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1.377 protobuf 3.6.1.3-2ubuntu5.2
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1.379 swagger-ui 3.49.0
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1.380 libgpg-error 1.37-1

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1.388 blackfriday 2.1.0
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1.389 hibernate-commons-annotations 5.1.0.Final
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1.640 pytest 7.4.3
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1.641 selinux 1.11.1
1.641.1 Available under license
1.642 go-criu 6.3.0
1.642.1 Available under license
1.643 pyparsing 3.0.9
1.643.1 Available under license
1.644 perl 5.32.1-4+deb11u4
1.644.1 Available under license
1.645 aws-sdk-go-v2-service-sts 1.26.7
1.645.1 Available under license
1.646 cyrus-sasl 2.1.27+dfsg-2.1+deb11u1
1.646.1 Available under license
1.647 ehcache-xml 3.8.1
1.647.1 Available under license
1.648 gnupg 2.2.27-2+deb11u2
1.648.1 Available under license
1.649 swagger-integration 2.1.9
1.649.1 Available under license
1.650 ehcache 3.8.1
1.650.1 Available under license
1.651 pam 1.4.0-9+deb11u1
1.651.1 Available under license
1.652 offheap-store 2.4.3
1.652.1 Available under license
1.653 debianutils 4.11.2

1.653.1 Available under license
1.654 jackson-annotations 2.11.2
1.654.1 Available under license
1.655 gzip 1.10-0ubuntu4.1
1.655.1 Available under license
1.656 uvicorn 0.15.0
1.656.1 Available under license
1.657 libunistring 0.9.10-4
1.657.1 Available under license
1.658 zlib 1.2.11.dfsg-2ubuntu1.5
1.658.1 Available under license
1.659 ebpf 0.16.0
1.659.1 Available under license
1.660 nginx 1.24.0-1~bullseye
1.660.1 Notifications
1.660.2 Available under license
1.661 util-linux 1:2.36.1-8+deb11u2
1.661.1 Available under license
1.662 dom4j 2.1.3
1.662.1 Available under license
1.663 loguru 0.7.0
1.663.1 Available under license
1.664 libwebp 0.6.1-2.1+deb11u2
1.664.1 Available under license
1.665 contrib-instrumentation-google.golang.org-grpc-otelgrpc 0.56.0
1.665.1 Available under license
1.666 swagger-core 2.1.9
1.666.1 Available under license
1.667 etcd 3.5.6
1.667.1 Available under license
1.668 boost 1.71.0-6ubuntu6
1.668.1 Available under license
1.669 libnettle6 3.5.1+really3.5.1-2ubuntu0.1
1.669.1 Available under license
1.670 gunicorn 20.1.0
1.670.1 Available under license
1.671 debconf 1.5.77
1.671.1 Available under license
1.672 netlink 1.1.0

1.672.1 Available under license
1.673 ehcache-core 3.8.1
1.673.1 Available under license
1.674 aws-sdk-go-v2-internal-endpoints 2.5.10
1.674.1 Available under license
1.675 acl 2.2.53-10
1.675.1 Available under license
1.676 ca-certificates 20210119
1.676.1 Available under license
1.677 x-sys 0.28.0
1.677.1 Available under license
1.678 sys-signal 0.7.1
1.678.1 Available under license
1.679 azure-sdk-for-go-sdk-azcore 16.2.1
1.679.1 Available under license
1.680 stdr 1.2.2
1.680.1 Available under license
1.681 aws-sdk-go-v2-internal-configsources 1.2.10
1.681.1 Available under license
1.682 gogo-protobuf 1.3.2
1.682.1 Available under license
1.683 xxhash 2.3.0
1.683.1 Available under license
1.684 hashstructure 2.0.2
1.684.1 Available under license

1.1 libjpeg 6b

1.1.1 Notifications :

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

1.1.2 Available under license :

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

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

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

Serious users of this software (particularly those incorporating it into

larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

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

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

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

This file contains the following sections:

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

Other documentation files in the distribution are:

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

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

If you want to understand how the JPEG code works, we suggest reading one or

more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

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

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

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

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

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to

be reliable, portable, industrial-strength code. We do not claim to have
achieved that goal in every aspect of the software, but we strive for it.

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

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 must acknowledge somewhere in your documentation that
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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
==========

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

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

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

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

The
JPEG standard itself is not available electronically; you must order a
paper copy through ISO or ITU. (Unless you feel a need to own a certified
official copy, we recommend buying the Pennebaker and Mitchell book instead;
it's much cheaper and includes a great deal of useful explanatory material.)
In the USA, copies of the standard may be ordered from ANSI Sales at (212)
642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI
doesn't take credit card orders, but Global does.) It's not cheap: as of
1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7%

shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still
Images, Part 2: Compliance testing" and has document
numbers ISO/IEC IS 10918-2, ITU-T T.83.

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

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

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

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

The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't

have
direct Internet access, UUNET's archives are also available via UUCP; contact
help@uunet.uu.net for information on retrieving files that way.

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

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

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

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

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

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

A different free JPEG implementation, written by the PVRG group at Stanford,
is available from ftp://havefun.stanford.edu/pub/jpeg/. This program
is designed for research and experimentation rather than production use;

it is slower, harder to use, and less portable than the IJG code, but it
is easier to read and modify. Also, the PVRG code supports lossless JPEG,
which we do not. (On the other hand, it doesn't do progressive JPEG.)

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

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

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

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

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

TO DO
=====

The major thrust for v7 will probably be improvement of visual quality.
The current method for scaling the quantization tables is known not to be
very good at low Q values. We also intend to investigate block boundary

smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without
sacrificing compatibility.

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

As always, speeding things up is of great interest.

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

1.2 free-type 2.6.5

1.2.1 Available under license :

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

src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
#
EOF

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The contributed BDF and PCF drivers come with a license similar to that of the X Window System. It is compatible to the above two licenses (see file src/bdf/README and src/pcf/README). The same holds for the files `fthash.c' and `fthash.h'; their code was part of the BDF driver in earlier FreeType versions.

The gzip module uses the zlib license (see src/gzip/zlib.h) which too is compatible to the above two licenses.

The MD5 checksum support (only used for debugging in development builds) is in the public domain.

--- end of LICENSE.TXT ---

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Version 2, June 1991

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1.3 bzip2 1.0.8

1.4 speex 1.2beta3

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1.6 xz 5.2.4

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

In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating

system.

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library'' and a ``work that uses the library''. The former
contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

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and what the program that uses the Library does.

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@enumerate a
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@item
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cause the whole of the work to be licensed at no
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@item
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.)
@end enumerate

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Thus, it is not the intent of this section to claim rights or contest
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subsequent copies and derivative works made from that copy.

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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.

@item
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.

@item
As an exception to the Sections above, you may also combine or

link a ``work that uses the Library'' with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

@enumerate a
@item
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.)

@item
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.

@item
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.

@item
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specified materials from the same place.

@item
Verify that the user has already received a copy of these
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@end enumerate

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reproducing the executable from it. However, as a special exception,
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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
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@enumerate a
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@end enumerate

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page
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@end
smallexample

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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

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1.12 gnutls 3.6.13

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1.13 ffmpeg 4.3.1

1.13.1 Available under license :

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Specifically, the GPL parts of FFmpeg are:

- libpostproc
- optional x86 optimization in the files
  - `libavcodec/x86/flac_dsp_gpl.asm`
  - `libavcodec/x86/idct_mmx.c`
  - `libavfilter/x86/vf_removegrain.asm`
- the following building and testing tools
  - `compat/solaris/make_sunver.pl`
  - `doc/t2h.pm`
  - `doc/texi2pod.pl`
  - `libswresample/tests/swresample.c`
  - `tests/checkasm/*`
  - `tests/tiny_ssim.c`
-
 the following filters in libavfilter:
  - `signature_lookup.c`
  - `vf_blackframe.c`
  - `vf_boxblur.c`
  - `vf_colormatrix.c`
  - `vf_cover_rect.c`
  - `vf_cropdetect.c`
  - `vf_delogo.c`
  - `vf_eq.c`
  - `vf_find_rect.c`
  - `vf_fspp.c`
  - `vf_histeq.c`

- `vf_hqdn3d.c`
- `vf_kerndeint.c`
- `vf_lensfun.c` (GPL version 3 or later)
- `vf_mcdeint.c`
- `vf_mpdecimate.c`
- `vf_nnedi.c`
- `vf_owdenoise.c`
- `vf_perspective.c`
- `vf_phase.c`
- `vf_pp.c`
- `vf_pp7.c`
- `vf_pullup.c`
- `vf_repeatfields.c`
- `vf_sab.c`
- `vf_signature.c`
- `vf_smartblur.c`
- `vf_spp.c`
- `vf_stereo3d.c`
- `vf_super2xsai.c`
- `vf_tinterlace.c`
- `vf_uspp.c`
- `vf_vaguedenoiser.c`
- `vsrc_mptestsrc.c`

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There are a handful of files under other licensing terms, namely:

* The files `libavcodec/jfdctfst.c`, `libavcodec/jfdctint_template.c` and `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files for licensing details. Specifically note that you must credit the IJG in the documentation accompanying your program if you only distribute executables. You must also indicate any changes including additions and deletions to those three files in the documentation.
* `tests/reference.pnm` is under the expat license.

External libraries

FFmpeg can be combined with a number of external libraries, which sometimes affect the licensing of binaries resulting from the combination.

Compatible libraries

The following libraries are under GPL version 2:
- avisynth
- frei0r
- libcdio
- libdavs2
- librubberband
- libvidstab
- libx264
- libx265
- libxavs
-
 libxavs2
- libxvid

When combining them with FFmpeg, FFmpeg needs to be licensed as GPL as well by
passing `--enable-gpl` to configure.

The following libraries are under LGPL version 3:
- gmp
- libaribb24
- liblensfun

When combining them with FFmpeg, use the configure option `--enable-version3` to
upgrade FFmpeg to the LGPL v3.

The VMAF, mbedTLS, RK MPI, OpenCORE and VisualOn libraries are under the Apache License
2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not with
version 3 of those licenses. So to combine these libraries with FFmpeg, the
license version needs to be upgraded by passing `--enable-version3` to configure.

The smbclient library is under the GPL v3, to combine it with FFmpeg,
the options `--enable-gpl` and `--enable-version3` have to be passed to
configure to upgrade FFmpeg to the GPL v3.

Incompatible libraries

There are certain libraries you can combine with FFmpeg whose licenses are not
compatible with the GPL and/or the LGPL. If
 you wish to enable these
libraries, even in circumstances that their license may be incompatible, pass
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1.14 libyaml 0.2.5

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1.15 linenoise 1.0

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1.16 openssl 1.1.1f

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1.25 swscale 5

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1.26 golang 1.8

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An entry with multiple email addresses specifies that the
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1.27 nginx 1.18.0

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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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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1.29 libmnl 1.0.5

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1.30 gperftools 2.9.1

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1.31 libaio 0.3.113

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^L
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1.32 apr-util 1.6.3

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This package was debianized by Thom May <thom@debian.org> on
Wed, 17 Nov 2004 11:27:14 -0800

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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 dso/aix/dso.c:

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

 strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
 Copyright (C) 2000 by Martin Pool <mbp@humbug.org.au>

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From test/CuTest.c, test/CuTest.h:

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The following was recevied Fenbruary 23,2000 From: "Linn, John" February 19, 2000

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The statement was downloaded from http://www.ietf.org/ietf-ftp/IPR/RSA-MD-all
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1.33 popt 1.19

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1.34 openssh 9.1p1

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[Tatu continues]
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- IDEA is no longer included, its use is deprecated
- DES is now external, in the OpenSSL library
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- Zlib is now external, in a library
- The make-ssh-known-hosts script is no longer included
- TSS has been removed
- MD5 is now external, in the OpenSSL library
- RC4 support has been replaced with ARC4 support from OpenSSL
- Blowfish is now external, in the OpenSSL library

[The licence continues]

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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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1.36 apr 1.7.2

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misc/unix/getopt.c,
file_io/unix/mktemp.c, strings/apr_strings.c:

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From dso/aix/dso.c:

* Based on libdl (dlfcn.c/dlfcn.h) which is
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From strings/apr_strnatcmp.c, include/apr_strings.h:

 strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
 Copyright (C) 2000 by Martin Pool <mbp@humbug.org.au>

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From test/CuTest.c, test/CuTest.h:

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1.37 boost 1.80.0

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

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////

[#mpl]
MPL Support, <boost/mp11/mpl.hpp>
:toc:
:toc-title:
:idprefix:

The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

It's also possible to only enable support for `mp_list` by including `<boost/mp11/mpl_list.hpp>`, and for `std::tuple` by including `<boost/mp11/mpl_tuple.hpp>`. This may be required because some libraries, such as Boost.Fusion, contain their own MPL support for `std::tuple`, which conflicts with Mp11's one.

.Converting an existing MPL Sequence into an mp_list
```
using L = mpl::copy<Sequence, mpl::back_inserter<mp11::mp_list<>>>::type;
```
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  <p class="copyright">
   1963, 1964, 1965 Jane Doe
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   2018 Joe Blow, John Coe
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xmlns:xi="http://www.w3.org/2001/XInclude">
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   <copyright>
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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 from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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

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

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Upstream-Contact: Thorsten Kukuk <kukuk@thkukuk.de>
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1.40 libusb-compat 0.1.8

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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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

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

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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
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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.)

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

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

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

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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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1.41 libnss-nis 3.2

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1.42 libvmtools 11.3.5.31214

1.42.1 Available under license :

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Version 2.1, February 1999

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$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /
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>>> unicode-5.0

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man/wcslcpy.3bsd
src/getbsize.c
src/heapsort.c

src/merge.c
src/nlist.c
src/pwcache.c
src/radixsort.c
src/setmode.c
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man/humanize_number.3bsd
man/stringlist.3bsd
man/timeval.3bsd
src/fmtcheck.c
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src/arc4random.c
src/arc4random_linux.h
src/arc4random_uniform.c
src/arc4random_unix.h
src/arc4random_win.h
src/closefrom.c
src/freezero.c
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src/getentropy_bsd.c
src/getentropy_hpux.c
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1.48 curl 8.4.0

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1.50 net-snmp 5.9.3

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1.52 libevent 2.1.12

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1.53 boost 1.83.0

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

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////

[#mpl]
MPL Support, <boost/mp11/mpl.hpp>
:toc:
:toc-title:
:idprefix:

The header `<boost/mp11/mpl.hpp>`, when included, defines the
necessary support infrastructure for `mp_list` and `std::tuple`
to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

It's also possible to only enable support for `mp_list` by
including `<boost/mp11/mpl_list.hpp>`, and for `std::tuple`
by including `<boost/mp11/mpl_tuple.hpp>`. This may be required
because some libraries, such as Boost.Fusion, contain their own MPL
support for `std::tuple`, which conflicts with Mp11's one.

.Converting an existing MPL Sequence into an mp_list
```
using L = mpl::copy<Sequence, mpl::back_inserter<mp11::mp_list<>>>::type;
```
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console.[ADDR|comUNIT][,SPEED]wdXYcomUNIT[,SPEED]dualDisplay output on all consoles.cdromUse CD-ROM as root.Invoke user configuration routing.gdbUse GDB remote debugger instead of DDB.muteDisable all boot output.nointrpauseWait for keypress after every line of output.dfltrootUse compiled-in root device.premature end of file %sinvalid arch-independent ELF magicinvalid arch-dependent ELF magicno symbol table_DYNAMICdynamic = %llx
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 display boot diagnostic messages.singleBoot into single mode.verboseBoot with verbose messages.debugBoot with debug messages.silentSuppress normal output (warnings remain).rootSet root device.DEVICEserialUse serial console.[ADDR|comUNIT][,SPEED]wdXYcomUNIT[,SPEED]dualDisplay output on all consoles.cdromUse CD-ROM as root.Invoke user configuration routing.gdbUse GDB remote debugger instead of DDB.muteDisable all boot output.nointrpauseWait for keypress after every line of output.dfltrootUse compiled-in root device.premature end of file %sinvalid arch-independent ELF magicinvalid arch-dependent ELF magicno symbol table_DYNAMICdynamic = %llx
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GHH
AGHH0Ew H
AG HHuAGI$H]H1HH0He[A\A]A^A_]HUHAWAVAUATSHHPHHHHtY8tTH1HIM

L11HLAHH11HAEHHHH}HHEE10HPDXH\EfEfdHHHPEgEjEhEkEiElHt0HHH1H8IE1IHtHAHDHk\HIHuHb
D HAEIHtHpHHk\I|Ak\LHLHRHH(IE1E1IHt$HJtNd!I Nd!IHAHHuII>H8IcH8ILHHH}M?N
HE(IIMt]LH(IH)8IwL0ADAGIWAEBAELAMoM?H(L0j
HujAI>AHY^HH}H}IHE111I11HHD}1D}EAEAUAE1AE8AHEeH
AEHH0 HuH
HAEH1I>H0He[A\A]A^A_]HUAHHAWAVAUATISHHHHHDH(HH;8u"H;/HLhHupL+kH HHHH8HHH8tH
Hx1PHHLHOIIAHP1AID$t;1HID$HHAHAID$1HIILHA1IA%ID$HHHLHIHu!H1HHAA1HAIA
H?,u>H1HHAAtHHAIHAI~
@v"H&1HNH1HHH0H8HLg(MHGAHtxuDo IT$(E1HHt
LxH@(ID$LHW(1H8H@HHH841Lg(H\D\L1HPH@(Hu@LH`HHIDI@ID$HxHh@HpHHHA4H\
A 1HID$0Ht}HHxHu>@HHfXfA+I|$(uHID$0HxtA$D
HAHHHH1HHH[A\A]A^A_]HUHAWIAVAUATISH8HuHHHUPA$JHGXH=HEE1IKHtxIHAH}HHHIuDHAH
E
HuHEHHHUr@v(HIIrHza D IG1H}x`HIGHxhHH}HHt&H1H-
1HE1HuIHxH}AAwH}%?,u0H1HuH}AH%E1DEDHUHuEHA$ 2HuEHEA$$Hu}Hu-
H1HHH8[A\A]A^A_]UT1HHAWAVH|AUIATS1HET|EHIMtQI<$ LHu.I<$ t$IH
AI|$IAJ\3HMd$0HtHHHH)H8HH111HH1Ht!HqtHT2H HT2HH
HHHHH)IA?tH0IHHH8IUH8HQH8HMuIHLI]L(HHH; HHH3~ H
H(IAH(HH(IHHHvH(H(=HsAH(HH(HDH(H[07LL9(tH(HXDuH8HLHIMAPIpHHpttu+UAA?tHpTA?IUtHPDP?I
@L HHH(HHL H(IIHH)A?t
HHHHMH9L)L)D]IHL)LIE11HEHA?I1H8AA`jI?j H0H^_H0HH0IHE111H(11HPH01HHL)LLL H H 1IIL$LH
HH=uH(HpH@HH8H8HHHH H H`AE@AGIEAGH1H8HH@X1 AH8AxH0j
I?HjZYH0HH0IHE111H11HI|$$TH|H8 H<H8PA$
ADADHH1HIT$$H0A\$HADEADIEAD$
H1I?H0He[A\A]A^A_]HUHAWAVIAUAATSHH8Hu/LEDMHtHXIH}HILIDIHAHPAEH8tQHEH}HEEHEAHu
PAHuAHu8H}AHuPAusHuAu^HuAuIE1E1A9~I<HAEdEDHuHtZHE1HEIIA9~ I4LAI<HAL
L`A$H}HtEEH8[A\A]A^A_]HUHAWAVAUAATISH8Ht9HH8uH8u+H1HH8[A\A]A^A_]EuH1GI<$HIHHHH@
HIHuHH8HIHH}HS@HHHA?DIL$IEtILUI|$HHHMHMLUuIDILLPAEEDK@MLHUI<$uIHC@HH%IHHAH
8[A\A]A^A_]HUHAWAVAHAUIATSHHHLDHIHILHI8M 31I}AVHLHHMIMEAAHHEE)H%
I}HHH;IULHH8Hu
HHuIADHuADHuA|H1IAHHtMHHt+H@(Ht"HP(D
HtED"AAAAAHAAH1;H1AIHHHHHtiHx@tbHHxHuDHuLS@u6H}Ht-
1HH}HHAAHA1HC,HHH[A\A]A^A_]UHAUIATIHSHPHL1IIHHL1IIHHHL1IIHHHE11HHHHHE11IHHHHLE
11HHHLE11HHHE11HHHH1E1HHHHHLHZ[A\A]]UHSHPHH8HH8HH8HHH8HH8HH8HH8HH8HH8Z[H]H
UHAVIAUIHSLHH}H}HtNHHLH9t5u*HLHH[A]A^]1H[A]A^]UHAWIAVAUIATISH(Hu1H}AHH}4LIAH4tC
H?HUH(1H[A\HA]A^A_]A<$ELFuA|$uA|$tHA|$t+HH(1H[A\A]A^A_]HuLHAt$.}HIEHtAt$
H}AHuH]AT$.IuUH}AAL$.HEHH9t3Hu#HU1HHH([A\A]A^A_]U1HAWAVAUIHMATSHHHhHhHXHUHXH
EHHtH}HLe4HuHULtLH9sxt'HH1HMPHHuHDpPHIAD`LAD$dADAEIHD`HADHH}DxPHCD<HhI|D3AHt`
DHHhIHPHAHPH9upHdLHPHhAHPHu*DdHBHhHPHLAL9uD`E1dHXHHHP;MHHHt
LE9rXDC1HHHIDEAHuHu4HxHuH|hH}Hhu|I]H[A\A]A^A_]HUHAWAVMAUIHMATSHDM
HUH`1HHH`HuIuYHxH}H8HEH|H}HPH}xHPHHH1H9sDAEtAtDAL9IBH4I}IH9HB|HHuHHHHLHHsHH}Lh
LPHXExHPHI9EOEAGPAG
HDhHHIP1AAZEGAWYt8HXLI+HAOH`HIuHt)HXLI+>1HLHHAGAWHLH9hHChHhEIHXLI+1IuA4H`IHAH
hM\$4MHXDxII9H`LBELI+LhHLIuALhMIDxHXDD|H`D)EELELMLI+LhHIuADI}MLhIMD|HDD)EELHMME
)HH}u#IUH`LHHHHe[A\A]A^A_]HUHAWAVAUIHxATSHHH@1HhH@HxHhHUt!HHxHtH}HLxu(UMtHI<I9
sAt%IhLHhAWAGHu8IHP@X8\X\HHD4HHIEHHHHH`HHHH}IH4HuH`EHH4EEA1fCLC
H"HCUtLH9saH0HHAH0I9uEt4#HP1H9uEt\D4CCEHHAwHhIAHtI8HHhIH8AH8H9uGHPHhpAHunDX\HhH4
LAL9t1u>H@HHHuHhLHhu!HHH`HHIUH[A\A]A^A_]U1HAWAVAUATSHHHHUH@HMHEHHpH`LXtH}A

H}HuHH}u#UHuHH9sxtHHHPIIDpTH$HPH@<8ATHhHAHxHDHpIAHtUHhHxIHpAHhH9tHx8HhHAIHu
Hx"<HpAHu!HxALAHHhHpLAHhH9tYHxALAHH`H1H[A\HA]A^A_]LxE11xD)T9sAFufA>t_LHpHIAHpA>H
IDLHpAHpMDHtMu.PIlHtMuHxIIAt>HxALAH1H[A\HA]A^A_]JHXHxHBHHH@%H)HXHHHHBAGH@%H)
HXHHAALAH[A\A]A^A_]UHAWIAVAUIATISH(Hu1H}AHH}@LIAH@tCH?HUH(1H[A\HA]A^A_]A<$ELF
uA|$uA|$tHA|$t+HH(1H[A\A]A^A_]HuLHAt$:H}HIEHtIt$(H}AHuH\AT$:IuHUH}AHAD$:HEH9t3Hu#HU1HH
H([A\A]A^A_]HUHAWAVAUIHxATI1SH<IHUHhIuHxHhL`HuH}H}HuHLxHHHLLH9s%L@
MtHP0HtHL
HH!LHH`HHH)H%HuHLHH}IMHH@EHELI9SMN M:IF0HtJT III!MfEHRHHIP1AH@LH)HA~HPIF
Y^HXIEIvHhHHHHt`HXHPHHhHXH9tXHHHHt!HX1HPHMf
EI<EIMIH`A)I$HH%HI}Hu0@HuHuULU
hHxHhHe[A\A]A^A_]U1HAWAVAUATSHHHXHXHPHUHPH8HhHhHAHpH}HALh@HuHAuHpLHHLH9sxt'
HH1HmP(HHHuHLh H0HH8IIDMt HHH(CD5HH@H8H@HH
HHHIHAH}EHLx0HH@HXLIHEL+AHtOHLHXHHL9umHE(HXL2H@AH@HuHD89LbLHXHLL9uIdHD8EH
P1HHH;LLt"HHAHHHDHL9r[LC1HHHILEAHuHAu7HxHAuHuAHhHEuHEH8HH%HHD[A\A]A^A_]HUHA
WAVAUI1ATSHHHhHhH@HUH@HpHpt!HHpHxH}HLpu*uHxMHHI<I9sAt%IhLHhAW(IG HuH8IHPH@
H08\0\HHD@HHIEHHHHH`HHHH}IH@HuH`EHH@EEAfC11HCLSHC@UHxHLH9seH(HHAH(UI9uHxHH
@$HP1H9uHx\HHD@HCHHCHIwHhIAHtJ8HHhIH8AH8H9uHHPHhHpAHunD0\HhH4LAL9t1u>H@HHHuHh
LHhu!HHH`HHIUH[A\A]A^A_]U1HAWAVAUATSHHHHUH@HMHEHHpHhL`t
H}ADH}HuHH}Au%uHMHHHHH9sztHH%HZ B(ILrHXHZ8HHPHXH@
H8HH0ADXLHxHHpDHHtCHxLHpIAL9tHxD0LHHu
Hx+8HpHHu"HxAHAHD8HpLHAL9uDX1E1E1DPLxsHxAHAHD8EHhH1H[A\HA]A^A_]AD$tPDID9rA<$tX
HHHDhDpA<$HHMDHDpDhXMDMoMf
MtMuHxIII}t>HxAHAH1H[A\HA]A^A_]IFH`H@HxHIFHH%H)H`HHHHAIEH@%H)H`HHBAHAHD[A\A]A^
A_] @12abcdmqsvxzrh@abcsdrh @ DhaCcdgmnpqrsvsizeaddrtypename %-18s %-18s%14s%14s
%-18s 0x%08x 0x%08x
filename expectedyou need to
load the kernel firstno kOpenBSD loadedyour kOpenBSD doesn't support ramdiskyour kOpenBSD supports ramdisk only up to %lu bytes, however you supplied a %lu bytes onepremature end of file %sonly FreeBSD supports moduleonly ELF kernel supports moduleonly FreeBSD supports environmentkFreeBSD.%syour CPU does not implement AMD64 architecturekern_start = %lx, kern_end = %lx
bsdloader/i386/bsd.cinvalid arch-dependent ELF magicinvalid a.out headerload address below 1Mno NetBSD loaded %-18s%14s%14s%14s
%-18s 0x%08x 0x%08x 0x%08xknetbsd_module_elf%u entries in smap
textgfxpayload%s;800x600800x600Booting in blind modecompcmdlen too longnetbsdunknown disk type nameonly device specifications of form <type><number><lowercase letter> are supportedonly com0-com3 are supportedkFreeBSD./boot/zfs/zpool.cacherawno FreeBSD loadedtype=elf64 kernelelf kernelzfsgzioLoad kernel of FreeBSD.FILEkfreebsdLoad kernel of OpenBSD.kopenbsdLoad kernel of NetBSD.knetbsdLoad FreeBSD env.kfreebsd_loadenvLoad FreeBSD
kernel module.kfreebsd_moduleLoad NetBSD kernel module.knetbsd_moduleLoad NetBSD kernel module (ELF).Load FreeBSD kernel module (ELF).kfreebsd_module_elfLoad kOpenBSD ramdisk.kopenbsd_ramdiskwdfdsdcdvndrdno-smpDisable SMP.no-acpiDisable ACPI.asknameAsk for file name to reboot from.haltDon't reboot, just halt.configChange configured devices.kdbEnter in KDB on boot.minirootquietDon't display boot diagnostic messages.singleBoot into single mode.verboseBoot with verbose messages.debugBoot with debug messages.silentSuppress normal output (warnings remain).rootSet root device.DEVICEserialUse serial console.[ADDR|comUNIT][,SPEED]wdXYcomUNIT[,SPEED]dualDisplay output on all consoles.cdromUse CD-ROM as root.Invoke user configuration routing.gdbUse GDB remote debugger instead of DDB.muteDisable all boot output.nointrpauseWait for keypress after every line of output.dfltrootUse compiled-in root device.premature end of file %sinvalid arch-independent ELF magicinvalid arch-dependent ELF

magicno symbol
table_DYNAMICdynamic = %llx
bsdloader/i386/bsd32.cloading section to %x, size %d, align %d
elf modulerd_root_imagerd_root_sizeunexpected size of rd_root_sizepremature end of file %sinvalid arch-independent ELF magicinvalid arch-dependent ELF magicloading section to %x, size %d, align %d
bsdloader/i386/bsd64.celf obj moduleno symbol table_DYNAMICdynamic = %llx
rd_root_imagerd_root_sizeunexpected size of
rd_root_sizeLICENSE=GPLv3+aoutbootcpuidcryptoelfextcmdgcry_md5mmaprelocatorserialvideobsd2*4)NEcv&3
I_:}4CZlx%B(<PG:r~*"8HWi(7|J>*R0ALi)6VHWsgrub_mod_initgrub_mod_finigrub_strlengrub_netbsd_load_elf_meta64grub_efi_finish_boot_servicesgrub_aout_get_typegrub_puts_grub_strncmpgrub_strtoullgrub_efi_system_tablegrub_env_update_get_sortedgrub_strcpygrub_elf_is_elf32grub_loader_is_loadedgrub_strrchrgrub_ns8250_hw_get_portgrub_dl_loadgrub_elf32_load_phdrsgrub_relocator32_bootgrub_freebsd_load_elfmodule32grub_elf_filegrub_xasprintfget_virtual_current_addressgrub_video_set_mode_gcry_digest_spec_md5grub_memmovegrub_device_opengrub_relocator_alloc_chunk_aligngrub_elf64_get_shnumgrub_disk_readgrub_unregister_extcmdgrub_loader_unsetgrub_dl_refgrub_mmap_iterategrub_file_seekgrub_relocator_unloadgrub_errnogrub_memsetgrub_openbsd_find_ramdisk32grub_register_command_priogrub_elf_is_elf64grub_video_get_driver_idgrub_mmap_get_lowergrub_mmap_get_uppergrub_freebsd_load_elfmodule_obj64grub_printfgrub_unregister_commandgrub_file_readgrub_freebsd_add_meta_modulegrub_elf_closegrub_print_errorgrub_zallocgrub_strcmpgrub_strchrgrub_elf64_loadgrub_mallocgrub_relocator64_bootgrub_file_closegrub_file_opengrub_real_dprintfgrub_freebsd_load_elf_meta32grub_callocgrub_freebsd_load_elf_meta64grub_netbsd_load_elf_meta32grub_device_closegrub_elf64_load_phdrsgrub_openbsd_find_ramdisk64grub_fs_probegrub_relocator_newgrub_crypto_hashgrub_errorgrub_video_get_info_and_finigrub_cpuid_has_longmodegrub_freegrub_dl_unrefgrub_register_extcmdgrub_env_setgrub_gettextgrub_memcmpgrub_loader_setgrub_verify_stringgrub_elf32_get_shnumgrub_elf32_loadgrub_env_getgrub_strtoulgrub_bsd_add_metagrub_aout_loadget_physical_target_addressgrub_elf32_get_phnumgrub_relocator_alloc_chunk_addrN<v)phh p
3RCS
b{2p4,?pN5pERh_kxO(KK]K!2N?\)y>K4)>K+?*Qj]+HK?>.)<N[j1v]hK
KK9?\<4:#2NQ`NN>)%$ * K) KB ?Z Id y >

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$@k3|K^,?[K>Zv)O]IH+KNRXdt

Z2`o9)-?R`m^48'XO`v>L&$T<d)* @ZDNbp^h{ 0/8WX)N,.KLZ7)`9<X)iZNZp ?Mp^3 Kb\| 0/
3An)?#DJ*eoZ[SgY)3DKU"SZ`J9H E U T)
!@!)Q!d!~!!!Y!#!"*K"U"Se"uv"K"Y")"#ZL#Zn#~#T##`##)#*#P:$ST$$$$$Zp%>%U%b%z%^%%%%S&
&3&f&&&p&Q'k""*(G(](\{((*%)2)a)r)=)))* -*D*d*w*T*H**.+<+9F+[+Z+a,Lp,),,U,-]!-+-:-I-HZ-Ky--?-)---^-
.4..M.W.S.5.>../)(/2/F/P/d/////5/?00C%0AG0Z0P00E
1H61HQ1_191
1H1N1711#1T1T1)2*252P@2Q2[2e2.o22`22 2-2@226212M282,2U33g30+353x?3,I3S3(g3q3{3
33333h333%334<
4414#<4@K48Z40i43s4(4 444444'5)54-
5)G5JQ5Kv5'545)5J5K#6c76L6Ki6V6B6)6)7J7Kn7n57V7Z77Kb8^}88'84#9)d9)9J9K9999999@:Z9:Zf:N:n5;V=;]
;^;Q<b<l<v<@<4<*C=4p=4=4)> F>5_>N>A>n5?N?)-
?Vu?N@^@'@A'#A4[A)A)AJAKAZANWBn5BVBNBNB<JC'jC4C)
D)IDJVDKD D9D+ EN)ENXE8 eEKE';F4NF)qFX ~FKFq F FKF!GB7G)nG)GX GKGEH!H^H I +I 5I ?I@I'I)I4I)IX
JK'J*eJ ~J5JZJN:KE\K!KZK
KK[L^yLL'L4M).M4BM
NM)rMX |MKM9M
M M M@NZ3NZ`NNNENNO)&O!pONP^P%PQ"Q4`Q)Q)QX QKQZQN\RER!RNRNS<SS'uS4S'S)4T)_TX lTKT/
T9T=
T98UNGUNvUJ
UKMP S0VpY]`gt|0@Xh F0MHdXlp`pFM(8@(P`h-=B0@Xbhh| 0HXp$-
FMdl.symtab.strtab.shstrtab.rela.text.rela.rodata.rodata.str1.1.data.module_license.bss.moddeps.modname
@V@x?+`V8 &@32]j
BhHhX h] hGfghph XqXo

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1.58 zlib 1.2.11

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.3.1, January 22nd, 2024

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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).
*/
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1.61 libpcap 1.10.5

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1.62 libseccomp 2.5.5

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1.70 pkix ssh 13.5

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*
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1.71 csrp 1.0

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1.73 stunnel 5.71

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```
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 <signature of Ty Coon>, 1 April 1989
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1.75 util-linux 2.40.2

1.75.1 Available under license :

```
NR START   END SECTORS SIZE NAME UUID
1    32  7679    7648 3.7M      8f8378c0-01
2  7680 16383    8704 4.3M      8f8378c0-02
5  7936 12799    4864 2.4M
6 12544 16127    3584 1.8M
```

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1.80 apache-http-server 2.4.63

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<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"><head>
<meta content="text/html; charset=UTF-8" http-equiv="Content-Type" />
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var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
(function(w, d) {
  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
    d.write(' <\/div>');
    var s = d.createElement('script');
    s.type = 'text/javascript';
    s.async = true;
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' +
comments_identifier;
     (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
  }
  else {
    d.write(' Comments are disabled for this page at the moment.<\/div>');
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})(window, document);
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```
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* httpd@ncsa.uiuc.edu
*
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     ===============

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   Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
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*/

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1.82 cairo 1.18.2

1.82.1 Available under license :

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Found in path(s):
* /cairo-1-18-2-sources-jar/org/freedesktop/freetype/Library.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Extend.java
*
 /cairo-1-18-2-sources-jar/org/freedesktop/cairo/UserScaledFontInitFunc.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/SurfaceObserverMode.java
* /cairo-1-18-2-sources-jar/io/github/jwharm/cairobindings/Proxy.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Format.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/ToyFontFace.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/MimeType.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/RecordingSurface.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PDFVersion.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/ScriptMode.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/SurfaceObserver.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PathElement.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Matrix.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PathData.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Path.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Status.java
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 /cairo-1-18-2-sources-jar/org/freedesktop/cairo/TextExtents.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/UserScaledFontRenderGlyphFunc.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PatternType.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Filter.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PathDataType.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Mesh.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/RasterSourceFinishFunc.java
* /cairo-1-18-2-sources-jar/io/github/jwharm/cairobindings/ArenaCloseAction.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/FontOptions.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/SVGSurface.java
* /cairo-1-18-2-sources-jar/org/freedesktop/freetype/FreeType2.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/RGBA.java
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 /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Glyph.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Circle.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Antialias.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/SurfaceObserverCallback.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/TextClusterFlags.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Script.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PDFOutlineFlags.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/SVGVersion.java
*
/cairo-1-18-2-sources-jar/org/freedesktop/cairo/RegionOverlap.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/ReadFunc.java
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* /cairo-1-18-2-sources-jar/io/github/jwharm/cairobindings/Interop.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/ScriptSurface.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/RasterSourceAcquireFunc.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/RasterSourceReleaseFunc.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/FontExtents.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/LineJoin.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/FontType.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/TextCluster.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/RectangleInt.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/FTFontFace.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/FTScaledFont.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Cairo.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/RasterSource.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/UserDataKey.java
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/cairo-1-18-2-sources-jar/org/freedesktop/cairo/RasterSourceSnapshotFunc.java
* /cairo-1-18-2-sources-jar/io/github/jwharm/cairobindings/LibLoad.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Rectangle.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Point.java
* /cairo-1-18-2-sources-jar/org/freedesktop/freetype/Face.java

* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PDFSurface.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PSSurface.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/SubpixelOrder.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/RasterSourceCopyFunc.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/HintStyle.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Operator.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Rect.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/PSLevel.java
* /cairo-1-18-2-sources-jar/io/github/jwharm/cairobindings/Platform.java
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 /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Dither.java
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* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/SurfaceType.java
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Found in path(s):
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Pattern.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Content.java
*
 /cairo-1-18-2-sources-jar/org/freedesktop/cairo/ImageSurface.java
* /cairo-1-18-2-sources-jar/org/freedesktop/freetype/package-info.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Context.java
* /cairo-1-18-2-sources-jar/module-info.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/FontFace.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Glyphs.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Surface.java
* /cairo-1-18-2-sources-jar/io/github/jwharm/cairobindings/package-info.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/ScaledFont.java

* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/package-info.java
* /cairo-1-18-2-sources-jar/org/freedesktop/cairo/Device.java

1.83 busybox 1.37.0

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1.86 ethtool 6.11

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

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1.92 json-c 0.18

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1.93 sqlite 3.48.0

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autosetup - A build environment "autoconfigurator"

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1.94 libvpx 1.15.0

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1.95 iputils 0240905

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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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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
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==========

The Distutils2 project was started by Tarek Ziad and is currently
maintained by ric Araujo. Many people have contributed to the project.

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

If you're making a patch, please add your name below in alphabetical order,
and welcome into the Fellowship of the Packaging!

Thanks to:

- Rajiv Abraham
- Ali Afshar
- David Barnett

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- Anthony Baxter
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    Installation Instructions

    Windows
    =======

    Install setuptools using the provided ``.exe`` installer. If you've previously
    installed older versions of setuptools, please delete all ``setuptools*.egg``
    and ``setuptools.pth`` files from your system's ``site-packages`` directory
    (and any other ``sys.path`` directories) FIRST.

    If you are upgrading a previous version of setuptools that was installed using
    an ``.exe`` installer,

please be sure to also *uninstall that older version*
via your system's "Add/Remove Programs" feature, BEFORE installing the newer version.

Once installation is complete, you will find an ``easy_install.exe`` program in your Python ``Scripts`` subdirectory. Be sure to add this directory to your ``PATH`` environment variable, if you haven't already done so.

RPM-Based Systems
==========

Install setuptools using the provided source RPM. The included ``.spec`` file assumes you are installing using the default ``python`` executable, and is not specific to a particular Python version. The ``easy_install`` executable will be installed to a system ``bin`` directory such as ``/usr/bin``.

If you wish to install to a location other than the default Python installation's default ``site-packages`` directory (and ``$prefix/bin`` for scripts), please use the ``.egg``-based
installation approach described in the
following section.

Cygwin, Mac OS X, Linux, Other
==========

1. Download the appropriate egg for your version of Python (e.g. ``setuptools-0.6c9-py2.4.egg``). Do NOT rename it.

2. Run it as if it were a shell script, e.g. ``sh setuptools-0.6c9-py2.4.egg``. Setuptools will install itself using the matching version of Python (e.g. ``python2.4``), and will place the ``easy_install`` executable in the default location for installing Python scripts (as determined by the standard distutils configuration files, or by the Python installation).

If you want to install setuptools to somewhere other than ``site-packages`` or your default distutils installation locations for libraries and scripts, you may include EasyInstall command-line options such as ``--prefix``, ``--install-dir``, and so on, following the ``.egg`` filename
on the same
command line. For example::

sh setuptools-0.6c9-py2.4.egg --prefix=~

You can use ``--help`` to get a full options list, but we recommend consulting the `EasyInstall manual`_ for detailed instructions, especially `the section on custom installation locations`_.

.. _EasyInstall manual: http://peak.telecommunity.com/DevCenter/EasyInstall

.. _the section on custom installation locations: http://peak.telecommunity.com/DevCenter/EasyInstall#custom-installation-locations

Cygwin Note

If you are trying to install setuptools for the **Windows** version of Python (as opposed to the Cygwin version that lives in ``/usr/bin``), you must make sure that an appropriate executable (``python2.3``, ``python2.4``, or ``python2.5``) is on your **Cygwin** ``PATH`` when invoking the egg. For example, doing the following at a Cygwin bash prompt will install setuptools for the **Windows** Python found at ``C:\\Python24``::

```
ln -s /cygdrive/c/Python24/python.exe python2.4
PATH=.:$PATH sh setuptools-0.6c9-py2.4.egg
rm python2.4
```

Downloads

All setuptools downloads can be found at `the project's home page in the Python Package Index`_. Scroll to the very bottom of the page to find the links.

.. _the project's home page in the Python Package Index: http://pypi.org/pypi/setuptools

In addition to the PyPI downloads, the development version of ``setuptools`` is available from the `Python SVN sandbox`_, and in-development versions of the `0.6 branch`_ are available as well.

.. _0.6 branch: http://svn.python.org/projects/sandbox/branches/setuptools-0.6/#egg=setuptools-dev06

.. _Python SVN sandbox: http://svn.python.org/projects/sandbox/trunk/setuptools/#egg=setuptools-dev

---
Using Setuptools and EasyInstall

Here are some of the available manuals, tutorials, and other resources for learning about Setuptools, Python Eggs, and EasyInstall:

* `The EasyInstall user's guide and reference manual`_
* `The setuptools Developer's Guide`_
* `The pkg_resources API reference`_

* `Package Compatibility Notes`_ (user-maintained)
* `The Internal Structure of Python Eggs`_

Questions, comments, and bug reports should be directed to the `distutils-sig
mailing list`_. If you have written (or know of) any tutorials, documentation,
plug-ins, or other resources for setuptools users, please let us know about
them there, so this reference list can be updated. If you have working,
tested patches to correct problems or add features, you may submit them to
the `setuptools bug tracker`_.

.. _setuptools bug tracker: http://bugs.python.org/setuptools/
.. _Package Compatibility Notes: http://peak.telecommunity.com/DevCenter/PackageNotes
.. _The Internal Structure of Python Eggs: http://peak.telecommunity.com/DevCenter/EggFormats
.. _The setuptools Developer's Guide: http://peak.telecommunity.com/DevCenter/setuptools
.. _The pkg_resources API reference: http://peak.telecommunity.com/DevCenter/PkgResources
.. _The EasyInstall user's guide and reference manual: http://peak.telecommunity.com/DevCenter/EasyInstall
.. _distutils-sig mailing list: http://mail.python.org/pipermail/distutils-sig/

Credits
---

* The original design for the ``.egg`` format and the ``pkg_resources`` API was
co-created by Phillip Eby and Bob Ippolito. Bob also implemented the first
version of ``pkg_resources``, and supplied the OS X operating system version
compatibility algorithm.

* Ian Bicking implemented many early "creature
comfort" features of
easy_install, including support for downloading via Sourceforge and
Subversion repositories. Ian's comments on the Web-SIG about WSGI
application deployment also inspired the concept of "entry points" in eggs,
and he has given talks at PyCon and elsewhere to inform and educate the
community about eggs and setuptools.

* Jim Fulton contributed time and effort to build automated tests of various
aspects of ``easy_install``, and supplied the doctests for the command-line
``.exe`` wrappers on Windows.

* Phillip J. Eby is the principal author and maintainer of setuptools, and
first proposed the idea of an importable binary distribution format for
Python application plug-ins.

* Significant parts of the implementation of setuptools were funded by the Open
Source Applications Foundation, to provide a plug-in infrastructure for the
Chandler PIM application.

In addition, many OSAF staffers (such as Mike
"Code Bear" Taylor) contributed their time and stress as guinea pigs for the
use of eggs and setuptools, even before eggs were "cool". (Thanks, guys!)

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1.102 speexdsp 1.2beta3

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1.103 fontconfig 2.16.0

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fontconfig/fc-case/CaseFolding.txt

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---

fontconfig/src/fcatomic.h

```
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* Mutex operations.  Originally copied from HarfBuzz.
*
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*/

---

fontconfig/src/fcfoundry.h

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*/

---

fontconfig/src/fcmd5.h

/*
* This code implements the MD5 message-digest algorithm.
* The algorithm is due to Ron Rivest. This code was
* written by Colin Plumb in 1993, no copyright is claimed.
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*
* Equivalent code is available from RSA Data Security, Inc.
* This code has been tested against that, and is equivalent,
* except that you don't need to include two pages of legalese
* with every copy.
*
* To compute the message digest of a chunk of bytes, declare an
* MD5Context structure, pass it to MD5Init, call MD5Update

as
* needed on buffers full of bytes, and then call MD5Final, which
* will fill a supplied 16-byte array with the digest.
*/

---

fontconfig/src/fcmutex.h

/*
* Atomic int and pointer operations. Originally copied from HarfBuzz.
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*/

---

fontconfig/src/ftglue.[ch]

/* ftglue.c: Glue code for compiling the OpenType code from
*   FreeType 1 using only the public API of FreeType 2
*

```
* By David Turner, The FreeType Project (www.freetype.org)
*
* This code is explicitely put in the public domain
*
* ================================================================================
*
* the OpenType
 parser codes was originally written as an extension to
* FreeType 1.x. As such, its source code was embedded within the library,
* and used many internal FreeType functions to deal with memory and
* stream i/o.
*
* When it was 'salvaged' for Pango and Qt, the code was "ported" to FreeType 2,
* which basically means that some macro tricks were performed in order to
* directly access FT2 _internal_ functions.
*
* these functions were never part of FT2 public API, and _did_ change between
* various releases. This created chaos for many users: when they upgraded the
* FreeType library on their system, they couldn't run Gnome anymore since
* Pango refused to link.
*
* Very fortunately, it's possible to completely avoid this problem because
* the FT_StreamRec and FT_MemoryRec structure types, which describe how
* memory and stream implementations interface with the rest of the font
* library, have always been part of the public API, and never changed.
*
* What we do
 thus is re-implement, within the OpenType parser, the few
* functions that depend on them. This only adds one or two kilobytes of
* code, and ensures that the parser can work with _any_ version
* of FreeType installed on your system. How sweet... !
*
* Note that we assume that Pango doesn't use any other internal functions
* from FreeType. It used to in old versions, but this should no longer
* be the case. (crossing my fingers).
*
*  - David Turner
*  - The FreeType Project  (www.freetype.org)
*
* PS: This "glue" code is explicitely put in the public domain
*/
```

1.104 expat 2.7.0

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1.105 glib 2.82.5

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or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

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

To protect each distributor, we want to make it very clear that

there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation
 will not be affected by problems that might be
introduced by others.

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

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

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

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

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

 In other cases, permission to use a particular library in non-free

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library'' and a ``work that uses the library''. The former
contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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.

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and you may at your option offer warranty protection in exchange for a
fee.

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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:

@enumerate a
@item
The modified work must itself be a software library.

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

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

@item
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.)
@end enumerate

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

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

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

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You may opt to apply the terms of the ordinary GNU General Public
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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.

@item
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.

@item
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.

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

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

@enumerate a
@item
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.)

@item
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.

@item
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.

@item
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.

@item
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
@end enumerate

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

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

@item
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:

@enumerate a
@item
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.

@item
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.
@end enumerate

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page
@subheading How to Apply These Terms to Your New Libraries

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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
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 file to most effectively
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@smallexample

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USA.
@end
 smallexample

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

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`Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

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Version 2, June 1991

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2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, 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) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, 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 Program, 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 Program.

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

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a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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xwd v1.0.7

xwd utility
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--- a/make/jdk/src/classes/build/tools/cldrconverter/CopyrightHeaders.java
+++ b/make/jdk/src/classes/build/tools/cldrconverter/CopyrightHeaders.java
@@ -26,6 +26,7 @@
package build.tools.cldrconverter;

import java.util.Calendar;
+import java.util.Date;
import java.util.GregorianCalendar;
import java.util.Locale;
import java.util.TimeZone;
@@ -150,8 +151,14 @@
    }

    private static int getYear() {
-       return new GregorianCalendar(TimeZone.getTimeZone("America/Los_Angeles"),
-                                    Locale.US).get(Calendar.YEAR);
+   Date date = new Date();
+   if (System.getenv("SOURCE_DATE_EPOCH") != null) {
+   date = new Date(1000 * Long.valueOf(System.getenv("SOURCE_DATE_EPOCH")));
+   }
+
+   GregorianCalendar calendar = new GregorianCalendar(TimeZone.getTimeZone("UTC"), Locale.ENGLISH);
+   calendar.setTime(date);
+

```
        return calendar.get(Calendar.YEAR);
    }

    // no instantiation
--- a/make/jdk/src/classes/build/tools/generatelsrequivmaps/EquivMapsGenerator.java
+++ b/make/jdk/src/classes/build/tools/generatelsrequivmaps/EquivMapsGenerator.java
@@ -34,9 +34,13 @@
import java.time.ZonedDateTime;
import java.util.ArrayList;
import java.util.Arrays;
+import java.util.Calendar;
+import java.util.Date;
+import java.util.GregorianCalendar;
import java.util.List;
import java.util.Locale;
import java.util.Map;
+import java.util.TimeZone;
import java.util.TreeMap;
import java.util.stream.Collectors;
import java.util.regex.Pattern;
@@ -266,8 +270,15 @@
        + "}";

    private static String getOpenJDKCopyright() {
-        int year = ZonedDateTime.now(ZoneId
-                .of("America/Los_Angeles")).getYear();
+        Date date = new Date();
+        if (System.getenv("SOURCE_DATE_EPOCH") != null) {
+            date = new Date(1000 * Long.valueOf(System.getenv("SOURCE_DATE_EPOCH")));
+
+        }
+
+        GregorianCalendar calendar = new GregorianCalendar(TimeZone.getTimeZone("UTC"), Locale.ENGLISH);
+        calendar.setTime(date);
+
+        int year = calendar.get(Calendar.YEAR);
        return String.format(Locale.US, COPYRIGHT, year);
    }
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The basic library functions are written in C and are freestanding. Also
included in the distribution is a just-in-time compiler that can be used to
optimize pattern matching. This is an optional feature that can be omitted when
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THE BASIC LIBRARY FUNCTIONS

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1.113 rsyslog 8.2412.0

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cmd/krb5/iprop/iprop.x
cmd/krb5/iprop/iprop_hdr.h
cmd/krb5/kadmin/server/ipropd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c

lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
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lib/libgss/g_rel_name.c
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lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c

lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
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lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
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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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1.120 python 3.8.5

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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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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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1.121 tdb 1.47.2

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

-   trivial database library - private includes
-
-   Copyright (C) Andrew Tridgell              2005
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Theodore Ts'o
23-June-2007

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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
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That's all there is to it!
```
#
# 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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Source: http://sourceforge.net/projects/e2fsprogs
Comment:
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```
/*
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*/
#ifndef UTIL_LINUX_PT_BSD_H
#define UTIL_LINUX_PT_BSD_H

#define BSD_MAXPARTITIONS 16
#define BSD_FS_UNUSED  0

#ifndef BSD_DISKMAGIC
# define BSD_DISKMAGIC     ((uint32_t) 0x82564557)
#endif

#define BSD_LINUX_BOOTDIR "/usr/ucb/mdec"

#if defined (__alpha__) || defined (__powerpc__) || \
   defined (__ia64__) || defined (__hppa__)
# define BSD_LABELSECTOR   0
# define BSD_LABELOFFSET   64
#else
# define BSD_LABELSECTOR   1
# define BSD_LABELOFFSET   0
#endif

#define BSD_BBSIZE        8192  /* size of boot area, with label */
#define BSD_SBSIZE        8192  /* max size of fs superblock */

struct bsd_disklabel {
 uint32_t d_magic;  /* the magic number */
 int16_t  d_type;   /* drive type */
 int16_t  d_subtype;  /* controller/d_type specific */
 char  d_typename[16];  /* type name, e.g. "eagle" */
 char  d_packname[16];  /* pack identifier */

   /* disk geometry: */
 uint32_t d_secsize;  /*
 # of bytes per sector */
 uint32_t d_nsectors;  /* # of data sectors per track */
 uint32_t d_ntracks;  /* # of tracks per cylinder */
 uint32_t d_ncylinders;  /* # of data cylinders per unit */
 uint32_t d_secpercyl;  /* # of data sectors per cylinder */
 uint32_t d_secperunit;  /* # of data sectors per unit */
```

```
/*
 * Spares (bad sector replacements) below
 * are not counted in d_nsectors or d_secpercyl.
 * Spare sectors are assumed to be physical sectors
 * which occupy space at the end of each track and/or cylinder.
 */
uint16_t d_sparespertrack; /* # of spare sectors per track */
uint16_t d_sparespercyl;  /* # of spare sectors per cylinder */

/*
 * Alternate cylinders include maintenance, replacement,
 * configuration description areas, etc.
 */
uint32_t d_acylinders;  /* # of alt. cylinders per unit */

  /* hardware characteristics: */
/*
 * d_interleave, d_trackskew and d_cylskew describe perturbations
 * in the media format used to compensate for a slow
controller.
 * Interleave is physical sector interleave, set up by the formatter
 * or controller when formatting.  When interleaving is in use,
 * logically adjacent sectors are not physically contiguous,
 * but instead are separated by some number of sectors.
 * It is specified as the ratio of physical sectors traversed
 * per logical sector.  Thus an interleave of 1:1 implies contiguous
 * layout, while 2:1 implies that logical sector 0 is separated
 * by one sector from logical sector 1.
 * d_trackskew is the offset of sector 0 on track N
 * relative to sector 0 on track N-1 on the same cylinder.
 * Finally, d_cylskew is the offset of sector 0 on cylinder N
 * relative to sector 0 on cylinder N-1.
 */
uint16_t d_rpm;   /* rotational speed */
uint16_t d_interleave;  /* hardware sector interleave */
uint16_t d_trackskew;  /* sector 0 skew, per track */
uint16_t d_cylskew;  /* sector 0 skew, per cylinder */
uint32_t d_headswitch;  /* head switch time, usec */
uint32_t d_trkseek;  /*
track-to-track seek, usec */
uint32_t d_flags;  /* generic flags */
uint32_t d_drivedata[5];  /* drive-type specific information */
uint32_t d_spare[5];  /* reserved for future use */
uint32_t d_magic2;  /* the magic number (again) */
uint16_t d_checksum;  /* xor of data incl. partitions */

  /* filesystem and partition information: */
uint16_t d_npartitions;         /* number of partitions in following */
```

```
 uint32_t d_bbsize;        /* size of boot area at sn0, bytes */
 uint32_t d_sbsize;        /* max size of fs superblock, bytes */

 struct bsd_partition  {  /* the partition table */
  uint32_t p_size;        /* number of sectors in partition */
  uint32_t p_offset;      /* starting sector */
  uint32_t p_fsize;       /* filesystem basic fragment size */
  uint8_t  p_fstype; /* filesystem type, see below */
  uint8_t  p_frag;  /* filesystem fragments per block */
  uint16_t p_cpg;         /* filesystem cylinders per group */
 } __attribute__((packed))
 d_partitions[BSD_MAXPARTITIONS]; /* actually may be more */
} __attribute__((packed));


/* d_type values: */
#define BSD_DTYPE_SMD  1  /* SMD, XSMD; VAX hp/up */
#define BSD_DTYPE_MSCP  2  /* MSCP */
#define BSD_DTYPE_DEC  3  /* other DEC (rk, rl) */
#define BSD_DTYPE_SCSI  4  /* SCSI */
#define BSD_DTYPE_ESDI  5  /* ESDI interface */
#define BSD_DTYPE_ST506  6  /* ST506 etc. */
#define BSD_DTYPE_HPIB  7  /* CS/80 on HP-IB */
#define BSD_DTYPE_HPFL  8  /* HP Fiber-link */
#define BSD_DTYPE_FLOPPY 10  /* floppy */

/* d_subtype values: */
#define BSD_DSTYPE_INDOSPART 0x8  /* is inside dos partition */
#define BSD_DSTYPE_DOSPART(s) ((s) & 3) /* dos partition number */
#define BSD_DSTYPE_GEOMETRY 0x10  /* drive params in label */

/*
* Filesystem type and version.
* Used to interpret other filesystem-specific
* per-partition information.
*/
#define BSD_FS_UNUSED 0  /* unused */
#define BSD_FS_SWAP     1  /* swap */
#define BSD_FS_V6       2  /* Sixth Edition */
#define BSD_FS_V7
   3  /* Seventh Edition */
#define BSD_FS_SYSV     4  /* System V */
#define BSD_FS_V71K     5  /* V7 with 1K blocks (4.1, 2.9) */
#define BSD_FS_V8       6  /* Eighth Edition, 4K blocks */
#define BSD_FS_BSDFFS 7  /* 4.2BSD fast file system */
#define BSD_FS_BSDLFS 9  /* 4.4BSD log-structured file system */
#define BSD_FS_OTHER 10  /* in use, but unknown/unsupported */
#define BSD_FS_HPFS 11  /* OS/2 high-performance file system */
```

```
#define BSD_FS_ISO9660 12  /* ISO-9660 filesystem (cdrom) */
#define BSD_FS_ISOFS BSD_FS_ISO9660
#define BSD_FS_BOOT 13  /* partition contains bootstrap */
#define BSD_FS_ADOS 14  /* AmigaDOS fast file system */
#define BSD_FS_HFS 15  /* Macintosh HFS */
#define BSD_FS_ADVFS 16  /* Digital Unix AdvFS */

/* this is annoying, but it's also the way it is :-( */
#ifdef __alpha__
#define BSD_FS_EXT2 8  /* ext2 file system */
#else
#define BSD_FS_MSDOS 8  /* MS-DOS file system */
#endif

/*
* flags shared by various drives:
*/
#define BSD_D_REMOVABLE 0x01  /*
 removable media */
#define BSD_D_ECC       0x02  /* supports ECC */
#define BSD_D_BADSECT 0x04  /* supports bad sector forw. */
#define BSD_D_RAMDISK 0x08  /* disk emulator */
#define BSD_D_CHAIN     0x10  /* can do back-back transfers */
#define BSD_D_DOSPART 0x20  /* within MSDOS partition */

#endif /* UTIL_LINUX_PT_BSD_H */
```

1.123 nfs-utils 2.8.2

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1.126 e2fsprogs 1.47.2

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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
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     ** library. This does NOT imply that all of Samba is released
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Gadi Oxman, August 1995

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Theodore Ts'o
23-June-2007

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That's all there is to it!
#
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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Upstream-Contact: Theodore Ts'o <tytso@mit.edu>
Source: http://sourceforge.net/projects/e2fsprogs
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1.127 ldns 1.8.4

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1.128 opencv 3.11

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John R. Hauser
2017 February 10

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

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

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1.130 autogen 5.18.16

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of the original library. The ordinary
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same job as widely used non-free libraries. In this
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interface definition files, plus the scripts used to control compilation
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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.)
@end enumerate

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2 above provided that you accompany
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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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A program that contains no derivative of any portion of the
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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.

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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.

@item
As an exception to the Sections above, you may also combine or
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modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

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directing the user to the copy of
this License. Also, you must do one
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@enumerate a
@item
Accompany the work with the complete corresponding
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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.)

@item
Use a suitable shared library mechanism for linking with the Library. A
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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
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@item
Accompany the work with a written offer, valid for at
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@item
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uncombined with any other library
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@item
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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@subheading END OF TERMS AND CONDITIONS

@page
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@end
smallexample

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`Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

That's all there is to it!
This subpackage is under the GPL, see file COPYING in the toplevel directory.
The libasprintf package is under the LGPL, see file COPYING.LIB.
/* Extract the last component (base name) of a file name.

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along with this program. If not, see <https://www.gnu.org/licenses/>. */

#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

/* This file uses _GL_ATTRIBUTE_PURE. */
#if !_GL_CONFIG_H_INCLUDED
#error "Please include config.h first."
#endif

```
#include <stddef.h>

#ifndef
 DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/* Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(),
 defined in <string.h>, does
      not consider trailing slashes to be part of the component:
          FILENAME      RESULT
          "foo/bar/"    ""
          "foo/bar//"   ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
          FILENAME      RESULT
          "foo/bar/"    "bar"
          "foo/bar//"   "bar"
          "/"           "/"
          "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;



#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
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@center Version 2, June 1991

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when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
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the Program is not required to print an announcement.)
@end enumerate

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machine-readable copy of the corresponding source code, to be
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received the program in object code or executable form with such
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@end enumerate

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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@end enumerate

@iftex
@heading END OF TERMS AND CONDITIONS
@end iftex
@ifinfo
@center END OF TERMS AND CONDITIONS

@end ifinfo

@page
@heading Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright'' line and a pointer to where the full notice is found.

@smallexample
@var{one line to give the program's name
and a brief idea of what it does.}
Copyright (C) @var{yyyy} @var{name of author}

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@end smallexample

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

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

@smallexample
Gnomovision version
 69, Copyright (C) @var{year} @var{name of author}
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
@end smallexample

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@samp{show c}; they could even be mouse-clicks or menu items---whatever
suits your program.

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

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

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

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- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

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Version 2.1, February 1999

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

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Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
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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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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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

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

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

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

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

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

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1.134 libxcrypt 4.4.38

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1.135 rpcbind 1.2.7

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1.142 otel-metric 1.31.0

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localtime.go, localtime_test.go:

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Changes:
  * Renamed files from civil* to localtime*.
  * Package changed from civil to toml.
  * 'Local' prefix added to all structs.
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Go support for Protocol Buffers - Google's data interchange format

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1.150 cachecontrol 0.12.11

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1.151 libarchive 3.4.0-2ubuntu1.4

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1.152 sqlx 1.3.3

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1.153 httpsnoop 1.0.4

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1.154 kerberos 1.18.3-6+deb11u5

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lib/gss_mechs/mech_krb5/et/kdb5_err.c
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lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
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lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
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lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c

lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c

lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
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kprop/kpropd_rpc.c
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1.155 x-mod 0.21.0

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1.156 xmltooling 3.0.5-1build1

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and valid for as
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the same way through the same place at no
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e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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1.165 aws-sdk-go-v2-service-cloudwatchlogs 1.32.0

1.165.1 Available under license :

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-
Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
  params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
  return nil,
 err
 }

 out := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}
```

```
type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{}, middleware.After)
 if err !=
 nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "AssociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
```

```
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack,
 options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "AssociateLicense",
 }
}
```

AWS SDK for Go

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```
name: License Scan

on: [pull_request]

jobs:
 licensescan:
   name: License Scan
   runs-on: ubuntu-latest
   strategy:
     matrix:
       python-version: [3.9]

   steps:
     - name: Checkout target
       uses: actions/checkout@v2
       with:
         path: sdkbase
         ref: ${{ github.base_ref }}
     - name: Checkout this ref
       uses: actions/checkout@v2
       with:
         path: new-ref
```

```
        fetch-depth: 0
    - name: Get Diff
      run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
    - name: Get Target Files
      run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
    - name: Checkout scancode
      uses: actions/checkout@v2
      with:
        repository: nexB/scancode-toolkit
        path: scancode-toolkit
        fetch-depth: 1
    - name: Set up Python ${{ matrix.python-version }}
      uses: actions/setup-python@v2
      with:
        python-version: ${{ matrix.python-version }}
    # ScanCode
    - name: Self-configure scancode
      working-directory: ./scancode-toolkit
      run: ./scancode --help
    - name: Run Scan code on target
      run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
    - name: Run Scan code on pr ref
      run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
    # compare
    - name: License test
      run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
  params = &CheckInLicenseInput{}
```

```
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckInLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
```

```
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
```

```
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckInLicense",
 }
}
{
  "smithy": "2.0",
  "shapes": {
     "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger": {
        "type": "integer"
     },
     "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong": {
        "type": "long"
     },
     "com.amazonaws.licensemanagerlinuxsubscriptions#Filter": {
        "type": "structure",
        "members": {
           "Name": {
              "target": "smithy.api#String",
              "traits": {
                 "smithy.api#documentation": "<p>The type of name to filter by.</p>"
              }
           },
           "Values": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
```

```
            "traits": {
                "smithy.api#documentation": "<p>One or more values for the name to filter by.</p>"
            }
        },
        "Operator": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Operator",
            "traits": {
                "smithy.api#documentation": "<p>An operator for filtering results.</p>"
            }
        }
    },
    "traits": {
        "smithy.api#documentation": "<p>A filter object that is used to return more specific results from a describe
operation.\n      Filters can be used to match a set of resources by specific criteria.</p>"
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#FilterList": {
    "type": "list",
    "member": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Filter"
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings": {
    "type": "operation",
    "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest"
    },
    "output": {

      "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse"
    },
    "errors": [
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
        },
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
        },
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
        }
    ],
    "traits": {
        "smithy.api#documentation": "<p>Lists the Linux subscriptions service settings.</p>",
        "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/subscription/GetServiceSettings"
```

```
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest":
{
        "type": "structure",
        "members": {}
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse": {
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },
            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>Lists the settings defined for Linux subscriptions discovery. The
settings include if\n      Organizations integration has been enabled, and
 which Regions data will be aggregated from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
                    "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation": "<p>A message which details the Linux subscriptions service settings
current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays
 the aggregated data for Linux\n      subscriptions.</p>"
                }
            }
        }
```

```
},
"com.amazonaws.licensemanagerlinuxsubscriptions#Instance": {
  "type": "structure",
  "members": {
    "AmiId": {
      "target": "smithy.api#String",
      "traits": {
        "smithy.api#documentation": "<p>The AMI ID used to launch the instance.</p>"
      }
    },
    "InstanceID": {
      "target": "smithy.api#String",
      "traits": {
        "smithy.api#documentation": "<p>The instance ID of the resource.</p>"
      }
    },
    "InstanceType": {
      "target": "smithy.api#String",
      "traits": {
        "smithy.api#documentation": "<p>The instance type of the resource.</p>"
      }

 },
    "AccountID": {
      "target": "smithy.api#String",
      "traits": {
        "smithy.api#documentation": "<p>The account ID which owns the instance.</p>"
      }
    },
    "Status": {
      "target": "smithy.api#String",
      "traits": {
        "smithy.api#documentation": "<p>The status of the instance.</p>"
      }
    },
    "Region": {
      "target": "smithy.api#String",
      "traits": {
        "smithy.api#documentation": "<p>The Region the instance is running in.</p>"
      }
    },
    "UsageOperation": {
      "target": "smithy.api#String",
      "traits": {
        "smithy.api#documentation": "<p>The usage operation of the instance. For more information, see For
 more information, see\n        <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-
subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User
Guide</i>.</p>"
```

```
            }
          },
          "ProductCode": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList",
            "traits": {
              "smithy.api#documentation": "<p>The product code for the instance. For more information, see <a
href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-
operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i> .</p>"
            }
          },
          "LastUpdatedTime": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The time in which the last discovery
 updated the instance details.</p>"
            }
          },
          "SubscriptionName": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the subscription being used by the instance.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>Details discovered information about a running instance using Linux
subscriptions.</p>"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Instance"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
           }
        },
        "traits": {
          "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
          "smithy.api#error": "server"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#LicenseManagerLinuxSubscriptions": {
```

```
        "type": "service",
        "version": "2018-05-10",
        "operations": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings"
            }
        ],

    "traits": {
        "aws.api#service": {
            "sdkId": "License Manager Linux Subscriptions",
            "arnNamespace": "license-manager-linux-subscriptions",
            "cloudTrailEventSource": "license-manager-linux-subscriptions.amazonaws.com"
        },
        "aws.auth#sigv4": {
            "name": "license-manager-linux-subscriptions"
        },
        "aws.protocols#restJson1": {},
        "smithy.api#cors": {
            "additionalAllowedHeaders": [
                "*",
                "content-type",
                "x-amz-content-sha256",
                "x-amz-user-agent",
                "x-amzn-platform-id",
                "x-amzn-trace-id",
                "content-length",
                "x-api-key",
                "authorization",
                "x-amz-date",

"x-amz-security-token",
                "Access-Control-Allow-Headers",
                "Access-Control-Allow-Methods",
                "Access-Control-Allow-Origin"
            ],
            "additionalExposedHeaders": [
                "x-amzn-errortype",
                "x-amzn-requestid",
```

```
            "x-amzn-trace-id"
          ]
        },
        "smithy.api#documentation": "<p>With License Manager, you can discover and track your commercial Linux subscriptions on running\n      Amazon EC2 instances.</p>",
        "smithy.api#title": "AWS License Manager Linux Subscriptions",
        "smithy.rules#endpointRuleSet": {
          "version": "1.0",
          "parameters": {
            "Region": {
              "builtIn": "AWS::Region",
              "required": false,
              "documentation": "The
 AWS region used to dispatch the request.",
              "type": "String"
            },
            "UseDualStack": {
              "builtIn": "AWS::UseDualStack",
              "required": true,
              "default": false,
              "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
              "type": "Boolean"
            },
            "UseFIPS": {
              "builtIn": "AWS::UseFIPS",
              "required": true,
              "default": false,
              "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",

             "type": "Boolean"
            },
            "Endpoint": {
              "builtIn": "SDK::Endpoint",
              "required": false,
              "documentation": "Override the endpoint used to send this request",
              "type": "String"
            }
          },
          "rules": [
            {
              "conditions": [
                {
                  "fn": "isSet",
                  "argv": [
                    {
                      "ref": "Endpoint"
```

```
            }
          ]
        }
      ],
      "type": "tree",
      "rules": [
        {

        "conditions": [
              {
                "fn": "booleanEquals",
                "argv": [
                  {
                    "ref": "UseFIPS"
                  },
                  true
                ]
              }
            ],
            "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
            "type": "error"
        },
        {
            "conditions": [],
            "type": "tree",
            "rules": [
              {

          "conditions": [
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        {
                          "ref": "UseDualStack"
                        },
                        true
                      ]
                    }
                  ],
                  "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                  "type": "error"
              },
              {
                "conditions": [],

    "endpoint": {
                    "url": {
                      "ref": "Endpoint"
```

```
                        },
                        "properties": {},
                        "headers": {}
                    },
                    "type": "endpoint"
                }
            ]
        }
    ]
},
{
    "conditions": [],
    "type": "tree",
    "rules": [
        {
            "conditions": [
                {
                    "fn": "isSet",

    "argv": [
                        {
                            "ref": "Region"
                        }
                    ]
                }
            ],
            "type": "tree",
            "rules": [
                {
                    "conditions": [
                        {
                            "fn": "aws.partition",
                            "argv": [
                                {
                                    "ref": "Region"
                                }
                            ],

"assign": "PartitionResult"
                        }
                    ],
                    "type": "tree",
                    "rules": [
                        {
                            "conditions": [
                                {
                                    "fn": "booleanEquals",
                                    "argv": [
```

```
                {
                  "ref": "UseFIPS"
                },
                true
              ]
            },

        {
            "fn": "booleanEquals",
            "argv": [
              {
                "ref": "UseDualStack"
              },
              true
            ]
          }
        ],
        "type": "tree",
        "rules": [
          {
            "conditions": [
              {

            "fn": "booleanEquals",
                "argv": [
                  true,
                  {
                    "fn": "getAttr",
                    "argv": [
                      {
                        "ref": "PartitionResult"
                      },
                      "supportsFIPS"
                    ]

}
                  ]
                },
                {
                  "fn": "booleanEquals",
                  "argv": [
                    true,
                    {
                      "fn": "getAttr",
                      "argv": [
                        {
                          "ref": "PartitionResult"
                        },
```

```
                "supportsDualStack"
                    ]
                  }
                ]
              }
            ],
            "type": "tree",
            "rules": [
              {
                "conditions": [],
                "type": "tree",
                "rules": [
                  {

          "conditions": [],
                      "endpoint": {
                        "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                        "properties": {},
                        "headers": {}
                      },
                      "type": "endpoint"
                    }
                ]
              }
            ]

        },
          {
            "conditions": [],
            "error": "FIPS and DualStack are enabled, but this partition does not support
one or both",
            "type": "error"
          }
        ]
      },
      {
        "conditions": [
          {
            "fn": "booleanEquals",
            "argv": [
              {

    "ref": "UseFIPS"
              },
              true
            ]
```

```
                }
            ],
            "type": "tree",
            "rules": [
                {
                    "conditions": [
                        {
                            "fn": "booleanEquals",
                            "argv": [
                                true,

{
                                        "fn": "getAttr",
                                        "argv": [
                                            {
                                                "ref": "PartitionResult"
                                            },
                                            "supportsFIPS"
                                        ]
                                    }
                                ]
                            }
                        ],
                        "type": "tree",

                    "rules": [
                            {
                                "conditions": [],
                                "type": "tree",
                                "rules": [
                                    {
                                        "conditions": [],
                                        "endpoint": {
                                            "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                                            "properties": {},
                                            "headers": {}

                                        },
                                        "type": "endpoint"
                                    }
                                ]
                            }
                        ]
                    },
                    {
                        "conditions": [],
                        "error": "FIPS is enabled but this partition does not support FIPS",
```

```
                "type": "error"
            }
        ]

},
    {
        "conditions": [
            {
                "fn": "booleanEquals",
                "argv": [
                    {
                        "ref": "UseDualStack"
                    },
                    true
                ]
            }
        ],
        "type": "tree",
        "rules": [
            {

         "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            true,
                            {
                                "fn": "getAttr",
                                "argv": [
                                    {
                                        "ref": "PartitionResult"
                                    },
                                    "supportsDualStack"
                                ]
                            }
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
                    {
                        "conditions": [],
                        "type": "tree",
                        "rules": [
                            {
                                "conditions": [],
```

```
                                    "endpoint": {
                                        "url": "https://license-manager-linux-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                        "properties": {},
                                        "headers": {}
                                    },
                                    "type": "endpoint"
                                }
                            ]
                        }
                    ]
                },

        {
                    "conditions": [],
                    "error": "DualStack is enabled but this partition does not support DualStack",
                    "type": "error"
                }
            ]
        },
        {
            "conditions": [],
            "type": "tree",
            "rules": [
                {
                    "conditions": [],
                    "endpoint": {
                        "url":
"https://license-manager-linux-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                        "properties": {},
                        "headers": {}
                    },
                    "type": "endpoint"
                }
            ]
        }
    ]
  }
 ]
},
{
    "conditions": [],
    "error": "Invalid Configuration: Missing Region",
    "type": "error"
}
]
}
]
```

```
    },
    "smithy.rules#endpointTests": {
      "testCases": [
        {
          "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
          "expect": {

"endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-east-1.amazonaws.com"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions.us-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
             "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions.us-east-1.amazonaws.com"
```

```
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "endpoint": {

      "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": true,
         "UseDualStack": false
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
```

```
        {
          "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint":
{
              "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
             "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.amazonaws.com"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint":
{
              "url": "https://license-manager-linux-subscriptions.us-gov-east-1.api.aws"
            }
          },
```

```
    "params": {
      "Region": "us-gov-east-1",
      "UseFIPS": false,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.us-gov-east-1.amazonaws.com"
      }
    },
    "params": {
      "Region": "us-gov-east-1",
      "UseFIPS": false,
       "UseDualStack": false
    }
  },
  {
    "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
    },
    "params": {
      "Region": "us-iso-east-1",
      "UseFIPS": true,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
       }
    },
    "params": {
      "Region": "us-iso-east-1",
      "UseFIPS": true,
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
    "expect": {
      "error": "DualStack is enabled but this partition does not support DualStack"
    },
```

```
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {

"documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.us-iso-east-1.c2s.ic.gov"
        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
      },
      "params": {

     "Region": "us-isob-east-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
        }
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS disabled
```

```
and DualStack enabled",
                    "expect": {
                      "error": "DualStack is enabled but this partition does not support DualStack"
                    },
                    "params": {
                      "Region": "us-isob-east-1",
                      "UseFIPS": false,
                      "UseDualStack": true
                    }
                  },
                  {
                    "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
                    "expect": {
                      "endpoint": {
                        "url": "https://license-manager-linux-subscriptions.us-isob-east-1.sc2s.sgov.gov"
                      }
                    },
                    "params": {
                      "Region": "us-isob-east-1",

          "UseFIPS": false,
                      "UseDualStack": false
                    }
                  },
                  {
                    "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
                    "expect": {
                      "endpoint": {
                        "url": "https://example.com"
                      }
                    },
                    "params": {
                      "Region": "us-east-1",
                      "UseFIPS": false,
                      "UseDualStack": false,
                      "Endpoint": "https://example.com"
                    }
                  },
                  {
                    "documentation": "For custom endpoint with region not set and fips disabled and dualstack
disabled",

            "expect": {
                      "endpoint": {
                        "url": "https://example.com"
                      }
                    },
                    "params": {
```

```
                "UseFIPS": false,
                "UseDualStack": false,
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "For custom endpoint with fips enabled and dualstack disabled",
              "expect": {
                "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
              },
              "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": false,

        "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "For custom endpoint with fips disabled and dualstack enabled",
              "expect": {
                "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
              },
              "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                "UseDualStack": true,
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "Missing region",
              "expect": {
                "error": "Invalid Configuration: Missing Region"
              }

      }
          ],
          "version": "1.0"
        }
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery": {
      "type": "string",
      "traits": {
        "smithy.api#enum": [
          {
            "name": "Enabled",
```

```
                "value": "Enabled",
                "documentation": "Enabled LinuxSubscriptionsDiscovery"
            },
            {
                "name": "Disabled",
                "value": "Disabled",
                "documentation": "Disabled LinuxSubscriptionsDiscovery"
            }
        ]
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings": {
    "type": "structure",
    "members": {
        "SourceRegions": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
            "traits": {
                "smithy.api#documentation": "<p>The Regions in which to discover data for Linux
subscriptions.</p>",
                "smithy.api#required": {}
            }
        },
        "OrganizationIntegration": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration",
            "traits": {
                "smithy.api#documentation": "<p>Details if you have enabled resource discovery across your
accounts in Organizations.</p>",
                "smithy.api#required": {}
            }
        }
    },
    "traits": {
        "smithy.api#documentation": "<p>Lists the settings defined for discovering Linux subscriptions.</p>"
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances": {
    "type":
"operation",
    "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest"
    },
    "output": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse"
    },
    "errors": [
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
        },
```

```
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Lists the running Amazon EC2 instances that were discovered with commercial Linux\n      subscriptions.</p>",
            "smithy.api#http": {

        "code": 200,
               "method": "POST",
               "uri": "/subscription/ListLinuxSubscriptionInstances"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "Instances"
            }
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest": {
         "type": "structure",
         "members": {
            "Filters": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
               "traits": {
                  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by
 the name of\n      <code>AmiID</code> with an optional operator to see subscriptions that match, partially\n match, or don't match a certain Amazon Machine Image (AMI) ID.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>AmiID</code>\n      </p>\n </li>\n      <li>\n      <p>\n      <code>InstanceID</code>\n      </p>\n      </li>\n <li>\n      <p>\n      <code>AccountID</code>\n      </p>\n      </li>\n      <li>\n <p>\n      <code>Status</code>\n      </p>\n      </li>\n      <li>\n      <p>\n <code>Region</code>\n      </p>\n      </li>\n      <li>\n      <p>\n <code>UsageOperation</code>\n      </p>\n      </li>\n      <li>\n
    <p>\n      <code>ProductCode</code>\n      </p>\n      </li>\n      <li>\n      <p>\n
     <code>InstanceType</code>\n      </p>\n      </li>\n      </ul>\n      <p>The valid Operators for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>contains</code>\n      </p>\n </li>\n      <li>\n      <p>\n      <code>equals</code>\n      </p>\n      </li>\n      <li>\n
        <p>\n      <code>Notequal</code>\n      </p>\n      </li>\n      </ul>"
               }
            },
```

```
            "MaxResults": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
              "traits": {
                "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"

      }
            },
            "NextToken": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>",
                "smithy.api#length": {
                  "min": 1,
                  "max": 16384
                }
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse": {
          "type": "structure",
          "members": {
            "Instances": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList",
              "traits": {
                "smithy.api#documentation":
 "<p>An array that contains instance objects.</p>"
              }
            },
            "NextToken": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse"
```

```
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
             },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the Linux subscriptions that have been discovered. If you have linked your\n      organization, the returned results will include data aggregated across your accounts in\n Organizations.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/ListLinuxSubscriptions"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "Subscriptions"
            }

        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest": {
        "type": "structure",
        "members": {
            "Filters": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
                "traits": {
                    "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n <code>Subscription</code> with an optional operator to see subscriptions that match,\n      partially match, or don't match a certain subscription's name.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n <li>\n          <p>\n              <code>Subscription</code>\n          </p>\n      </li>\n      </ul>\n <p>The valid Operators for this filter are:</p>\n
      <ul>\n      <li>\n          <p>\n              <code>contains</code>\n          </p>\n      </li>\n <li>\n          <p>\n              <code>equals</code>\n          </p>\n      </li>\n      <li>\n          <p>\n
          <code>Notequal</code>\n          </p>\n      </li>\n      </ul>"
                }
            },
```

```
            "MaxResults": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
              "traits": {
                "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
              }
            },
            "NextToken": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>",
                "smithy.api#length": {

                  "min": 1,
                    "max": 16384
                }
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse": {
          "type": "structure",
          "members": {
            "Subscriptions": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList",
              "traits": {
                "smithy.api#documentation": "<p>An array that contains subscription objects.</p>"
              }
            },
            "NextToken": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#Operator": {
          "type": "string",
          "traits": {
            "smithy.api#enum": [
              {
                "name": "EQUAL",
                "value": "Equal",
```

```
                "documentation": "Equal operator"
            },
            {
                "name": "NOT_EQUAL",
                "value": "NotEqual",
                "documentation": "Not equal operator"
            },
            {
                "name": "CONTAINS",
                "value": "Contains",
                "documentation": "Contains operator"
            }
        ],
        "smithy.api#length": {
            "min": 1,
            "max": 20
        }
    }
},

"com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration": {
    "type": "string",
    "traits": {
        "smithy.api#enum": [
            {
                "name": "Enabled",
                "value": "Enabled",
                "documentation": "Enabled OrganizationIntegration"
            },
            {
                "name": "Disabled",
                "value": "Disabled",
                "documentation": "Disabled OrganizationIntegration"
            }
        ]
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList": {
    "type": "list",
    "member": {
        "target": "smithy.api#String"
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#Status": {
    "type": "string",
    "traits": {
        "smithy.api#enum": [
```

```
    {
                "name": "InProgress",
                "value": "InProgress",
                "documentation": "InProgress status"
            },
            {
                "name": "Completed",
                "value": "Completed",
                "documentation": "Completed status"
            },
            {
                "name": "Successful",
                "value": "Successful",
                "documentation": "Successful status"
            },
            {
                "name": "Failed",
                "value": "Failed",
                "documentation": "Failed status"
            }
        ]
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#StringList": {
      "type": "list",
      "member": {
        "target": "smithy.api#String",
        "traits":
{
            "smithy.api#length": {
              "min": 1,
              "max": 100
            }
        }
      },
      "traits": {
        "smithy.api#length": {
          "min": 1,
          "max": 100
        },
        "smithy.api#uniqueItems": {}
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap": {
      "type": "map",
      "key": {
        "target": "smithy.api#String"
      },
```

```
        "value": {
            "target": "smithy.api#String"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription": {
        "type": "structure",
        "members": {
            "Name": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the subscription.</p>"

        }
            },
            "Type": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The type of subscription. The type can be subscription-included with Amazon EC2, Bring Your Own\n      Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain subscriptions may use licensing from the\n      Amazon Web Services Marketplace as well as OS licensing from Amazon EC2 or BYOS.</p>"
                }
            },
            "InstanceCount": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong",
                "traits": {
                    "smithy.api#documentation": "<p>The total amount of running instances using this subscription.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>An object which details a discovered Linux subscription.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
```

```
      "traits": {
        "smithy.api#documentation": "<p>The request was denied due to request throttling.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest"
      },

    "output": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Updates the service settings for Linux subscriptions.</p>",
        "smithy.api#http": {
          "code": 200,
          "method": "POST",
          "uri": "/subscription/UpdateServiceSettings"
        },
        "smithy.api#idempotent": {}
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest":
{
      "type": "structure",
      "members": {
        "LinuxSubscriptionsDiscovery": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
          "traits": {
            "smithy.api#documentation": "<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
            "smithy.api#required": {}
          }
        },
        "LinuxSubscriptionsDiscoverySettings": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
```

```
            "traits": {
                "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated from.</p>",

  "smithy.api#required": {}
            }
          },
          "AllowUpdate": {
            "target": "smithy.api#Boolean",
            "traits": {
              "smithy.api#documentation": "<p>Describes if updates are allowed to the service settings for Linux subscriptions. If you\n      allow updates, you can aggregate Linux subscription data in more than one home Region.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse": {
        "type": "structure",
        "members": {
          "LinuxSubscriptionsDiscovery": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
            "traits": {
              "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
            }
          },

         "LinuxSubscriptionsDiscoverySettings": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
            "traits": {
              "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated from.</p>"
            }
          },
          "Status": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
            "traits": {
              "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being applied.</p>"
            }
          },
          "StatusMessage": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
            "traits": {
              "smithy.api#documentation":
```

```
 "<p>A message which details the Linux subscriptions service settings current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays the aggregated
data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The provided input is not valid. Try your request again.</p>",
            "smithy.api#error": "client"
        }
    }
  }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
  params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
```

```
c.addOperationListLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //   - Beneficiary
 //   - ProductSKU
 //   - Fingerprint
 //
   - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
```

```
 return err
}
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{}, middleware.After)
if err != nil {
 return err
}
if
err := addProtocolFinalizerMiddlewares(stack, options, "ListLicenses"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
err != nil {
 return err
```

```
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:
     ServiceID,
  OperationName: "ListLicenses",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
```

```
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
  params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 //
 This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
```

```
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack,
 options, "DisassociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
```

```
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata
 {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "DisassociateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.
```

```
package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
  params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
 CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // License entitlements.
 //
```

```
    // This member is required.
    Entitlements []types.EntitlementData

    // Key fingerprint identifying the license.
    //
    // This member is required.
    KeyFingerprint *string

    // Product SKU.
    //
    // This member is required.
    ProductSKU *string

    // License beneficiary.
    Beneficiary *string

    // Node ID.
    NodeId *string

    noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

    // Checkout type.
    CheckoutType types.CheckoutType

    // Allowed license entitlements.
    EntitlementsAllowed []types.EntitlementData

    // Date and time at which the license checkout expires.
    Expiration *string

    // Date and time at which the license checkout is issued.
    IssuedAt *string

    // Amazon Resource
    Name (ARN) of the checkout license.
    LicenseArn *string

    // License consumption token.
    LicenseConsumptionToken *string

    // Node ID.
    NodeId *string

    // Signed token.
    SignedToken *string
```

```
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil
 {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
```

```
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack);
 err != nil {
  return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutLicense",
 }
```

```
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
  params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier
 that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod
```

```
// License entitlements. Partial checkouts are not supported.
//
// This member is required.
Entitlements []types.EntitlementData

// Amazon Resource Name (ARN) of the license. The license must use the borrow
// consumption configuration.
//
// This member is required.
LicenseArn *string

// Information about constraints.
CheckoutMetadata []types.Metadata

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

// Information about constraints.
CheckoutMetadata []types.Metadata

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string
```

```
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return
 err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutBorrowLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
```

```
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return
 err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutBorrowLicense",
 }
```

```
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
  params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide
 to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional
```

```
// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity
*types.DatetimeRange

// Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
}
```

```
type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CreateLicense"); err != nil {
  return fmt.Errorf("add
 protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
```

```
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
```

```
 return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName:
 "CreateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
  params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
```

```
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "GetLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return
 err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
```

```
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpGetLicenseValidationMiddleware(stack);
 err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
```

```
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "GetLicense",
 }
}
```

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 OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
```

```
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
  params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
   - ProductSKU
 //   - Status
 //   - Fingerprint
 //   - IssuerName
 //   - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}
```

```
type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{},
 middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "ListReceivedLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
```

```
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region
```

```
string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region:       region,
 ServiceID:    ServiceID,
 OperationName: "ListReceivedLicenses",
 }
}
```

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```
{
  "smithy": "2.0",
  "shapes": {
    "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>You don't have sufficient access to perform this action.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider": {
      "type": "structure",
      "members": {
        "DirectoryId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The directory ID for an Active Directory identity provider.</p>"
          }
```

```
            }
        },
        "traits": {
            "smithy.api#documentation":
"<p>Details about an Active Directory identity provider.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUser": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Associates the user to an EC2 instance to utilize user-based
subscriptions.</p>\n        <note>\n            <p>Your estimated bill for charges on the number of users and related
costs will take 48\n        hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing
status) in Amazon Web Services Billing. For more information, see <a
href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n
        monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n        </note>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
```

```
            "uri": "/user/AssociateUser"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest": {
        "type": "structure",
        "members": {
          "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
              "smithy.api#required": {}
            }
          },
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the
EC2 instance, which provides user-based subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>The identity provider of the user.</p>",
              "smithy.api#required": {}
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
             "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
              "smithy.api#required": {}
            }
          }
```

```
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#BoxInteger": {
        "type": "integer"
      },
      "com.amazonaws.licensemanagerusersubscriptions#ConflictException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request couldn't be completed because it conflicted with the current state of the\n      resource.</p>",
          "smithy.api#error": "server"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
```

```
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Deregisters the identity provider from providing user-based
subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/DeregisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
            "IdentityProviderSummary": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
                "traits": {
                    "smithy.api#documentation":
"<p>Metadata that describes the results of an identity provider operation.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser": {
        "type": "operation",
        "input": {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Disassociates the user from an EC2 instance providing user-based
subscriptions.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/DisassociateUser"
            },
            "smithy.api#idempotent": {}
          }

 },
     "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                "smithy.api#required": {}
```

```
            }
          },
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation":
"<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },

    "com.amazonaws.licensemanagerusersubscriptions#Filter": {
        "type": "structure",
        "members": {
          "Attribute": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of an attribute to use as a filter.</p>"
            }
          },
```

```
            "Operation": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The type of search (For example, eq, geq, leq)</p>"
                }
            },
            "Value": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Value of the filter.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>A filter name and value pair that is used
 to return more specific results from a describe\n      operation. Filters can be used to match a set of resources by
specific criteria, such as tags,\n      attributes, or IDs.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#FilterList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Filter"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider": {
        "type": "union",
        "members": {
            "ActiveDirectoryIdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that details an Active Directory identity provider.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation":
 "<p>Details about an identity provider.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
```

```
            }
          },
          "Settings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
            "traits": {
              "smithy.api#documentation": "<p>An object that details the registered identity providers product
related configuration\n      settings such as the subnets to provision VPC endpoints.</p>",
              "smithy.api#required":
{}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status of an identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "FailureMessage": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The failure message associated with an identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
"<p>Describes an identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary": {
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
```

```
            "traits": {
                "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                "smithy.api#required": {}
            }
        },
        "Status": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The status
 of an EC2 instance resource.</p>",
                "smithy.api#required": {}
            }
        },
        "Products": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StringList",
            "traits": {
                "smithy.api#documentation": "<p>A list of provided user-based subscription products.</p>",
                "smithy.api#required": {}
            }
        },
        "LastStatusCheckDate": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The date of the last status check.</p>"
            }
        },
        "StatusMessage": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The status message for an EC2 instance.</p>"
            }

    }
        },
        "traits": {
            "smithy.api#documentation": "<p>Describes an EC2 instance providing user-based subscriptions.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary": {
        "type": "structure",
        "members": {
```

```
        "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
            "smithy.api#required": {}
          }
        },
        "InstanceId": {
          "target": "smithy.api#String",
          "traits":
{
            "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
            "smithy.api#required": {}
          }
        },
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }
        },
        "Status": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status of a user associated with an EC2 instance.</p>",
            "smithy.api#required": {}
          }
        },
        "StatusMessage": {
          "target": "smithy.api#String",
           "traits": {
            "smithy.api#documentation": "<p>The status message for users of an EC2 instance.</p>"
          }
        },
        "Domain": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The domain name of the user.</p>"
          }
        },
        "AssociationDate": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The date a user was associated with an EC2 instance.</p>"
          }
        },
```

```
            "DisassociationDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The date a user was disassociated from an EC2 instance.</p>"
               }
            }

   },
         "traits": {
            "smithy.api#documentation": "<p>Describes users of an EC2 instance providing user-based
subscriptions.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InternalServerException": {
         "type": "structure",
         "members": {
            "message": {
               "target": "smithy.api#String"
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
            "smithy.api#error": "server"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#LicenseManagerUserSubscriptions": {
         "type": "service",

       "version": "2018-05-10",
         "operations": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUser"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders"
            },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstances"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations"

},
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings"
            }
        ],
        "traits": {
            "aws.api#service": {
                "sdkId": "License Manager User Subscriptions",
                "arnNamespace": "license-manager-user-subscriptions",
                "cloudTrailEventSource": "license-manager-user-subscriptions.amazonaws.com"
            },
            "aws.auth#sigv4": {
                "name": "license-manager-user-subscriptions"
             },
            "aws.protocols#restJson1": {},
            "smithy.api#cors": {
                "additionalAllowedHeaders": [
                    "*",
                    "content-type",
                    "x-amz-content-sha256",
                    "x-amz-user-agent",
                    "x-amzn-platform-id",
                    "x-amzn-trace-id",
                    "content-length",
                    "x-api-key",
                    "authorization",
                    "x-amz-date",
                    "x-amz-security-token",
                    "Access-Control-Allow-Headers",
                    "Access-Control-Allow-Methods",
```

```
            "Access-Control-Allow-Origin"
          ],
          "additionalExposedHeaders": [
            "x-amzn-errortype",
            "x-amzn-requestid",
            "x-amzn-trace-id"

 ]
        },
        "smithy.api#documentation": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with\n      a per user subscription fee on Amazon EC2 instances.</p>",
        "smithy.api#title": "AWS License Manager User Subscriptions",
        "smithy.rules#endpointRuleSet": {
          "version": "1.0",
          "parameters": {
            "Region": {
              "builtIn": "AWS::Region",
              "required": false,
              "documentation": "The AWS region used to dispatch the request.",
              "type": "String"
            },
            "UseDualStack": {
              "builtIn": "AWS::UseDualStack",
              "required": true,
              "default": false,
              "documentation": "When true, use the dual-stack
 endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
              "type": "Boolean"
            },
            "UseFIPS": {
              "builtIn": "AWS::UseFIPS",
              "required": true,
              "default": false,
              "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
              "type": "Boolean"
            },
            "Endpoint": {
              "builtIn": "SDK::Endpoint",
              "required": false,
              "documentation": "Override the endpoint used to send this request",
              "type": "String"
            }

      },
          "rules": [
            {
              "conditions": [
```

```
            {
              "fn": "isSet",
              "argv": [
                {
                  "ref": "Endpoint"
                }
              ]
            }
          ],
          "type": "tree",
          "rules": [
            {
              "conditions": [
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseFIPS"
                    },

                    true
                  ]
                }
              ],
              "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
              "type": "error"
            },
            {
              "conditions": [
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseDualStack"
                    },
                    true
                  ]
                }
              ],

        "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
              "type": "error"
            },
            {
              "conditions": [],
              "endpoint": {
                "url": {
                  "ref": "Endpoint"
```

```
                    },
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    },
    {
        "conditions": [
            {
                "fn": "isSet",
                "argv": [

    {
                        "ref": "Region"
                    }
                ]
            }
        ],
        "type": "tree",
        "rules": [
            {
                "conditions": [
                    {
                        "fn": "aws.partition",
                        "argv": [
                            {
                                "ref": "Region"
                            }
                        ],
                        "assign": "PartitionResult"
                    }
                ],
                "type": "tree",

"rules": [
                    {
                        "conditions": [
                            {
                                "fn": "booleanEquals",
                                "argv": [
                                    {
                                        "ref": "UseFIPS"
                                    },
                                    true
                                ]
                            },
```

```
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseDualStack"

                    },
                    true
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                }
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              "rules": [
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                  "conditions": [
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        true,
                        {
                          "fn": "getAttr",

"argv": [
                            {
                              "ref": "PartitionResult"
                            },
                            "supportsFIPS"
                          ]
                        }
                      ]
                    },
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        true,
                        {

        "fn": "getAttr",
                            "argv": [
                              {
                                "ref": "PartitionResult"
                              },
                              "supportsDualStack"
                            ]
                          }
                        ]
                      }
                    ],
```

```
                "type": "tree",
                "rules": [
                    {

            "conditions": [],
                        "endpoint": {
                            "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                            "properties": {},
                            "headers": {}
                        },
                        "type": "endpoint"
                    }
                ]
            },
            {
                "conditions": [],
                "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
                 "type": "error"
            }
        ]
    },
    {
        "conditions": [
            {
                "fn": "booleanEquals",
                "argv": [
                    {
                        "ref": "UseFIPS"
                    },
                    true
                ]
            }
        ],
        "type": "tree",

      "rules": [
            {
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            true,
                            {
                                "fn": "getAttr",
                                "argv": [
                                    {
```

```
                                    "ref": "PartitionResult"
                                },
                                "supportsFIPS"

                            ]
                        }
                    ]
                }
            ],
            "type": "tree",
            "rules": [
                {
                    "conditions": [],
                    "endpoint": {
                        "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                        "properties": {},
                        "headers": {}

    },
                    "type": "endpoint"
                }
            ]
        },
        {
            "conditions": [],
            "error": "FIPS is enabled but this partition does not support FIPS",
            "type": "error"
        }
    ]
},
{
    "conditions": [
        {
            "fn": "booleanEquals",
            "argv": [
                {
                    "ref": "UseDualStack"
                },
                true
            ]
        }
    ],
    "type": "tree",
    "rules": [
        {
            "conditions": [
                {
```

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                "fn": "booleanEquals",
                "argv": [
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                  {

                   "fn": "getAttr",
                      "argv": [
                        {
                          "ref": "PartitionResult"
                        },
                        "supportsDualStack"
                      ]
                    }
                  ]
                }
              ],
              "type": "tree",
              "rules": [
                {

                  "conditions": [],
                   "endpoint": {
                      "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                      "properties": {},
                      "headers": {}
                    },
                    "type": "endpoint"
                }
              ]
            },
            {
              "conditions": [],
              "error": "DualStack is enabled but this partition does
 not support DualStack",
              "type": "error"
            }
          ]
        },
        {
          "conditions": [],
          "endpoint": {
            "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dnsSuffix}",
            "properties": {},
            "headers": {}
          },
          "type": "endpoint"
```

```
                        }
                      ]
                    }
                  ]
                },
                {
                  "conditions":
[],
                  "error": "Invalid Configuration: Missing Region",
                  "type": "error"
                }
              ]
            },
            "smithy.rules#endpointTests": {
              "testCases": [
                {
                  "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
                  "expect": {
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions-fips.us-east-1.api.aws"
                    }
                  },
                  "params": {
                    "Region": "us-east-1",
                    "UseFIPS": true,
                    "UseDualStack": true
                  }
                },
                {
                  "documentation":
"For region us-east-1 with FIPS enabled and DualStack disabled",
                  "expect": {
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions-fips.us-east-1.amazonaws.com"
                    }
                  },
                  "params": {
                    "Region": "us-east-1",
                    "UseFIPS": true,
                    "UseDualStack": false
                  }
                },
                {
                  "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
                  "expect": {
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions.us-east-1.api.aws"
                    }
```

```
        },

      "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": true
        }
      },
      {
        "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions.us-east-1.amazonaws.com"
          }
        },
        "params": {
          "Region": "us-east-1",
          "UseFIPS": false,
          "UseDualStack": false
        }
      },
      {
        "documentation": "For region cn-north-1 with
 FIPS enabled and DualStack enabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions-fips.cn-north-
1.api.amazonwebservices.com.cn"
          }
        },
        "params": {
          "Region": "cn-north-1",
          "UseFIPS": true,
          "UseDualStack": true
        }
      },
      {
        "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions-fips.cn-north-1.amazonaws.com.cn"
          }
        },

    "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
            "UseDualStack": false
```

```
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region cn-north-1
with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions.cn-north-1.amazonaws.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.api.aws"
        }
      },

    "params": {
        "Region": "us-gov-east-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.amazonaws.com"
```

```
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1
with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-gov-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-gov-east-1.amazonaws.com"
            }
          },

    "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
```

```
                "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
                "expect":
{
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
                  }
                },
                "params": {
                  "Region": "us-iso-east-1",
                  "UseFIPS": true,
                  "UseDualStack": false
                }
              },
              {
                "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
                "expect": {
                  "error": "DualStack is enabled but this partition does not support DualStack"
                },
                "params": {
                  "Region": "us-iso-east-1",
                  "UseFIPS": false,
                  "UseDualStack":
true
                }
              },
              {
                "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-iso-east-1.c2s.ic.gov"
                  }
                },
                "params": {
                  "Region": "us-iso-east-1",
                  "UseFIPS": false,
                  "UseDualStack": false
                }
              },
              {
                "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
                "expect": {
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this partition does not support one or both"
                },
                "params": {
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                  "UseFIPS": true,
                  "UseDualStack": true
```

```
            }
        },
        {
            "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
                }
            },
            "params": {
                "Region": "us-isob-east-1",
                "UseFIPS": true,
                "UseDualStack": false
            }

    },
        {
            "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
                "error": "DualStack is enabled but this partition does not support DualStack"
            },
            "params": {
                "Region": "us-isob-east-1",
                "UseFIPS": false,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-isob-east-1.sc2s.sgov.gov"
                }
            },
             "params": {
                "Region": "us-isob-east-1",
                "UseFIPS": false,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://example.com"
                }
            },
            "params": {
```

```
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {

"documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
          "expect": {
            "endpoint": {
              "url": "https://example.com"
            }
          },
          "params": {
            "UseFIPS": false,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "For custom endpoint with fips enabled and dualstack disabled",
          "expect": {
            "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
          },
          "params": {
            "Region": "us-east-1",
             "UseFIPS": true,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "For custom endpoint with fips disabled and dualstack enabled",
          "expect": {
            "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": true,
            "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "Missing region",
          "expect": {
```

```
                    "error": "Invalid Configuration: Missing Region"
                }
            }
        ],
        "version": "1.0"
    }
  }
},
"com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders": {
  "type": "operation",
  "input": {
    "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest"
  },
  "output": {
    "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse"
  },
  "errors": [
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
     },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
    }
  ],
  "traits": {
    "smithy.api#documentation": "<p>Lists the identity providers for user-based subscriptions.</p>",
    "smithy.api#http": {
      "code": 200,
      "method": "POST",
      "uri": "/identity-provider/ListIdentityProviders"
    },
    "smithy.api#paginated":
```

```
{
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "IdentityProviderSummaries"
          }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest": {
      "type": "structure",
      "members": {
        "MaxResults": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
          "traits": {
            "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse":
{
      "type": "structure",
      "members": {
        "IdentityProviderSummaries": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList",
          "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the list identity providers operation.</p>",
            "smithy.api#required": {}
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListInstances": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest"
```

```
    },
    "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse"
    },
    "errors": [
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
    ],
    "traits": {
        "smithy.api#documentation": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
        "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/instance/ListInstances"
        },
        "smithy.api#paginated": {
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "InstanceSummaries"
        }
    }
},
"com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest": {
    "type": "structure",
    "members": {
        "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
```

```
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse": {
        "type":
 "structure",
        "members": {
          "InstanceSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list instances operation.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse"
         },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
             }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Lists the user-based subscription products available from an identity
provider.</p>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/user/ListProductSubscriptions"
            },
            "smithy.api#paginated": {
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "ProductUserSummaries"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest": {
         "type": "structure",
         "members": {
            "Product": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The name
 of the user-based subscription product.</p>",
                  "smithy.api#required": {}
               }
            },
            "IdentityProvider": {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {

  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse": {
        "type": "structure",
        "members": {
          "ProductUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list product subscriptions operation.</p>"
            }
          },

       "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations": {
```

```
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target":
"com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists user associations for an identity provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListUserAssociations"
            },
            "smithy.api#paginated":
{
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "InstanceUserSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest": {
```

```
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list user association operation.</p>"
            }
```

```
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary": {
      "type": "structure",
      "members": {

      "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
            "smithy.api#required": {}
          }
        },
        "Product": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
            "smithy.api#required": {}
          }
        },
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }

    },
        "Status": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status of a product for a user.</p>",
            "smithy.api#required": {}
          }
        },
        "StatusMessage": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status message for a product for a user.</p>"
          }
        },
```

```
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            },
            "SubscriptionStartDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The
start date of a subscription.</p>"
               }
            },
            "SubscriptionEndDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The end date of a subscription.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>The summary of the user-based subscription products for a user.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider": {
         "type": "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest"
          },
         "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse"
         },
         "errors": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Registers an identity provider for user-based subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/RegisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity
provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "Settings": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
                "traits": {
                    "smithy.api#documentation": "<p>The registered identity providers product related configuration
settings such as the\n      subnets to provision VPC endpoints.</p>"
                }
            }
```

```
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary":
{
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the results of an identity provider
operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The resource couldn't be found.</p>",
          "smithy.api#error": "client",
          "smithy.api#httpError": 404
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup": {
        "type": "string",

    "traits": {
          "smithy.api#length": {
            "min": 5,
            "max": 200
          },
          "smithy.api#pattern": "^sg-(([0-9a-z]{8})|([0-9a-z]{17}))$"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
```

```
            "smithy.api#documentation": "<p>The request failed because a service quota is exceeded.</p>",
            "smithy.api#error": "client"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Settings": {
        "type": "structure",
        "members": {
            "Subnets": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
                "traits": {
                    "smithy.api#documentation":
"<p>The subnets defined for the registered identity provider.</p>",
                    "smithy.api#length": {
                        "min": 1
                    },
                    "smithy.api#required": {}
                }
            },
            "SecurityGroupId": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
                "traits": {
                    "smithy.api#documentation": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in\n      your VPC and the VPC endpoint for activation servers.</p>",
                    "smithy.api#required": {}
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The registered identity providers product related configuration settings
such as the\n      subnets to provision VPC endpoints, and the security group ID that
 is associated with the VPC\n      endpoints. The security group should permit inbound TCP port 1688
communication from resources\n      in the VPC.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Starts a product subscription for a user with the specified identity provider.</p>\n         <note>\n            <p>Your estimated bill for charges on the number of users and related costs will take 48\n         hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing.
 For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n         monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n         </note>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/user/StartProductSubscription"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest": {
         "type": "structure",
         "members": {
            "Username": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
                  "smithy.api#required": {}
               }
            },
            "IdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                  "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                  "smithy.api#required": {}
               }
```

```
            },
            "Product": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                  "smithy.api#required": {}
               }
            },
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse": {
         "type": "structure",
          "members": {
            "ProductUserSummary": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
               "traits": {
                  "smithy.api#documentation": "<p>Metadata that describes the start product subscription
operation.</p>",
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription": {
         "type": "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest"
         },
         "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse"
         },
         "errors": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"

   },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
```

```
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Stops a product subscription for a user with the specified identity
provider.</p>",
             "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/StopProductSubscription"
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required":
{}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
```

```
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse": {
         "type": "structure",
         "members": {
            "ProductUserSummary": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
               "traits": {
                  "smithy.api#documentation":
"<p>Metadata that describes the start product subscription operation.</p>",
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StringList": {
         "type": "list",
         "member": {
            "target": "smithy.api#String"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnet": {
         "type": "string",
         "traits": {
            "smithy.api#pattern": "subnet-[a-z0-9]{8,17}"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnets": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Subnet"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException": {
         "type": "structure",
         "members": {
            "message": {

             "target": "smithy.api#String"
            }
         },
         "traits": {
```

```
            "smithy.api#documentation": "<p>The request was denied because of request throttling. Retry the
request.</p>",
            "smithy.api#error": "client"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Updates additional product configuration settings for the registered
identity\n      provider.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/identity-provider/UpdateIdentityProviderSettings"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest": {
          "type": "structure",
          "members": {
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                 "smithy.api#required": {}
              }
            },
            "Product": {
```

```
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "UpdateSettings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings",
            "traits": {
              "smithy.api#documentation": "<p>Updates the registered identity providers product related
configuration settings. You can\n      update any combination of settings in a single operation such as the:</p>\n
<ul>\n          <li>\n            <p>Subnets which you want to add to provision VPC endpoints.</p>\n          </li>\n
        <li>\n            <p>Subnets which you want to remove the VPC endpoints from.</p>\n          </li>\n
<li>\n            <p>Security group ID which permits traffic to the VPC endpoints.</p>\n          </li>\n        </ul>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings": {
        "type": "structure",
        "members": {
          "AddSubnets": {

           "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation": "<p>The ID of one or more subnets in which License Manager will
create a VPC endpoint for products that\n      require connectivity to activation servers.</p>",
              "smithy.api#required": {}
            }
          },
          "RemoveSubnets": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation": "<p>The ID of one or more subnets to remove.</p>",
              "smithy.api#required": {}
            }
```

```
            },
            "SecurityGroupId": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
               "traits": {
                  "smithy.api#documentation": "<p>A security group ID
 that allows inbound TCP port 1688 communication between resources in\n      your VPC and the VPC endpoints for
activation servers.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration
settings such as\n      the subnets to provision VPC endpoints.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ValidationException": {
         "type": "structure",
         "members": {
            "message": {
               "target": "smithy.api#String"
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>A parameter is not valid.</p>",
            "smithy.api#error": "client"
         }
      }
   }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
  params = &DeleteLicenseInput{}
```

```
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version
 of the license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{}, middleware.After)
```

```
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "DeleteLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack,
options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
```

```
 if
 err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "DeleteLicense",
 }
}
```

1.166 go-events 0.0.0-20190806004212-e31b211e4f1c

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1.167 flyway-core 6.4.4

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Found in path(s):
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/filesystem/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/oracle/OracleDatabase.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/TimeFormat.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resolver/CompositeMigrationResolver.java
*
/flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/firebird/FirebirdDatabase.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/mysql/MySQLParser.java
* /flyway-core-6-4-4-sources-
jar/org/flywaydb/core/internal/jdbc/CockroachRetryingTransactionalExecutionTemplate.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sqlite/SQLiteParser.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/oracle/OracleParser.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/base/Database.java

* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/h2/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/FileCopyUtils.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/derby/DerbyDatabase.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/sqlscript/SqlScriptExecutor.java
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/flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/clazz/ClassProvider.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/license/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/command/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/ExceptionUtils.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/cockroachdb/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/hsqldb/HSQLDBDatabase.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/schemahistory/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/filesystem/FileSystemScanner.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/derby/DerbySchema.java
*
/flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/schemahistory/SchemaHistory.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/sqlscript/SqlStatement.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sybasease/SybaseASEConnection.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/android/AndroidScanner.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/android/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/hsqldb/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/classpath/UrlResolver.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/migration/BaseJavaMigration.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftDatabase.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/logging/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/db2/DB2Table.java
*
/flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/saphana/SAPHANASchema.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/StopWatch.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/InfoOutputProvider.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/classpath/DefaultUrlResolver.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/RowMapper.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/license/FlywayEditionUpgradeRequiredException.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/PlaceholderReplacingReader.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/sqlscript/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/ParsingContext.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/LoadableResource.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sqlserver/SQLServerTable.java
*
/flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/command/DbSchemas.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/license/VersionPrinter.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/StringUtils.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/saphana/SAPHANADatabase.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/classpath/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/derby/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/classpath/ClassPathLocationScanner.java

* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/sqlscript/SqlScript.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/mysql/MySQLConnection.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/WarningImpl.java
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 /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/db2/DB2Connection.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/postgresql/PostgreSQLConnection.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/logging/LogCreatorFactory.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/h2/H2Table.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/Recorder.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/migration/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/BomFilter.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/TransactionalExecutionTemplate.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/base/SchemaObject.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/schemahistory/JdbcTableSchemaHistory.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/classpath/jboss/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/CloseableIterator.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/migration/JavaMigration.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/Scanner.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/configuration/ConfigUtils.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resolver/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftConnection.java
*
 /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/logging/android/AndroidLogCreator.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/h2/H2Schema.java
* /flyway-core-6-4-4-sources-
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/PeekingReader.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/ResourceNameCache.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/command/DbClean.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/firebird/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/PositionTrackingReader.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/MigrationInfoService.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/snowflake/SnowflakeSchema.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/snowflake/SnowflakeConnection.java
*
 /flyway-core-6-4-4-sources-
jar/org/flywaydb/core/internal/scanner/classpath/FileSystemClassPathLocationScanner.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/classpath/jboss/JBossVFSv2UrlResolver.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/h2/H2Database.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/Statement.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/android/ContextHolder.java

* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/postgresql/PostgreSQLSchema.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/cockroachdb/CockroachDBParser.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/base/Schema.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/configuration/ClassicConfiguration.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/ResourceProvider.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/oracle/OracleResults.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/info/MigrationInfoContext.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/LocationScannerCache.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sqlserver/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/schemahistory/AppliedMigration.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/oracle/OracleSqlScriptExecutor.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/callback/CallbackExecutor.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/cockroachdb/CockroachDBSchema.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/Resource.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftSchema.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/sqlscript/DefaultSqlScriptExecutor.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/ResourceNameValidator.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sqlite/package-info.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/info/MigrationInfoDumper.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/info/MigrationInfoServiceImpl.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/db2/package-info.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resolver/sql/DefaultSqlMigrationExecutorFactory.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/informix/InformixTable.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/Flyway.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sqlserver/SQLServerSchema.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/logging/javautil/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resolver/ChecksumCalculator.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resolver/sql/SqlMigrationExecutor.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/BomStrippingReader.java
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/flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/output/ErrorOutput.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/cockroachdb/CockroachDBTable.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/saphana/SAPHANAConnection.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/clazz/NoopClassProvider.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftParser.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resolver/ResolvedMigrationImpl.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/DriverDataSource.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sqlite/SQLiteSchema.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/output/MigrationOutput.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/Result.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sqlite/SQLiteConnection.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/mysql/MySQLSchema.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/classpath/ClassPathResource.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/package-info.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/clazz/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/classpath/OsgiClassPathLocationScanner.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/firebird/FirebirdTable.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/Token.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/JdbcTemplate.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/postgresql/PostgreSQLTable.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/resolver/MigrationResolver.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/configuration/package-info.java
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* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/ExecutionTemplateFactory.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/executor/MigrationExecutor.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/sqlscript/Delimiter.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/Location.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/jdbc/JdbcConnectionFactory.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/ResourceType.java
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/flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/configuration/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sybasease/SybaseASEParser.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/package-info.java

* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/sqlscript/ParserSqlScript.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/callback/SimpleContext.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/resolver/Context.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/classpath/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/AbbreviationUtils.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/exception/FlywayDbUpgradeRequiredException.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/snowflake/SnowflakeParser.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/package-info.java
*
 /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sqlite/SQLiteDatabase.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/scanner/classpath/ClassPathScanner.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/IOUtils.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/api/callback/Event.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sybasease/SybaseASESchema.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/StringResource.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/ResourceNameParser.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/output/InfoOutput.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/ClassUtils.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/hsqldb/HSQLDBTable.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/parser/PositionTracker.java
*
 /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/logging/apachecommons/package-info.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/util/Pair.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/resource/filesystem/FileSystemResource.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/exception/FlywaySqlException.java
* /flyway-core-6-4-4-sources-
jar/org/flywaydb/core/internal/database/sqlserver/SQLServerApplicationLockTemplate.java
* /flyway-core-6-4-4-sources-jar/org/flywaydb/core/internal/database/sybasease/package-info.java
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Found in path(s):
* /flyway-core-6-4-4-sources-jar/META-INF/maven/org.flywaydb/flyway-core/pom.xml

1.168 fluent-logger-golang 1.9.0

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1.169 libnsl 2.31

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1.170 jaxb-runtime 2.3.3

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1.171 packaging 21.3

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1.172 aws-sdk-go-v2-feature-ec2-imds 1.14.11

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```
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package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
  params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
  return nil,
```

```
 err
 }

 out := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{}, middleware.After)
 if err !=
 nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{}, middleware.After)
 if err != nil {
  return err
```

```
}
if err := addProtocolFinalizerMiddlewares(stack, options, "AssociateLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack);
err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
```

```
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack,
 options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "AssociateLicense",
 }
}
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name: License Scan

on: [pull_request]

jobs:
 licensescan:
   name: License Scan
   runs-on: ubuntu-latest
   strategy:
     matrix:
       python-version: [3.9]

   steps:
     - name: Checkout target
```

```
      uses: actions/checkout@v2
      with:
        path: sdkbase
        ref: ${{ github.base_ref }}
    - name: Checkout this ref
      uses: actions/checkout@v2
      with:
        path: new-ref
        fetch-depth: 0
    - name: Get Diff
      run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
    - name: Get Target Files
      run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
    - name: Checkout scancode
      uses: actions/checkout@v2
      with:
        repository: nexB/scancode-toolkit
        path: scancode-toolkit
        fetch-depth: 1
    - name: Set up Python ${{ matrix.python-version }}
       uses: actions/setup-python@v2
      with:
        python-version: ${{ matrix.python-version }}
    # ScanCode
    - name: Self-configure scancode
      working-directory: ./scancode-toolkit
      run: ./scancode --help
    - name: Run Scan code on target
      run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
    - name: Run Scan code on pr ref
      run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
    # compare
    - name: License test
      run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
```

```
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
  params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
 if err != nil {
```

```
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "CheckInLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
  return
 err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckInLicense",
 }
}
{
   "smithy": "2.0",
   "shapes": {
      "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger": {
         "type": "integer"
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong": {
         "type": "long"
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Filter": {
         "type": "structure",
         "members": {
```

```
            "Name": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The type of name to filter by.</p>"
               }
            },
            "Values": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
               "traits": {
                  "smithy.api#documentation": "<p>One or more values for the name to filter by.</p>"
               }
            },
            "Operator": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Operator",
                "traits": {
                  "smithy.api#documentation": "<p>An operator for filtering results.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>A filter object that is used to return more specific results from a describe
operation.\n      Filters can be used to match a set of resources by specific criteria.</p>"
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Filter"
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings": {
         "type": "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest"
         },
         "output": {

           "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse"
         },
         "errors": [
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
```

```
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the Linux subscriptions service settings.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/GetServiceSettings"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest":
{
        "type": "structure",
        "members": {}
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse": {
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },
            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>Lists the settings defined for Linux subscriptions discovery. The
settings include if\n      Organizations integration has been enabled, and
 which Regions data will be aggregated from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
                    "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation": "<p>A message which details the Linux subscriptions service settings
current status.</p>"
                }
            },
```

```
        "HomeRegions": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
          "traits": {
            "smithy.api#documentation": "<p>The Region in which License Manager displays
the aggregated data for Linux\n      subscriptions.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Instance": {
      "type": "structure",
      "members": {
        "AmiId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The AMI ID used to launch the instance.</p>"
          }
        },
        "InstanceID": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The instance ID of the resource.</p>"
          }
        },
        "InstanceType": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The instance type of the resource.</p>"
          }

      },
        "AccountID": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The account ID which owns the instance.</p>"
          }
        },
        "Status": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status of the instance.</p>"
          }
        },
        "Region": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The Region the instance is running in.</p>"
          }
```

```
            },
            "UsageOperation": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The usage operation of the instance. For more information, see For
 more information, see\n        <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-
subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User
Guide</i>.</p>"
                }
            },
            "ProductCode": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList",
                "traits": {
                    "smithy.api#documentation": "<p>The product code for the instance. For more information, see <a
href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-
operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i> .</p>"
                }
            },
            "LastUpdatedTime": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The time in which the last discovery
 updated the instance details.</p>"
                }
            },
            "SubscriptionName": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the subscription being used by the instance.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>Details discovered information about a running instance using Linux
subscriptions.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Instance"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
```

```
        }
    },
    "traits": {
        "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
        "smithy.api#error": "server"
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#LicenseManagerLinuxSubscriptions": {
    "type": "service",
    "version": "2018-05-10",
    "operations": [
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings"
        },
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances"
        },
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions"
        },
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings"
        }
    ],

"traits": {
        "aws.api#service": {
            "sdkId": "License Manager Linux Subscriptions",
            "arnNamespace": "license-manager-linux-subscriptions",
            "cloudTrailEventSource": "license-manager-linux-subscriptions.amazonaws.com"
        },
        "aws.auth#sigv4": {
            "name": "license-manager-linux-subscriptions"
        },
        "aws.protocols#restJson1": {},
        "smithy.api#cors": {
            "additionalAllowedHeaders": [
                "*",
                "content-type",
                "x-amz-content-sha256",
                "x-amz-user-agent",
                "x-amzn-platform-id",
                "x-amzn-trace-id",
                "content-length",
                "x-api-key",
                "authorization",
                "x-amz-date",
```

```
 "x-amz-security-token",
                    "Access-Control-Allow-Headers",
                    "Access-Control-Allow-Methods",
                    "Access-Control-Allow-Origin"
                ],
                "additionalExposedHeaders": [
                    "x-amzn-errortype",
                    "x-amzn-requestid",
                    "x-amzn-trace-id"
                ]
            },
            "smithy.api#documentation": "<p>With License Manager, you can discover and track your commercial Linux subscriptions on running\n      Amazon EC2 instances.</p>",
            "smithy.api#title": "AWS License Manager Linux Subscriptions",
            "smithy.rules#endpointRuleSet": {
                "version": "1.0",
                "parameters": {
                    "Region": {
                        "builtIn": "AWS::Region",
                        "required": false,
                        "documentation": "The
 AWS region used to dispatch the request.",
                        "type": "String"
                    },
                    "UseDualStack": {
                        "builtIn": "AWS::UseDualStack",
                        "required": true,
                        "default": false,
                        "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
                        "type": "Boolean"
                    },
                    "UseFIPS": {
                        "builtIn": "AWS::UseFIPS",
                        "required": true,
                        "default": false,
                        "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",

                     "type": "Boolean"
                    },
                    "Endpoint": {
                        "builtIn": "SDK::Endpoint",
                        "required": false,
                        "documentation": "Override the endpoint used to send this request",
                        "type": "String"
                    }
                },
```

```
"rules": [
  {
    "conditions": [
      {
        "fn": "isSet",
        "argv": [
          {
            "ref": "Endpoint"
          }
        ]
      }
    ],
    "type": "tree",
    "rules": [
      {

       "conditions": [
            {
              "fn": "booleanEquals",
              "argv": [
                {
                  "ref": "UseFIPS"
                },
                true
              ]
            }
          ],
          "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
          "type": "error"
        },
        {
          "conditions": [],
          "type": "tree",
          "rules": [
            {

             "conditions": [
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      {
                        "ref": "UseDualStack"
                      },
                      true
                    ]
                  }
                ],
                "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
```

```
                "type": "error"
            },
            {
                "conditions": [],

        "endpoint": {
                    "url": {
                        "ref": "Endpoint"
                    },
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    }
  ]
},
{
  "conditions": [],
  "type": "tree",
  "rules": [
    {
      "conditions": [
        {
          "fn": "isSet",

  "argv": [
                    {
                        "ref": "Region"
                    }
                ]
            }
        ],
        "type": "tree",
        "rules": [
            {
                "conditions": [
                    {
                        "fn": "aws.partition",
                        "argv": [
                            {
                                "ref": "Region"
                            }
                        ],

"assign": "PartitionResult"
                    }
```

```
                ],
                "type": "tree",
                "rules": [
                  {
                    "conditions": [
                      {
                        "fn": "booleanEquals",
                        "argv": [
                          {
                            "ref": "UseFIPS"
                          },
                          true
                        ]
                      },

{
                        "fn": "booleanEquals",
                        "argv": [
                          {
                            "ref": "UseDualStack"
                          },
                          true
                        ]
                      }
                    ],
                    "type": "tree",
                    "rules": [
                      {
                        "conditions": [
                          {

                       "fn": "booleanEquals",
                            "argv": [
                              true,
                              {
                                "fn": "getAttr",
                                "argv": [
                                  {
                                    "ref": "PartitionResult"
                                  },
                                  "supportsFIPS"
                                ]

}
                              ]
                            },
                            {
                              "fn": "booleanEquals",
```

```
                "argv": [
                  true,
                  {
                    "fn": "getAttr",
                    "argv": [
                      {
                        "ref": "PartitionResult"
                      },

                   "supportsDualStack"
                      ]
                    }
                  ]
                }
              ],
              "type": "tree",
              "rules": [
                {
                  "conditions": [],
                  "type": "tree",
                  "rules": [
                    {

            "conditions": [],
                        "endpoint": {
                          "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                          "properties": {},
                          "headers": {}
                        },
                        "type": "endpoint"
                      }
                    ]
                  }
                ]

          },
            {
              "conditions": [],
              "error": "FIPS and DualStack are enabled, but this partition does not support
one or both",
              "type": "error"
            }
          ]
        },
        {
          "conditions": [
            {
```

```
                                    "fn": "booleanEquals",
                                    "argv": [
                                        {

                        "ref": "UseFIPS"
                                        },
                                        true
                                    ]
                                }
                            ],
                            "type": "tree",
                            "rules": [
                                {
                                    "conditions": [
                                        {
                                            "fn": "booleanEquals",
                                            "argv": [
                                                true,

        {
                                                    "fn": "getAttr",
                                                    "argv": [
                                                        {
                                                            "ref": "PartitionResult"
                                                        },
                                                        "supportsFIPS"
                                                    ]
                                                }
                                            ]
                                        }
                                    ],
                                    "type": "tree",

                                "rules": [
                                        {
                                            "conditions": [],
                                            "type": "tree",
                                            "rules": [
                                                {
                                                    "conditions": [],
                                                    "endpoint": {
                                                        "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                                                        "properties": {},
                                                        "headers": {}

                                                    },
                                                    "type": "endpoint"
```

```
                        }
                    ]
                }
            ]
        },
        {
            "conditions": [],
            "error": "FIPS is enabled but this partition does not support FIPS",
            "type": "error"
        }
    ]

},
                {
    "conditions": [
        {
            "fn": "booleanEquals",
            "argv": [
                {
                    "ref": "UseDualStack"
                },
                true
            ]
        }
    ],
    "type": "tree",
    "rules": [
        {

     "conditions": [
                {
                    "fn": "booleanEquals",
                    "argv": [
                        true,
                        {
                            "fn": "getAttr",
                            "argv": [
                                {
                                    "ref": "PartitionResult"
                                },
                                "supportsDualStack"
                            ]
                        }
                    ]
                }
            ],
            "type": "tree",
            "rules": [
```

```
                                        {
                                          "conditions": [],
                                          "type": "tree",
                                          "rules": [
                                            {
                                              "conditions": [],

                                           "endpoint": {
                                                  "url": "https://license-manager-linux-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                                  "properties": {},
                                                  "headers": {}
                                                },
                                                "type": "endpoint"
                                            }
                                          ]
                                        }
                                      ]
                                    },

        {
                                        "conditions": [],
                                        "error": "DualStack is enabled but this partition does not support DualStack",
                                        "type": "error"
                                      }
                                    ]
                                  },
                                  {
                                    "conditions": [],
                                    "type": "tree",
                                    "rules": [
                                      {
                                        "conditions": [],
                                        "endpoint": {
                                          "url":
 "https://license-manager-linux-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                                          "properties": {},
                                          "headers": {}
                                        },
                                        "type": "endpoint"
                                      }
                                    ]
                                  }
                                ]
                              }
                            ]
                          },
                          {
```

```
                "conditions": [],
                "error": "Invalid Configuration: Missing Region",
                "type": "error"
              }
            ]
          }
        ]
      },
      "smithy.rules#endpointTests": {
        "testCases": [
          {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
            "expect": {

"endpoint": {
                "url": "https://license-manager-linux-subscriptions-fips.us-east-1.amazonaws.com"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions.us-east-1.api.aws"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": false,
```

```
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.us-east-1.amazonaws.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "endpoint": {

      "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
```

```
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint":
{
              "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
             "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.amazonaws.com"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
```

```
                {
                  "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack enabled",
                  "expect": {
                    "endpoint":
{
                      "url": "https://license-manager-linux-subscriptions.us-gov-east-1.api.aws"
                    }
                  },
                  "params": {
                    "Region": "us-gov-east-1",
                    "UseFIPS": false,
                    "UseDualStack": true
                  }
                },
                {
                  "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
                  "expect": {
                    "endpoint": {
                      "url": "https://license-manager-linux-subscriptions.us-gov-east-1.amazonaws.com"
                    }
                  },
                  "params": {
                    "Region": "us-gov-east-1",
                    "UseFIPS": false,
                     "UseDualStack": false
                  }
                },
                {
                  "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
                  "expect": {
                    "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
                  },
                  "params": {
                    "Region": "us-iso-east-1",
                    "UseFIPS": true,
                    "UseDualStack": true
                  }
                },
                {
                  "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
                  "expect": {
                    "endpoint": {
                      "url": "https://license-manager-linux-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
                     }
                  },
                  "params": {
                    "Region": "us-iso-east-1",
                    "UseFIPS": true,
```

```
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "error": "DualStack is enabled but this partition does not support DualStack"
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {

"documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions.us-iso-east-1.c2s.ic.gov"
            }
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
          },
          "params": {

         "Region": "us-isob-east-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
            }
          },
          "params": {
```

```
                "Region": "us-isob-east-1",
                "UseFIPS": true,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-isob-east-1 with FIPS disabled
and DualStack enabled",
            "expect": {
                "error": "DualStack is enabled but this partition does not support DualStack"
            },
            "params": {
                "Region": "us-isob-east-1",
                "UseFIPS": false,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions.us-isob-east-1.sc2s.sgov.gov"
                }
            },
            "params": {
                "Region": "us-isob-east-1",

        "UseFIPS": false,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://example.com"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                "UseDualStack": false,
                "Endpoint": "https://example.com"
            }
        },
        {
            "documentation": "For custom endpoint with region not set and fips disabled and dualstack
disabled",
```

```
  "expect": {
              "endpoint": {
                 "url": "https://example.com"
              }
            },
            "params": {
              "UseFIPS": false,
              "UseDualStack": false,
              "Endpoint": "https://example.com"
            }
          },
          {
            "documentation": "For custom endpoint with fips enabled and dualstack disabled",
            "expect": {
              "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": true,
              "UseDualStack": false,

    "Endpoint": "https://example.com"
            }
          },
          {
            "documentation": "For custom endpoint with fips disabled and dualstack enabled",
            "expect": {
              "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": false,
              "UseDualStack": true,
              "Endpoint": "https://example.com"
            }
          },
          {
            "documentation": "Missing region",
            "expect": {
              "error": "Invalid Configuration: Missing Region"
            }

  }
      ],
      "version": "1.0"
    }
}
```

```
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery": {
      "type": "string",
      "traits": {
        "smithy.api#enum": [
          {
            "name": "Enabled",
            "value": "Enabled",
            "documentation": "Enabled LinuxSubscriptionsDiscovery"
          },
          {
            "name": "Disabled",
            "value": "Disabled",
            "documentation": "Disabled LinuxSubscriptionsDiscovery"
          }
        ]
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings": {
      "type": "structure",
      "members": {
        "SourceRegions": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
           "traits": {
            "smithy.api#documentation": "<p>The Regions in which to discover data for Linux
subscriptions.</p>",
            "smithy.api#required": {}
          }
        },
        "OrganizationIntegration": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration",
          "traits": {
            "smithy.api#documentation": "<p>Details if you have enabled resource discovery across your
accounts in Organizations.</p>",
            "smithy.api#required": {}
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>Lists the settings defined for discovering Linux subscriptions.</p>"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances": {
      "type":
 "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest"
      },
```

```
        "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the running Amazon EC2 instances that were discovered with commercial Linux\n      subscriptions.</p>",
            "smithy.api#http": {

       "code": 200,
                "method": "POST",
                "uri": "/subscription/ListLinuxSubscriptionInstances"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "Instances"
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest": {
        "type": "structure",
        "members": {
            "Filters": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
                "traits": {
                    "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by
 the name of\n      <code>AmiID</code> with an optional operator to see subscriptions that match, partially\n match, or don't match a certain Amazon Machine Image (AMI) ID.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>AmiID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>InstanceID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>AccountID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Status</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Region</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>UsageOperation</code>\n      </p>\n      </li>\n      <li>\n
```

\n <code>ProductCode</code>\n \n \n \n \n <code>InstanceType</code>\n \n \n \n The valid Operators for this filter are: \n \n \n \n <code>contains</code>\n \n \n \n \n <code>equals</code>\n \n \n \n \n <code>Notequal</code>\n \n \n "
}
},
"MaxResults": {
"target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
"traits": {
"smithy.api#documentation": " Maximum number of results to return in a single call. "

}
},
"NextToken": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " Token for the next set of results. ",
"smithy.api#length": {
"min": 1,
"max": 16384
}
}
}
},
"traits": {
"smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if parameters in request increases."
}
},
"com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse": {
"type": "structure",
"members": {
"Instances": {
"target": "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList",
"traits": {
"smithy.api#documentation":
" An array that contains instance objects. "
}
},
"NextToken": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " Token for the next set of results. "
}
}
}
},

```
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Lists the Linux subscriptions that have been discovered. If you have linked your\n      organization, the returned results will include data aggregated across your accounts in\n Organizations.</p>",
        "smithy.api#http": {
          "code": 200,
          "method": "POST",
          "uri": "/subscription/ListLinuxSubscriptions"
        },
        "smithy.api#idempotent": {},
        "smithy.api#paginated": {
          "inputToken": "NextToken",
          "outputToken": "NextToken",
          "pageSize": "MaxResults",
          "items": "Subscriptions"
        }

      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest": {
      "type": "structure",
      "members": {
        "Filters": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
          "traits": {
            "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n <code>Subscription</code> with an optional operator to see subscriptions that match,\n      partially match, or don't match a certain subscription's name.</p>\n        <p>The valid names for this filter are:</p>\n        <ul>\n
```

\n \n <code>Subscription</code>\n \n \n \n
The valid Operators for this filter are: \n
\n \n \n <code>contains</code>\n \n \n
\n \n <code>equals</code>\n \n \n \n \n
<code>Notequal</code>\n \n \n "
}
},
"MaxResults": {
"target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
"traits": {
"smithy.api#documentation": " Maximum number of results to return in a single call. "
}
},
"NextToken": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " Token for the next set of results. ",
"smithy.api#length": {

"min": 1,
"max": 16384
}
}
}
},
"traits": {
"smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if parameters in request increases."
}
},
"com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse": {
"type": "structure",
"members": {
"Subscriptions": {
"target": "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList",
"traits": {
"smithy.api#documentation": " An array that contains subscription objects. "
}
},
"NextToken": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " Token for
the next set of results. "
}
}
}
},

```
    "com.amazonaws.licensemanagerlinuxsubscriptions#Operator": {
        "type": "string",
        "traits": {
            "smithy.api#enum": [
                {
                    "name": "EQUAL",
                    "value": "Equal",
                    "documentation": "Equal operator"
                },
                {
                    "name": "NOT_EQUAL",
                    "value": "NotEqual",
                    "documentation": "Not equal operator"
                },
                {
                    "name": "CONTAINS",
                    "value": "Contains",
                    "documentation": "Contains operator"
                }
            ],
            "smithy.api#length": {
                "min": 1,
                "max": 20
            }
        }
    },

"com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration": {
        "type": "string",
        "traits": {
            "smithy.api#enum": [
                {
                    "name": "Enabled",
                    "value": "Enabled",
                    "documentation": "Enabled OrganizationIntegration"
                },
                {
                    "name": "Disabled",
                    "value": "Disabled",
                    "documentation": "Disabled OrganizationIntegration"
                }
            ]
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList": {
        "type": "list",
        "member": {
            "target": "smithy.api#String"
```

```
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Status": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [

    {
                "name": "InProgress",
                "value": "InProgress",
                "documentation": "InProgress status"
              },
              {
                "name": "Completed",
                "value": "Completed",
                "documentation": "Completed status"
              },
              {
                "name": "Successful",
                "value": "Successful",
                "documentation": "Successful status"
              },
              {
                "name": "Failed",
                "value": "Failed",
                "documentation": "Failed status"
              }
            ]
          }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#StringList": {
        "type": "list",
        "member": {
          "target": "smithy.api#String",
          "traits":
{
              "smithy.api#length": {
                "min": 1,
                "max": 100
              }
            }
        },
        "traits": {
          "smithy.api#length": {
            "min": 1,
            "max": 100
          },
          "smithy.api#uniqueItems": {}
```

```
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap": {
        "type": "map",
        "key": {
            "target": "smithy.api#String"
        },
        "value": {
            "target": "smithy.api#String"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription": {
        "type": "structure",
        "members": {
            "Name": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the subscription.</p>"

        }
            },
            "Type": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The type of subscription. The type can be subscription-included with Amazon EC2, Bring Your Own\n      Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain subscriptions may use licensing from the\n      Amazon Web Services Marketplace as well as OS licensing from Amazon EC2 or BYOS.</p>"
                }
            },
            "InstanceCount": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong",
                "traits": {
                    "smithy.api#documentation": "<p>The total amount of running instances using this subscription.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>An object which details a discovered Linux subscription.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription"
        }
    },
```

```
    "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The request was denied due to request throttling.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest"
      },

    "output": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Updates the service settings for Linux subscriptions.</p>",
        "smithy.api#http": {
          "code": 200,
          "method": "POST",
          "uri": "/subscription/UpdateServiceSettings"
        },
        "smithy.api#idempotent": {}
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest":
{
      "type": "structure",
      "members": {
        "LinuxSubscriptionsDiscovery": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
```

```
            "traits": {
              "smithy.api#documentation": "<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
              "smithy.api#required": {}
            }
          },
          "LinuxSubscriptionsDiscoverySettings": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
            "traits": {
              "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>",

  "smithy.api#required": {}
            }
          },
          "AllowUpdate": {
            "target": "smithy.api#Boolean",
            "traits": {
              "smithy.api#documentation": "<p>Describes if updates are allowed to the service settings for Linux
subscriptions. If you\n      allow updates, you can aggregate Linux subscription data in more than one home
Region.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse": {
        "type": "structure",
        "members": {
          "LinuxSubscriptionsDiscovery": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
            "traits": {
              "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
            }
          },

         "LinuxSubscriptionsDiscoverySettings": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
            "traits": {
              "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>"
            }
          },
          "Status": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
            "traits": {
              "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
```

```
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation":
 "<p>A message which details the Linux subscriptions service settings current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays the aggregated
data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The provided input is not valid. Try your request again.</p>",
            "smithy.api#error": "client"
        }
    }
  }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
```

```
(*ListLicensesOutput, error) {
 if params == nil {
  params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //   - Beneficiary
 //   - ProductSKU
 //   - Fingerprint
 //
   - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata
```

```
 noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 if
 err := addProtocolFinalizerMiddlewares(stack, options, "ListLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
```

```
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:
     ServiceID,
  OperationName: "ListLicenses",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
```

```
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
  params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 //
 This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
```

```
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack,
 options, "DisassociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata
 {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
```

```
 ServiceID:     ServiceID,
 OperationName: "DisassociateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
  params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
 CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
```

```
//
// This member is required.
ClientToken *string

// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource
Name (ARN) of the checkout license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string
```

```
// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil
 {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
```

```
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack);
 err != nil {
  return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
```

```
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
  params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier
 that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string
```

```
// Digital signature method. The possible value is JSON Web Signature (JWS)
// algorithm PS384. For more information, see RFC 7518 Digital Signature with
// RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
//
// This member is required.
DigitalSignatureMethod types.DigitalSignatureMethod

// License entitlements. Partial checkouts are not supported.
//
// This member is required.
Entitlements []types.EntitlementData

// Amazon Resource Name (ARN) of the license. The license must use the borrow
// consumption configuration.
//
// This member is required.
LicenseArn *string

// Information about constraints.
CheckoutMetadata []types.Metadata

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

// Information about constraints.
CheckoutMetadata []types.Metadata

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string
```

```
// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return
 err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutBorrowLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
```

```
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return
 err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region
```

```
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutBorrowLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
  params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide
```

```
to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// Configuration for consumption of the license. Choose a provisional
// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity
```

```
 *types.DatetimeRange

 // Information about the license.
 LicenseMetadata []types.Metadata

 noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CreateLicense"); err != nil {
  return fmt.Errorf("add
 protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
```

```
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName:
 "CreateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
  params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
```

```
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "GetLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
```

```
 return
err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpGetLicenseValidationMiddleware(stack);
err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "GetLicense",
 }
}
```

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```
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// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
  params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
   - ProductSKU
 //   - Status
 //   - Fingerprint
 //   - IssuerName
 //   - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
```

```
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{},
 middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "ListReceivedLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
```

```
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
```

```
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "ListReceivedLicenses",
 }
}
```

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```
{
  "smithy": "2.0",
  "shapes": {
    "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>You don't have sufficient access to perform this action.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider": {
```

```
        "type": "structure",
        "members": {
          "DirectoryId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The directory ID for an Active Directory identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
"<p>Details about an Active Directory identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUser": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
           },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Associates the user to an EC2 instance to utilize user-based
subscriptions.</p>\n        <note>\n          <p>Your estimated bill for charges on the number of users and related
```

```
costs will take 48\n        hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing
status) in Amazon Web Services Billing. For more information, see <a
href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n
        monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n          </note>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/AssociateUser"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "InstanceId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of the
 EC2 instance, which provides user-based subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>The identity provider of the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse": {
        "type": "structure",
        "members": {
```

```
            "InstanceUserSummary": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
                 "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
                    "smithy.api#required": {}
                }
            }
        },
        "com.amazonaws.licensemanagerusersubscriptions#BoxInteger": {
            "type": "integer"
        },
        "com.amazonaws.licensemanagerusersubscriptions#ConflictException": {
            "type": "structure",
            "members": {
                "message": {
                    "target": "smithy.api#String"
                }
            },
            "traits": {
                "smithy.api#documentation": "<p>The request couldn't be completed because it conflicted with the current
state of the\n      resource.</p>",
                "smithy.api#error": "server"
            }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider":
{
            "type": "operation",
            "input": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest"
            },
            "output": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse"
            },
            "errors": [
                {
                    "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
                },
                {
                    "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
                },
                {
                    "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
                },
                {
                    "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
                },
                {
```

```
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Deregisters the identity provider from providing user-based
subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/DeregisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
            "IdentityProviderSummary": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
                "traits": {
                    "smithy.api#documentation":
"<p>Metadata that describes the results of an identity provider operation.</p>",
                    "smithy.api#required": {}
```

```
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
           },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Disassociates the user from an EC2 instance providing user-based
subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/user/DisassociateUser"
          },
          "smithy.api#idempotent": {}
        }

    },
      "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest": {
```

```
        "type": "structure",
        "members": {
          "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
              "smithy.api#required": {}
            }
          },
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation":
 "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },

 "com.amazonaws.licensemanagerusersubscriptions#Filter": {
        "type": "structure",
```

```
        "members": {
          "Attribute": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of an attribute to use as a filter.</p>"
            }
          },
          "Operation": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The type of search (For example, eq, geq, leq)</p>"
            }
          },
          "Value": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Value of the filter.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>A filter name and value pair that is used
 to return more specific results from a describe\n      operation. Filters can be used to match a set of resources by
specific criteria, such as tags,\n      attributes, or IDs.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#FilterList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Filter"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider": {
        "type": "union",
        "members": {
          "ActiveDirectoryIdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that details an Active Directory identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
 "<p>Details about an identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary": {
```

```
        "type": "structure",
        "members": {
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Settings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
            "traits": {
              "smithy.api#documentation": "<p>An object that details the registered identity providers product related configuration\n      settings such as the subnets to provision VPC endpoints.</p>",
              "smithy.api#required": {}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status of an identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "FailureMessage": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The failure message associated with an identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>Describes an identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary"
```

```
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary": {
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status
 of an EC2 instance resource.</p>",
              "smithy.api#required": {}
            }
          },
          "Products": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StringList",
            "traits": {
              "smithy.api#documentation": "<p>A list of provided user-based subscription products.</p>",
              "smithy.api#required": {}
            }
          },
          "LastStatusCheckDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The date of the last status check.</p>"
            }
          },
          "StatusMessage": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status message for an EC2 instance.</p>"
            }

      }
          },
          "traits": {
            "smithy.api#documentation": "<p>Describes an EC2 instance providing user-based subscriptions.</p>"
          }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList": {
        "type": "list",
```

```
        "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "InstanceId": {
                "target": "smithy.api#String",
                "traits":
{
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of a user associated with an EC2 instance.</p>",
                    "smithy.api#required": {}
                }
            },
            "StatusMessage": {
                "target": "smithy.api#String",
                 "traits": {
                    "smithy.api#documentation": "<p>The status message for users of an EC2 instance.</p>"
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
```

```
            },
            "AssociationDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The date a user was associated with an EC2 instance.</p>"
               }
            },
            "DisassociationDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The date a user was disassociated from an EC2 instance.</p>"
               }
            }

   },
         "traits": {
            "smithy.api#documentation": "<p>Describes users of an EC2 instance providing user-based
subscriptions.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InternalServerException": {
         "type": "structure",
         "members": {
            "message": {
               "target": "smithy.api#String"
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
            "smithy.api#error": "server"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#LicenseManagerUserSubscriptions": {
         "type": "service",

       "version": "2018-05-10",
         "operations": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUser"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider"
```

```
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstances"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations"

},
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings"
        }
      ],
      "traits": {
        "aws.api#service": {
          "sdkId": "License Manager User Subscriptions",
          "arnNamespace": "license-manager-user-subscriptions",
          "cloudTrailEventSource": "license-manager-user-subscriptions.amazonaws.com"
        },
        "aws.auth#sigv4": {
          "name": "license-manager-user-subscriptions"
         },
        "aws.protocols#restJson1": {},
        "smithy.api#cors": {
          "additionalAllowedHeaders": [
            "*",
            "content-type",
            "x-amz-content-sha256",
            "x-amz-user-agent",
            "x-amzn-platform-id",
            "x-amzn-trace-id",
```

```
                "content-length",
                "x-api-key",
                "authorization",
                "x-amz-date",
                "x-amz-security-token",
                "Access-Control-Allow-Headers",
                "Access-Control-Allow-Methods",
                "Access-Control-Allow-Origin"
            ],
            "additionalExposedHeaders": [
                "x-amzn-errortype",
                "x-amzn-requestid",
                "x-amzn-trace-id"

]
        },
        "smithy.api#documentation": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with\n      a per user subscription fee on Amazon EC2 instances.</p>",
        "smithy.api#title": "AWS License Manager User Subscriptions",
        "smithy.rules#endpointRuleSet": {
            "version": "1.0",
            "parameters": {
                "Region": {
                    "builtIn": "AWS::Region",
                    "required": false,
                    "documentation": "The AWS region used to dispatch the request.",
                    "type": "String"
                },
                "UseDualStack": {
                    "builtIn": "AWS::UseDualStack",
                    "required": true,
                    "default": false,
                    "documentation": "When true, use the dual-stack
endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
                    "type": "Boolean"
                },
                "UseFIPS": {
                    "builtIn": "AWS::UseFIPS",
                    "required": true,
                    "default": false,
                    "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
                    "type": "Boolean"
                },
                "Endpoint": {
                    "builtIn": "SDK::Endpoint",
                    "required": false,
                    "documentation": "Override the endpoint used to send this request",
```

```
            "type": "String"
          }

    },
      "rules": [
        {
          "conditions": [
            {
              "fn": "isSet",
              "argv": [
                {
                  "ref": "Endpoint"
                }
              ]
            }
          ],
          "type": "tree",
          "rules": [
            {
              "conditions": [
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseFIPS"
                    },

                    true
                  ]
                }
              ],
              "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
              "type": "error"
            },
            {
              "conditions": [
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseDualStack"
                    },
                    true
                  ]
                }
              ],
```

```
    "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                "type": "error"
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            {
                "conditions": [],
                "endpoint": {
                    "url": {
                        "ref": "Endpoint"
                    },
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    },
    {
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            {
                "fn": "isSet",
                "argv": [

  {
                        "ref": "Region"
                    }
                ]
            }
        ],
        "type": "tree",
        "rules": [
            {
                "conditions": [
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                        "fn": "aws.partition",
                        "argv": [
                            {
                                "ref": "Region"
                            }
                        ],
                        "assign": "PartitionResult"
                    }
                ],
                "type": "tree",

"rules": [
                    {
                        "conditions": [
                            {
```

```
                "fn": "booleanEquals",
                "argv": [
                  {
                    "ref": "UseFIPS"
                  },
                  true
                ]
              },
              {
                "fn": "booleanEquals",
                "argv": [
                  {
                    "ref": "UseDualStack"

                  },
                  true
                ]
              }
            ],
            "type": "tree",
            "rules": [
              {
                "conditions": [
                  {
                    "fn": "booleanEquals",
                    "argv": [
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                      {
                        "fn": "getAttr",

"argv": [
                          {
                            "ref": "PartitionResult"
                          },
                          "supportsFIPS"
                        ]
                      }
                    ]
                  },
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      true,
                      {

          "fn": "getAttr",
                          "argv": [
                            {
```

```
                                    "ref": "PartitionResult"
                                },
                                "supportsDualStack"
                            ]
                        }
                    ]
                }
            ],
            "type": "tree",
            "rules": [
                {

        "conditions": [],
                    "endpoint": {
                        "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                        "properties": {},
                        "headers": {}
                    },
                    "type": "endpoint"
                }
            ]
        },
        {
            "conditions": [],
            "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
             "type": "error"
        }
    ]
},
{
    "conditions": [
        {
            "fn": "booleanEquals",
            "argv": [
                {
                    "ref": "UseFIPS"
                },
                true
            ]
        }
    ],
    "type": "tree",

  "rules": [
        {
            "conditions": [
```

```
                                {
                                    "fn": "booleanEquals",
                                    "argv": [
                                        true,
                                        {
                                            "fn": "getAttr",
                                            "argv": [
                                                {
                                                    "ref": "PartitionResult"
                                                },
                                                "supportsFIPS"

                                    ]
                                        }
                                    ]
                                }
                            ],
                            "type": "tree",
                            "rules": [
                                {
                                    "conditions": [],
                                    "endpoint": {
                                        "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                                        "properties": {},
                                        "headers": {}

            },
                                    "type": "endpoint"
                                }
                            ]
                        },
                        {
                            "conditions": [],
                            "error": "FIPS is enabled but this partition does not support FIPS",
                            "type": "error"
                        }
                    ]
                },
                {
                    "conditions": [
                        {
                            "fn": "booleanEquals",
                            "argv": [
                                {
                                    "ref": "UseDualStack"
                                },
                                true
```

```
            ]
          }
        ],
        "type": "tree",
        "rules": [
          {
            "conditions": [
              {
                "fn": "booleanEquals",
                "argv": [
                  true,
                  {

                    "fn": "getAttr",
                      "argv": [
                        {
                          "ref": "PartitionResult"
                        },
                        "supportsDualStack"
                      ]
                    }
                  ]
                }
              ],
              "type": "tree",
              "rules": [
                {

                  "conditions": [],
                   "endpoint": {
                     "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                     "properties": {},
                     "headers": {}
                   },
                   "type": "endpoint"
                }
              ]
            },
            {
              "conditions": [],
              "error": "DualStack is enabled but this partition does
not support DualStack",
              "type": "error"
            }
          ]
        },
        {
```

```
                        "conditions": [],
                        "endpoint": {
                            "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                            "properties": {},
                            "headers": {}
                        },
                        "type": "endpoint"
                    }
                ]
            }
        ]
    },
    {
        "conditions":
[],
        "error": "Invalid Configuration: Missing Region",
        "type": "error"
    }
  ]
},
"smithy.rules#endpointTests": {
  "testCases": [
    {
      "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.us-east-1.api.aws"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation":
"For region us-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.us-east-1.amazonaws.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": true,
        "UseDualStack": false
```

```
        }
      },
      {
        "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions.us-east-1.api.aws"
          }
        },

      "params": {
          "Region": "us-east-1",
          "UseFIPS": false,
          "UseDualStack": true
        }
      },
      {
        "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions.us-east-1.amazonaws.com"
          }
        },
        "params": {
          "Region": "us-east-1",
          "UseFIPS": false,
          "UseDualStack": false
        }
      },
      {
        "documentation": "For region cn-north-1 with
 FIPS enabled and DualStack enabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions-fips.cn-north-
1.api.amazonwebservices.com.cn"
          }
        },
        "params": {
          "Region": "cn-north-1",
          "UseFIPS": true,
          "UseDualStack": true
        }
      },
      {
        "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
        "expect": {
          "endpoint": {
```

```
                "url": "https://license-manager-user-subscriptions-fips.cn-north-1.amazonaws.com.cn"
              }
            },

        "params": {
                "Region": "cn-north-1",
                "UseFIPS": true,
                "UseDualStack": false
              }
            },
            {
              "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
              "expect": {
                "endpoint": {
                  "url": "https://license-manager-user-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
                }
              },
              "params": {
                "Region": "cn-north-1",
                "UseFIPS": false,
                "UseDualStack": true
              }
            },
            {
              "documentation": "For region cn-north-1
with FIPS disabled and DualStack disabled",
              "expect": {
                "endpoint": {
                  "url": "https://license-manager-user-subscriptions.cn-north-1.amazonaws.com.cn"
                }
              },
              "params": {
                "Region": "cn-north-1",
                "UseFIPS": false,
                "UseDualStack": false
              }
            },
            {
              "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
              "expect": {
                "endpoint": {
                  "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.api.aws"
                }
              },

      "params": {
                "Region": "us-gov-east-1",
                "UseFIPS": true,
```

```
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
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            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1
with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-gov-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-gov-east-1.amazonaws.com"
            }
          },

    "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
```

```
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
      "expect":
{
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "error": "DualStack is enabled but this partition does not support DualStack"
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack":
true
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions.us-iso-east-1.c2s.ic.gov"
        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
```

```
            "expect": {
              "error": "FIPS and DualStack are enabled, but
this partition does not support one or both"
            },
            "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
              }
            },
            "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }

    },
          {
            "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
              "error": "DualStack is enabled but this partition does not support DualStack"
            },
            "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": false,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions.us-isob-east-1.sc2s.sgov.gov"
              }
            },
             "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": false,
              "UseDualStack": false
            }
          },
```

```
        {
          "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
          "expect": {
            "endpoint": {
              "url": "https://example.com"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {

"documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
          "expect": {
            "endpoint": {
              "url": "https://example.com"
            }
          },
          "params": {
            "UseFIPS": false,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "For custom endpoint with fips enabled and dualstack disabled",
          "expect": {
            "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
          },
          "params": {
            "Region": "us-east-1",
             "UseFIPS": true,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "For custom endpoint with fips disabled and dualstack enabled",
          "expect": {
            "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
```

```
                "UseDualStack": true,
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "Missing region",
              "expect": {
                "error": "Invalid Configuration: Missing Region"
              }
            }
          ],
          "version": "1.0"
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Lists the identity providers for user-based subscriptions.</p>",
```

```
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/ListIdentityProviders"
            },
            "smithy.api#paginated":
{
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "IdentityProviderSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest": {
        "type": "structure",
        "members": {
            "MaxResults": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
                "traits": {
                    "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
                }
            },
            "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse":
{
        "type": "structure",
        "members": {
            "IdentityProviderSummaries": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList",
                "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the list identity providers operation.</p>",
                    "smithy.api#required": {}
                }
            },
            "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
                }
            }
```

```
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#ListInstances": {
    "type": "operation",
    "input": {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest"
    },
    "output": {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse"
    },
    "errors": [
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
      }
    ],
    "traits": {
      "smithy.api#documentation": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
      "smithy.api#http": {
        "code": 200,
        "method": "POST",
        "uri": "/instance/ListInstances"
      },
      "smithy.api#paginated": {
        "inputToken": "NextToken",
        "outputToken": "NextToken",
        "pageSize": "MaxResults",
        "items": "InstanceSummaries"
      }
    }
  },
```

```
    "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest": {
      "type": "structure",
      "members": {
        "MaxResults": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
          "traits": {
            "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        },
        "Filters": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
          "traits": {
            "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse": {
      "type": "structure",
      "members": {
        "InstanceSummaries": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList",
          "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the list instances operation.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest"
      },
      "output": {
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```
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Lists the user-based subscription products available from an identity
provider.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/ListProductSubscriptions"
            },
            "smithy.api#paginated": {
              "inputToken": "NextToken",
              "outputToken": "NextToken",
              "pageSize": "MaxResults",
              "items": "ProductUserSummaries"
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest": {
          "type": "structure",
          "members": {
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name
```

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of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "MaxResults": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
                "traits": {
                    "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
                }
            },
            "Filters": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
                "traits": {

  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match
one or\n      more sets of key-value pairs that you specify.</p>"
                }
            },
            "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse": {
        "type": "structure",
        "members": {
            "ProductUserSummaries": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList",
                "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the list product subscriptions
operation.</p>"
                }
            },

     "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
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            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target":
"com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists user associations for an identity provider.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/user/ListUserAssociations"
          },
          "smithy.api#paginated":
{
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
```

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            "items": "InstanceUserSummaries"
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest": {
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse": {
        "type": "structure",
        "members": {
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        "InstanceUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList",
            "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the list user association operation.</p>"
            }
        },
        "NextToken": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
        }
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary": {
    "type": "structure",
    "members": {

    "Username": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
                "smithy.api#required": {}
            }
        },
        "Product": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
            }
        },
        "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required": {}
            }

},
        "Status": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The status of a product for a user.</p>",
                "smithy.api#required": {}
            }
        },
        "StatusMessage": {
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            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status message for a product for a user.</p>"
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          },
          "SubscriptionStartDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The
start date of a subscription.</p>"
            }
          },
          "SubscriptionEndDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The end date of a subscription.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The summary of the user-based subscription products for a user.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest"
         },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
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                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Registers an identity provider for user-based subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/RegisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity
provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "Settings": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
```

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            "traits": {
                "smithy.api#documentation": "<p>The registered identity providers product related configuration settings such as the\n      subnets to provision VPC endpoints.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary":
{
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the results of an identity provider operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The resource couldn't be found.</p>",
          "smithy.api#error": "client",
          "smithy.api#httpError": 404
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup": {
        "type": "string",

    "traits": {
          "smithy.api#length": {
            "min": 5,
            "max": 200
          },
          "smithy.api#pattern": "^sg-(([0-9a-z]{8})|([0-9a-z]{17}))$"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException": {
        "type": "structure",
        "members": {
```

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            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The request failed because a service quota is exceeded.</p>",
            "smithy.api#error": "client"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Settings": {
        "type": "structure",
        "members": {
            "Subnets": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
                "traits": {
                    "smithy.api#documentation":
"<p>The subnets defined for the registered identity provider.</p>",
                    "smithy.api#length": {
                        "min": 1
                    },
                    "smithy.api#required": {}
                }
            },
            "SecurityGroupId": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
                "traits": {
                    "smithy.api#documentation": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in\n      your VPC and the VPC endpoint for activation servers.</p>",
                    "smithy.api#required": {}
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The registered identity providers product related configuration settings
such as the\n      subnets to provision VPC endpoints, and the security group ID that
 is associated with the VPC\n      endpoints. The security group should permit inbound TCP port 1688
communication from resources\n      in the VPC.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse"
        },
        "errors": [
```

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            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Starts a product subscription for a user with the specified identity provider.</p>\n <note>\n <p>Your estimated bill for charges on the number of users and related costs will take 48\n hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing.
 For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n </note>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/StartProductSubscription"
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
```

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            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
             "traits": {
               "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
               "smithy.api#required": {}
             }
           },
           "Product": {
             "target": "smithy.api#String",
             "traits": {
               "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
               "smithy.api#required": {}
             }
           },
           "Domain": {
             "target": "smithy.api#String",
             "traits": {
               "smithy.api#documentation": "<p>The domain name of the user.</p>"
             }
           }
         }
       },
       "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse": {
         "type": "structure",
          "members": {
           "ProductUserSummary": {
             "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
             "traits": {
               "smithy.api#documentation": "<p>Metadata that describes the start product subscription
operation.</p>",
               "smithy.api#required": {}
             }
           }
         }
       },
       "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription": {
         "type": "operation",
         "input": {
           "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest"
         },
         "output": {
           "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse"
         },
         "errors": [
           {
             "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"

   },
           {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Stops a product subscription for a user with the specified identity
provider.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/user/StopProductSubscription"
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest": {
        "type": "structure",
        "members": {
          "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required":
{}
            }
          },
          "Product": {
            "target": "smithy.api#String",
```

```
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse": {
        "type": "structure",
        "members": {
          "ProductUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
            "traits": {
              "smithy.api#documentation":
"<p>Metadata that describes the start product subscription operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StringList": {
        "type": "list",
        "member": {
          "target": "smithy.api#String"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnet": {
        "type": "string",
        "traits": {
          "smithy.api#pattern": "subnet-[a-z0-9]{8,17}"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnets": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Subnet"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
          "message": {
```

```
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request was denied because of request throttling. Retry the
request.</p>",
          "smithy.api#error": "client"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Updates additional product configuration settings for the registered
identity\n      provider.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/UpdateIdentityProviderSettings"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest": {
        "type": "structure",
        "members": {
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
```

```
            "traits": {
              "smithy.api#required": {}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "UpdateSettings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings",
            "traits": {
              "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration settings. You can\n      update any combination of settings in a single operation such as the:</p>\n <ul>\n          <li>\n              <p>Subnets which you want to add to provision VPC endpoints.</p>\n          </li>\n          <li>\n              <p>Subnets which you want to remove the VPC endpoints from.</p>\n          </li>\n <li>\n              <p>Security group ID which permits traffic to the VPC endpoints.</p>\n          </li>\n      </ul>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings": {
        "type": "structure",
        "members": {
          "AddSubnets": {

           "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation": "<p>The ID of one or more subnets in which License Manager will create a VPC endpoint for products that\n      require connectivity to activation servers.</p>",
              "smithy.api#required": {}
            }
          },
          "RemoveSubnets": {
```

```
                "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of one or more subnets to remove.</p>",
                    "smithy.api#required": {}
                }
            },
            "SecurityGroupId": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
                "traits": {
                    "smithy.api#documentation": "<p>A security group ID
 that allows inbound TCP port 1688 communication between resources in\n      your VPC and the VPC endpoints for
activation servers.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration
settings such as\n      the subnets to provision VPC endpoints.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ValidationException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>A parameter is not valid.</p>",
            "smithy.api#error": "client"
        }
    }
  }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

```
// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
  params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version
 of the license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}
```

```
func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "DeleteLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack,
 options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if
 err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "DeleteLicense",
 }
}
```

1.173 jakarta xml bind api 2.3.3

1.173.1 Available under license :

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1.174 libpsl 0.21.0-1.2

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1.175 x-crypto 0.27.0

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1.176 jackson-dataformat-yaml 2.11.2

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1.177 netty-codec 4.1.51.Final

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

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

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

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

Found in path(s):
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/Headers.java
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* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java

* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
*
/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DateFormatter.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
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* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/ValueConverter.java
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* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
*
/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
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* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
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* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
*
 /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/base64/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
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 /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/CodecException.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/EncoderException.java

* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
*
 /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
*
 /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
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 /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/xml/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DecoderException.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
*
 /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/Delimiters.java

* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
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/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/string/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
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* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
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/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
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* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
*
/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/json/package-info.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java

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/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
*
/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* Robert
Harder's Public Domain
* Base64 Encoder/Decoder.
*/

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*/
/*
* Written by Robert Harder and released to the public domain, as explained at
* http://creativecommons.org/licenses/publicdomain
*/
/**
* 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>.
*/
```

Found in path(s):
* /netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/base64/Base64.java

1.178 godbus 5.1.0

1.178.1 Available under license :

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1.179 iconv 2.31

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Version 3, 29 June 2007

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1.181 spring-framework 5.2.24.RELEASE

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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/JettyHttpHandlerAdapter.java

* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/MissingRequestCookieException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/RequestCallback.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/reactive/AbstractClientHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/GenericHttpMessageConverter.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/method/support/HandlerMethodReturnValueHandlerComposite.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/HtmlCharacterEntityReferences.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/multipart/support/MultipartFilter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/DefaultSslInfo.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/support/ConfigurableWebBindingInitializer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/support/AbstractRefreshableWebApplicationContext.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/json/Jackson2JsonEncoder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/remoting/jaxws/AbstractJaxWsServiceExporter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/Netty4ClientHttpRequest.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/AbstractRequestAttributes.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/ResponseExtractor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/UnsatisfiedServletRequestParameterException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/accept/AbstractMappingContentNegotiationStrategy.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/method/annotation/SessionAttributesHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/session/HeaderWebSessionIdResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/RequestParam.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/remoting/caucho/SimpleHessianServiceExporter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/Netty4ClientHttpRequestFactory.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/PathVariable.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/SimpleStreamingClientHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/UndertowHttpHandlerAdapter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/WebApplicationInitializer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/remoting/jaxws/SimpleJaxWsServiceExporter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/xml/Jaxb2CollectionHttpMessageConverter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/TomcatHeadersAdapter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/NettyHeadersAdapter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/ExtractingResponseErrorHandler.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/accept/ParameterContentNegotiationStrategy.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/reactive/JettyResourceFactory.java

* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/UndertowHeadersAdapter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/MatrixVariable.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/converter/json/MappingJackson2HttpMessageConverter.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/converter/HttpMessageNotReadableException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/multipart/FilePart.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/SpringServletContainerInitializer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/ForwardedHeaderFilter.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/http/client/reactive/ClientHttpRequest.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/ErrorsMethodArgumentResolver.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/server/reactive/AbstractListenerServerHttpResponse.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/AbstractCookieValueMethodArgumentResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/HttpComponentsClientHttpResponse.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/support/RestGatewaySupport.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/ExceptionHandlerMethodResolver.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/multipart/commons/CommonsFileUploadSupport.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/RequestHeaderMethodArgumentResolver.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/ResponseBody.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/HttpPutFormContentFilter.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/support/ServletContextAttributeExporter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/SslInfo.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/FormContentFilter.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/request/async/DeferredResultInterceptorChain.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/NestedServletException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/RequestPart.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/ExpressionValueMethodArgumentResolver.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/codec/protobuf/ProtobufHttpMessageWriter.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/json/MappingJacksonValue.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/accept/ContentNegotiationStrategy.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/UriTemplateHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/ZeroCopyHttpOutputMessage.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/converter/AbstractGenericHttpMessageConverter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/HiddenHttpMethodFilter.java

* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/InterceptingAsyncClientHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/HttpHandler.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/support/GroovyWebApplicationContext.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/http/StreamingHttpOutputMessage.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/bind/ServletRequestParameterPropertyValues.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/remoting/jaxws/SimpleHttpServerJaxWsServiceExporter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/CodecConfigurerFactory.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/TagUtils.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/LoggingCodecSupport.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/protobuf/ProtobufCodecSupport.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/InitBinderDataBinderFactory.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/DefaultUriTemplateHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/jsf/DelegatingNavigationHandlerProxy.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/http/server/ServletServerHttpResponse.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/GenericFilterBean.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/DefaultRequestPath.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/cors/CorsProcessor.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/multipart/support/StandardServletMultipartResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/remoting/caucho/HessianExporter.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/multipart/support/DefaultMultipartHttpServletRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/HttpMessageEncoder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/RelativeRedirectFilter.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/async/WebAsyncTask.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/InvalidMediaTypeException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/HttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/remoting/caucho/HessianServiceExporter.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/HttpRequestMethodNotSupportedException.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/RequestParamMapMethodArgumentResolver.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/converter/protobuf/ExtensionRegistryInitializer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/JavaScriptUtils.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/ReactorHttpHandlerAdapter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/support/AsyncHttpAccessor.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/HttpMessageReader.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/remoting/httpinvoker/SimpleHttpInvokerRequestExecutor.java

* /spring-web-5-2-24-release-sources-jar/org/springframework/http/HttpEntity.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/DefaultServerWebExchangeBuilder.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/client/support/BasicAuthorizationInterceptor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/FacesRequestAttributes.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/OpaqueUriComponents.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/server/reactive/ContextPathCompositeHandler.java
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*/

Found in path(s):
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/RequestMethod.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/RequestContextListener.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/bind/support/SpringWebConstraintValidatorFactory.java
*
 /spring-web-5-2-24-release-sources-
jar/org/springframework/http/client/AbstractClientHttpRequestFactoryWrapper.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/SessionAttributes.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/converter/HttpMessageConversionException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/HttpSessionMutexListener.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/WebFilter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/CommonsRequestLoggingFilter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/RequestContextFilter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/HttpMessage.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/converter/HttpMessageNotWritableException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/multipart/MultipartResolver.java
*
 /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/WebFilterChain.java
* /spring-web-5-2-24-release-sources-

jar/org/springframework/web/context/request/DestructionCallbackBindingListener.java
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```
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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
/**
  * 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.
  */
```

Found in path(s):
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/ServerWebExchange.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
application/vnd.ms-powerpoint   ppt pps pot
application/vnd.ms-powerpoint.addin.macroenabled.12  ppam
application/vnd.ms-powerpoint.presentation.macroenabled.12 pptm
application/vnd.ms-powerpoint.slide.macroenabled.12  sldm
application/vnd.ms-powerpoint.slideshow.macroenabled.12  ppsm
application/vnd.ms-powerpoint.template.macroenabled.12  potm
# application/vnd.ms-printdevicecapabilities+xml
# application/vnd.ms-printing.printticket+xml
# application/vnd.ms-printschematicket+xml
application/vnd.ms-project   mpp mpt
# application/vnd.ms-tnef
# application/vnd.ms-windows.devicepairing
# application/vnd.ms-windows.nwprinting.oob
# application/vnd.ms-windows.printerpairing
# application/vnd.ms-windows.wsd.oob
# application/vnd.ms-wmdrm.lic-chlg-req
# application/vnd.ms-wmdrm.lic-resp
#
 application/vnd.ms-wmdrm.meter-chlg-req
# application/vnd.ms-wmdrm.meter-resp
application/vnd.ms-word.document.macroenabled.12 docm
application/vnd.ms-word.template.macroenabled.12 dotm
application/vnd.ms-works   wps wks wcm wdb
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
#
 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
application/vnd.nokia.radio-preset  rpst
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
application/vnd.oasis.opendocument.chart  odc
application/vnd.oasis.opendocument.chart-template otc
application/vnd.oasis.opendocument.database  odb
application/vnd.oasis.opendocument.formula  odf
application/vnd.oasis.opendocument.formula-template odft
application/vnd.oasis.opendocument.graphics  odg
application/vnd.oasis.opendocument.graphics-template otg
application/vnd.oasis.opendocument.image  odi
```

application/vnd.oasis.opendocument.image-template oti
application/vnd.oasis.opendocument.presentation odp
application/vnd.oasis.opendocument.presentation-template otp
application/vnd.oasis.opendocument.spreadsheet ods
application/vnd.oasis.opendocument.spreadsheet-template ots
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
#
application/vnd.obn
application/vnd.oftn.l10n+json
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
application/vnd.oipf.spdlist+xml
application/vnd.oipf.ueprofile+xml
application/vnd.oipf.userprofile+xml
application/vnd.olpc-sugar xo
application/vnd.oma-scws-config
application/vnd.oma-scws-http-request
application/vnd.oma-scws-http-response
application/vnd.oma.bcast.associated-procedure-parameter+xml
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
application/vnd.oma.bcast.sgdu
application/vnd.oma.bcast.simple-symbol-container
application/vnd.oma.bcast.smartcard-trigger+xml
application/vnd.oma.bcast.sprov+xml
application/vnd.oma.bcast.stkm
application/vnd.oma.cab-address-book+xml
#
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
application/vnd.oma.dcd

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
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application/vnd.oma.push
application/vnd.oma.scidm.messages+xml
application/vnd.oma.xcap-directory+xml
application/vnd.omads-email+xml
application/vnd.omads-file+xml
application/vnd.omads-folder+xml
application/vnd.omaloc-supl-init
application/vnd.onepager
application/vnd.openblox.game+xml
#
application/vnd.openblox.game-binary
application/vnd.openeye.oeb
application/vnd.openofficeorg.extension oxt
application/vnd.openxmlformats-officedocument.custom-properties+xml
application/vnd.openxmlformats-officedocument.customxmlproperties+xml
application/vnd.openxmlformats-officedocument.drawing+xml
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application/vnd.openxmlformats-officedocument.drawingml.chartshapes+xml
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application/vnd.openxmlformats-officedocument.extended-properties+xml
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application/vnd.openxmlformats-officedocument.presentationml.comments+xml
application/vnd.openxmlformats-officedocument.presentationml.handoutmaster+xml
#
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application/vnd.openxmlformats-officedocument.presentationml.notesslide+xml
application/vnd.openxmlformats-officedocument.presentationml.presentation pptx
application/vnd.openxmlformats-officedocument.presentationml.presentation.main+xml
application/vnd.openxmlformats-officedocument.presentationml.presprops+xml
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application/vnd.openxmlformats-officedocument.presentationml.slide+xml
application/vnd.openxmlformats-officedocument.presentationml.slidelayout+xml
application/vnd.openxmlformats-officedocument.presentationml.slidemaster+xml

application/vnd.openxmlformats-officedocument.presentationml.slideshow ppsx
application/vnd.openxmlformats-officedocument.presentationml.slideshow.main+xml
application/vnd.openxmlformats-officedocument.presentationml.slideupdateinfo+xml
#
 application/vnd.openxmlformats-officedocument.presentationml.tablestyles+xml
application/vnd.openxmlformats-officedocument.presentationml.tags+xml
application/vnd.openxmlformats-officedocument.presentationml.template potx
application/vnd.openxmlformats-officedocument.presentationml.template.main+xml
application/vnd.openxmlformats-officedocument.presentationml.viewprops+xml
application/vnd.openxmlformats-officedocument.spreadsheetml.calcchain+xml
application/vnd.openxmlformats-officedocument.spreadsheetml.chartsheet+xml
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application/vnd.openxmlformats-officedocument.spreadsheetml.connections+xml
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application/vnd.openxmlformats-officedocument.spreadsheetml.pivotcachedefinition+xml
application/vnd.openxmlformats-officedocument.spreadsheetml.pivotcacherecords+xml
#
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application/vnd.openxmlformats-officedocument.spreadsheetml.querytable+xml
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application/vnd.openxmlformats-officedocument.spreadsheetml.sheetmetadata+xml
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application/vnd.openxmlformats-officedocument.spreadsheetml.template xltx
application/vnd.openxmlformats-officedocument.spreadsheetml.template.main+xml
#
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application/vnd.openxmlformats-officedocument.spreadsheetml.volatiledependencies+xml
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application/vnd.openxmlformats-officedocument.themeoverride+xml
application/vnd.openxmlformats-officedocument.vmldrawing
application/vnd.openxmlformats-officedocument.wordprocessingml.comments+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.document docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document.glossary+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.document.main+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.endnotes+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.fonttable+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.footer+xml
#
 application/vnd.openxmlformats-officedocument.wordprocessingml.footnotes+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.numbering+xml

```
# application/vnd.openxmlformats-officedocument.wordprocessingml.settings+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.styles+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.template dotx
# application/vnd.openxmlformats-officedocument.wordprocessingml.template.main+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.websettings+xml
# application/vnd.openxmlformats-package.core-properties+xml
# application/vnd.openxmlformats-package.digital-signature-xmlsignature+xml
# application/vnd.openxmlformats-package.relationships+xml
# application/vnd.oracle.resource+json
# application/vnd.orange.indata
# application/vnd.osa.netdeploy
application/vnd.osgeo.mapguide.package  mgp
# 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
application/vnd.pawaafile   paw
# 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
application/vnd.previewsystems.box  box
application/vnd.proteus.magazine  mgz
application/vnd.publishare-delta-tree  qps
application/vnd.pvi.ptid1   ptid
# application/vnd.pwg-multiplexed
# application/vnd.pwg-xhtml-print+xml
# application/vnd.qualcomm.brew-app-res
#
 application/vnd.quarantainenet
application/vnd.quark.quarkxpress  qxd qxt qwd qwt qxl qxb
```

application/vnd.quobject-quoxdocument
application/vnd.radisys.moml+xml
application/vnd.radisys.msml+xml
application/vnd.radisys.msml-audit+xml
application/vnd.radisys.msml-audit-conf+xml
application/vnd.radisys.msml-audit-conn+xml
application/vnd.radisys.msml-audit-dialog+xml
application/vnd.radisys.msml-audit-stream+xml
application/vnd.radisys.msml-conf+xml
application/vnd.radisys.msml-dialog+xml
application/vnd.radisys.msml-dialog-base+xml
application/vnd.radisys.msml-dialog-fax-detect+xml
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
#
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
application/vnd.route66.link66+xml link66
application/vnd.rs-274x
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
application/vnd.sealed.doc
application/vnd.sealed.eml
application/vnd.sealed.mht
application/vnd.sealed.net
application/vnd.sealed.ppt
application/vnd.sealed.tiff
application/vnd.sealed.xls
application/vnd.sealedmedia.softseal.html
application/vnd.sealedmedia.softseal.pdf
application/vnd.seemail see

application/vnd.sema sema
application/vnd.semd semd
application/vnd.semf semf
application/vnd.shana.informed.formdata ifm
application/vnd.shana.informed.formtemplate itp
application/vnd.shana.informed.interchange iif
application/vnd.shana.informed.package ipk
application/vnd.simtech-mindmapper twd
twds
application/vnd.siren+json
application/vnd.smaf mmf
application/vnd.smart.notebook
application/vnd.smart.teacher teacher
application/vnd.software602.filler.form+xml
application/vnd.software602.filler.form-xml-zip
application/vnd.solent.sdkm+xml sdkm sdkd
application/vnd.spotfire.dxp dxp
application/vnd.spotfire.sfs sfs
application/vnd.sss-cod
application/vnd.sss-dtf
application/vnd.sss-ntf
application/vnd.stardivision.calc sdc
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
application/vnd.stepmania.package smzip
application/vnd.stepmania.stepchart sm
application/vnd.street-stream
application/vnd.sun.wadl+xml
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
application/vnd.syncml.dmddf+wbxml
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
application/vnd.trueapp tra
#
application/vnd.truedoc
application/vnd.ubisoft.webplayer
application/vnd.ufdl ufd ufdl
application/vnd.uiq.theme utz
application/vnd.umajin umj
application/vnd.unity unityweb
application/vnd.uoml+xml uoml
application/vnd.uplanet.alert
application/vnd.uplanet.alert-wbxml
application/vnd.uplanet.bearer-choice
application/vnd.uplanet.bearer-choice-wbxml
application/vnd.uplanet.cacheop
application/vnd.uplanet.cacheop-wbxml
application/vnd.uplanet.channel
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
application/vnd.wap.wbxml wbxml
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
application/vnd.yamaha.hv-dic hvd
application/vnd.yamaha.hv-script hvs
application/vnd.yamaha.hv-voice hvp
application/vnd.yamaha.openscoreformat osf
application/vnd.yamaha.openscoreformat.osfpvg+xml osfpvg
application/vnd.yamaha.remote-setup
application/vnd.yamaha.smaf-audio saf
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
#
 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
application/x-font-pcf    pcf
application/x-font-snf    snf
# application/x-font-speedo
# application/x-font-sunos-news
application/x-font-ttf    ttf ttc
application/x-font-type1   pfa pfb pfm afm
# 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
application/x-tex tex
application/x-tex-tfm tfm
application/x-texinfo texinfo
texi
application/x-tgif obj
application/x-ustar ustar
application/x-wais-source src
application/x-www-form-urlencoded
application/x-x509-ca-cert der crt
application/x-xfig fig
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
application/xv+xml    mxml xhvml xvml xvm
application/yang    yang
application/yin+xml    yin
application/zip    zip
# application/zlib
# audio/1d-interleaved-parityfec
# audio/32kadpcm
# 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
audio/basic    au snd
# audio/bv16
# audio/bv32
# audio/clearmode
# audio/cn
# audio/dat12
# audio/dls
# audio/dsr-es201108
# audio/dsr-es202050
# audio/dsr-es202211
# audio/dsr-es202212
# audio/dv
# audio/dvi4
# audio/eac3
# audio/encaprtp
# audio/evrc
# audio/evrc-qcp
# audio/evrc0
# audio/evrc1
#
 audio/evrcb
# audio/evrcb0
```

audio/evrcb1
audio/evrcnw
audio/evrcnw0
audio/evrcnw1
audio/evrcwb
audio/evrcwb0
audio/evrcwb1
audio/evs
audio/example
audio/fwdred
audio/g711-0
audio/g719
audio/g722
audio/g7221
audio/g723
audio/g726-16
audio/g726-24
audio/g726-32
audio/g726-40
audio/g728
audio/g729
audio/g7291
audio/g729d
audio/g729e
audio/gsm
audio/gsm-efr
audio/gsm-hr-08
audio/ilbc
audio/ip-mr_v2.5
audio/isac
audio/l16
audio/l20
audio/l24
audio/l8
audio/lpc
audio/midi mid midi kar rmi
audio/mobile-xmf
audio/mp4 m4a mp4a
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
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chemical/x-cif cif
chemical/x-cmdf cmdf
chemical/x-cml cml
chemical/x-csml csml
chemical/x-pdb
chemical/x-xyz xyz
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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
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image/vnd.dxf dxf
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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.momml+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
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# multipart/form-data
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# 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
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# text/vnd.dmclientscript
text/vnd.dvb.subtitle	sub
# text/vnd.esmertec.theme-descriptor
text/vnd.fly	fly
text/vnd.fmi.flexstor	flx
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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
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# 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
video/rtx
video/smpte292m
video/ulpfec
video/vc1
video/vnd.cctv
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video/vnd.mpegurl mxu m4u

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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

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* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/bind/MissingServletRequestParameterException.java
* /spring-web-5-2-24-release-sources-

jar/org/springframework/remoting/httpinvoker/HttpInvokerClientConfiguration.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/HttpMediaTypeNotAcceptableException.java
*
/spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/jsf/DelegatingPhaseListenerMulticaster.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/MediaTypeEditor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/remoting/jaxws/JaxWsSoapFaultException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/ResourceAccessException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/support/SimpleSessionStatus.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/ServletRequestBindingException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/jsf/DecoratingNavigationHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/IntrospectorCleanupListener.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/ConfigurableWebEnvironment.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/http/client/AbstractClientHttpResponse.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/ValueConstants.java
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* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/codec/multipart/SynchronossPartHttpMessageReader.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/ModelAttributeMethodProcessor.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/support/CompositeUriComponentsContributor.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/RegexPathElement.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/method/HandlerTypePredicate.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/WildcardTheRestPathElement.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/CaptureVariablePathElement.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/CookieValue.java

* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/PathPattern.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/adapter/HttpWebHandlerAdapter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/PatternParseException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/MediaTypeFactory.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/cors/CorsConfiguration.java
*
 /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/LiteralPathElement.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/DefaultResponseErrorHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/UriComponents.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/util/pattern/SingleCharWildcardedPathElement.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/ResponseEntity.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/UriComponentsBuilder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/JettyHeadersAdapter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/UrlPathHelper.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/ResponseStatusException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/PathContainer.java
*
 /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/WildcardPathElement.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/SeparatorPathElement.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/server/handler/ResponseStatusExceptionHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/DefaultPathContainer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/CaptureTheRestPathElement.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/session/WebSessionIdResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/ReactiveHttpOutputMessage.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/support/ServletContextLiveBeansView.java
*

/spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/support/WebBindingInitializer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/DeleteMapping.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/RequestContextHolder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/RequestAttribute.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/HttpRequestHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/annotation/SessionScope.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/WebRequestInterceptor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/CompositeFilter.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/remoting/httpinvoker/HttpInvokerRequestExecutor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/multipart/MultipartRequest.java
*
/spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/annotation/RequestHeaderMapMethodArgumentResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/ClientHttpRequestFactory.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/request/async/TimeoutDeferredResultProcessingInterceptor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/WebAppRootListener.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/json/SpringHandlerInstantiator.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/ReactiveHttpInputMessage.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/PutMapping.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/WebApplicationContext.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/annotation/ApplicationScope.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/PatchMapping.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/GetMapping.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/session/WebSessionManager.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/cors/CorsConfigurationSource.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/WebExceptionHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/ClientHttpRequestExecution.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/PostMapping.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/RequestScope.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/request/async/AsyncRequestTimeoutException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/cors/reactive/CorsConfigurationSource.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/web/server/WebHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/SessionScope.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/FacesWebRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/SessionAttribute.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/annotation/RequestScope.java
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* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/support/ServletContextPropertySource.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/AbstractClientHttpRequest.java
*
 /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/ConfigurableWebApplicationContext.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/ClientHttpRequest.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/converter/feed/AtomFeedHttpMessageConverter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/jsf/FacesContextUtils.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/method/support/HandlerMethodArgumentResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/ServerHttpAsyncRequestControl.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/ServerHttpResponse.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/accept/MediaTypeFileExtensionResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/xml/AbstractJaxb2HttpMessageConverter.java
*
 /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/support/GenericWebApplicationContext.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/ResourceHttpMessageWriter.java

* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/support/AnnotationConfigWebApplicationContext.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/pattern/InternalPathPatternParser.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/HtmlCharacterEntityDecoder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/multipart/support/MultipartResolutionDelegate.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/ChannelSendOperator.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/support/ServerDefaultCodecsImpl.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/CacheControl.java
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 /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/RestControllerAdvice.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/AbstractListenerWriteFlushProcessor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/handler/WebHandlerDecorator.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/reactive/ClientHttpResponse.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/reactive/ServerWebExchangeContextFilter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/AbstractServerHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/cors/UrlBasedCorsConfigurationSource.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/UnknownHttpStatusCodeException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/method/annotation/AbstractWebArgumentResolverAdapter.java
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 /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/cbor/Jackson2CborEncoder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/AbstractListenerReadPublisher.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/async/DeferredResult.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/HttpServerErrorException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/HttpStatusCodeException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/cbor/Jackson2CborDecoder.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/support/RequestHandledEvent.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/session/InMemoryWebSessionStore.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/HttpStatus.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/cbor/MappingJackson2CborHttpMessageConverter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/ServerWebExchangeDecorator.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/support/DefaultClientCodecConfigurer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/UriUtils.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/HttpRange.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/method/annotation/ModelFactory.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/CorsFilter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/DecoderHttpMessageReader.java
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* /spring-web-5-2-24-release-sources-
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/OkHttp3ClientHttpRequestFactory.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/InterceptingClientHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/ClientCodecConfigurer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/ServerCodecConfigurer.java
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/spring-web-5-2-24-release-sources-jar/org/springframework/web/util/HtmlUtils.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/ControllerAdvice.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/filter/reactive/ForwardedHeaderFilter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/FormHttpMessageWriter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/xml/JaxbContextContainer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/support/HttpAccessor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/support/ClientDefaultCodecsImpl.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/HttpClientErrorException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/xml/XmlEventDecoder.java

* /spring-web-5-2-24-release-sources-jar/org/springframework/web/method/annotation/RequestParamMethodArgumentResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/support/DefaultServerCodecConfigurer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/ContentCachingResponseWrapper.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/RestOperations.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/RestOperationsExtensions.kt
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/support/BasicAuthenticationInterceptor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/ResourceHttpMessageReader.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/HttpMessageWriter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/protobuf/ProtobufDecoder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/feed/AbstractWireFeedHttpMessageConverter.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/ServletServerHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/ModelAttribute.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/ServletRequestDataBinder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/WebDataBinder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/support/WebRequestDataBinder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/support/WebExchangeDataBinder.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/accept/ServletPathExtensionContentNegotiationStrategy.java
*
/spring-web-5-2-24-release-sources-jar/org/springframework/remoting/httpinvoker/AbstractHttpInvokerRequestExecutor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/json/GsonHttpMessageConverter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/session/DefaultWebSessionManager.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/json/AbstractJackson2Encoder.java

* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/UriTemplate.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/cors/CorsUtils.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/MediaType.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/ServerHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/CodecConfigurer.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/server/MediaTypeNotSupportedStatusException.java
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/spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/json/Jackson2Tokenizer.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/RequestMapping.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/HttpMessageConverter.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/async/WebAsyncManager.java
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* /spring-web-5-2-24-release-sources-
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/bind/annotation/CrossOrigin.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/ServerSentEventHttpMessageWriter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/WriteResultPublisher.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/http/converter/json/Jackson2ObjectMapperBuilder.java
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* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/server/handler/ExceptionHandlingWebHandler.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/ReactorServerHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/server/adapter/WebHttpHandlerBuilder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/reactive/ReactorClientHttpConnector.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/ClientHttpResponse.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/reactive/ReactorResourceFactory.java
* /spring-web-5-2-24-release-sources-
jar/org/springframework/web/context/support/ServletContextResourcePatternResolver.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/support/BaseDefaultCodecs.java

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/spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/multipart/MultipartHttpMessageReader.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/UndertowServerHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/cors/reactive/UrlBasedCorsConfigurationSource.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/multipart/MultipartHttpMessageWriter.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/UndertowServerHttpResponse.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/server/reactive/ServerHttpRequestDecorator.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/reactive/JettyClientHttpRequest.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/accept/ContentNegotiationManagerFactoryBean.java
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/spring-web-5-2-24-release-sources-jar/org/springframework/web/client/RestClientException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/method/annotation/ModelMethodProcessor.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/HierarchicalUriComponents.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/method/ControllerAdviceBean.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/ResourceHttpMessageConverter.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/client/UnknownContentTypeException.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/converter/protobuf/ProtobufJsonFormatHttpMessageConverter.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/json/AbstractJackson2Decoder.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/http/codec/json/Jackson2JsonDecoder.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/ContentDisposition.java
* /spring-web-5-2-24-release-sources-jar/org/springframework/web/method/support/InvocableHandlerMethod.java

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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/cors/DefaultCorsProcessor.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/accept/MappingMediaTypeFileExtensionResolver.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/context/request/WebRequest.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/web/util/WebUtils.java
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* /spring-web-5-2-24-release-sources-jar/org/springframework/http/client/reactive/JettyClientHttpConnector.java

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1.197 prometheus-client 1.20.5

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1.204 sys-mountinfo 0.7.2

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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,
* {@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and
* {@link ChannelDuplexHandler} to handle both inbound and outbound events
*

```
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
 or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&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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1.212 kerberos 1.18.3-6+deb11u7

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1.213 runtime-tools 0.9.1-0.20221107090550-2e043c6bd626

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To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

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Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)
From: Mark Adamson <adamson@andrew.cmu.edu>
To: Stephen Frost <sfrost@debian.org>
Subject: Re: Mark Adamson license in OpenLDAP source

Hi Stephen,

I don't see how this conflicts with the Debian FSG. The first statement
in the copyright pertaining to CMU say only that we don't license out the
software. The second mention denies the right to say things like,
"Now!
Powered by software from Carnegie Mellon!" There is no restriction
on modifications and derived works.

-Mark

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After discussing this license with the OpenLDAP Foundation we received
clarification on it:
---

* To: Stephen Frost <sfrost@snowman.net>
* Subject: Re: OpenLDAP Licenseing issues
* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>

* Date: Wed, 28 May 2003 10:55:44 -0700
* Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>

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you think are necessary. I suggest you contact University's general
counsel office (http://www.umich.edu/~vpgc/).

Regards, Kurt

1.216 gettext 0.21-4

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@enumerate a
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@item
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@subheading END OF TERMS AND CONDITIONS

@page
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@end iftex
@ifinfo
@center END OF TERMS AND CONDITIONS

@end ifinfo

@page
@heading Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the ``copyright'' line and a pointer to where the full notice is found.

@smallexample
@var{one line to give the program's name
 and a brief idea of what it does.}
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If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

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 69, Copyright (C) @var{year} @var{name of author}
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
@end smallexample

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

@example
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`Gnomovision' (which makes passes at compilers) written by James Hacker.

@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice
@end example

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those

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

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

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

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is
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1.217 hdrhistogram 2.1.12

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Manifest-Version: 1.0
Bnd-LastModified: 1575980548657
Build-Jdk: 1.8.0_232
Built-By: gil
Bundle-Description: HdrHistogram supports the recording and analyzing sa
mpled data value counts across a configurable integer value rang
e with configurable value precision within the range. Value prec
ision is expressed as the number of significant digits in the va
lue recording, and provides control over value quantization beha
vior across the value range and the subsequent value resolution
at any given level.
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Bundle-ManifestVersion: 2
Bundle-Name: HdrHistogram
Bundle-SymbolicName: org.hdrhistogram.HdrHistogram
Bundle-Version: 2.1.12
Created-By: Apache Maven Bundle Plugin
Export-Package: org.HdrHistogram;version="2.1.12",org.HdrHistogram.packe
darray;version="2.1.12"
Implementation-Title:
HdrHistogram
Implementation-Vendor-Id: org.hdrhistogram
Implementation-Version: 2.1.12
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Specification-Title: HdrHistogram
Specification-Version: 2.1.12
Tool: Bnd-2.3.0.201405100607

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* /hdrhistogram-2-1-12-1-jar/META-INF/MANIFEST.MF
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1.218 otel 1.31.0

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1.219 plugin 1.0.0

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1.220 glibc 2.31-0ubuntu9.1

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1.221 grpc-gateway 2.22.0

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1.222 anyio 4.0.0

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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiObjectLocator.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/bsh/BshScriptUtils.java
*
/spring-context-5-2-24-release-sources-1-
jar/org/springframework/ejb/access/LocalStatelessSessionProxyFactoryBean.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/jmx/export/assembler/AbstractReflectiveMBeanInfoAssembler.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/format/datetime/joda/JodaTimeContextHolder.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/jmx/export/assembler/MethodNameBasedMBeanInfoAssembler.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/event/SmartApplicationListener.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scheduling/concurrent/ThreadPoolTaskScheduler.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationResult.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperation.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/format/datetime/standard/DateTimeFormatterFactory.java
*

/spring-context-5-2-24-release-sources-1-
jar/org/springframework/instrument/classloading/ReflectiveLoadTimeWeaver.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scripting/config/ScriptBeanDefinitionParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/MessageSourceAware.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiTemplate.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/cache/interceptor/CacheOperationExpressionEvaluator.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/event/EventExpressionRootObject.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/cache/interceptor/CacheOperationInvocationContext.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/validation/BeanPropertyBindingResult.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/format/support/FormattingConversionService.java
*
/spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/ConditionEvaluator.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/annotation/AsyncResult.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/annotation/EnableAsync.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scheduling/concurrent/ScheduledExecutorFactoryBean.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scheduling/annotation/ProxyAsyncConfiguration.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/ImportRegistry.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/config/CacheAdviceParser.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/remoting/support/SimpleHttpServerFactoryBean.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/annotation/ComponentScanBeanDefinitionParser.java
*
/spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/metadata/ManagedAttribute.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/rmi/RmiServiceExporter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/config/ScriptingDefaultsParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/ProfileCondition.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/CacheableOperation.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiCallback.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/rmi/RmiRegistryFactoryBean.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/cache/annotation/AbstractCachingConfiguration.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/BeanAnnotationHelper.java
*
/spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/event/GenericApplicationListenerAdapter.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/PropertySourcesPlaceholderConfigurer.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/Profile.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/validation/DirectFieldBindingResult.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ejb/access/AbstractSlsbInvokerInterceptor.java
* /spring-context-5-2-24-release-sources-1-

jar/org/springframework/remoting/rmi/RemoteInvocationSerializingExporter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/Lifecycle.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scheduling/annotation/AsyncAnnotationAdvisor.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/AdviceMode.java
*
/spring-context-5-2-24-release-sources-1-jar/org/springframework/context/support/MessageSourceAccessor.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):
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ui/ModelExtensions.kt
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jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/Cache.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/support/StaticMessageSource.java
*
 /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/event/ApplicationEventMulticaster.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/MessageSource.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationSource.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/access/MBeanClientInterceptor.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/CacheManager.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/event/EventListenerMethodProcessor.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/annotation/CacheAnnotationParser.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/ReloadableResourceBundleMessageSource.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/jmx/export/annotation/AnnotationJmxAttributeSource.java
*

/spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/annotation/ClassPathBeanDefinitionScanner.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/support/StandardScriptFactory.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/support/BeanDefinitionDsl.kt
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/weaving/DefaultContextLoadTimeWeaver.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/AbstractCacheInvoker.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/event/SimpleApplicationEventMulticaster.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiTemplateEditor.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/support/AbstractCacheManager.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/instrument/classloading/jboss/JBossLoadTimeWeaver.java
*
/spring-context-5-2-24-release-sources-1-
jar/org/springframework/cache/annotation/SpringCacheAnnotationParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/support/AbstractMessageSource.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/support/TaskUtils.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/event/EventExpressionEvaluator.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/support/StaticApplicationContext.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/ApplicationListener.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/validation/ObjectError.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/ApplicationEvent.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/jmx/support/MBeanServerConnectionFactoryBean.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/support/MBeanServerFactoryBean.java
*
/spring-context-5-2-24-release-sources-1-jar/org/springframework/context/ResourceLoaderAware.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/GenericApplicationContext.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/annotation/AnnotationConfigApplicationContextExtensions.kt
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ui/ModelMap.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/annotation/ImportBeanDefinitionRegistrar.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/GenericApplicationContextExtensions.kt
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/annotation/AnnotationConfigRegistry.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/annotation/Async.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/ApplicationEventPublisher.java
*
/spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/CacheProxyFactoryBean.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/ApplicationContextAwareProcessor.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/config/ScheduledTaskRegistrar.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/instrument/classloading/InstrumentationLoadTimeWeaver.java

* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/DefaultMessageSourceResolvable.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/support/ConnectorServerFactoryBean.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/ResourceBundleMessageSource.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/cache/interceptor/CompositeCacheOperationSource.java
*
/spring-context-5-2-24-release-sources-1-
jar/org/springframework/cache/annotation/AnnotationCacheOperationSource.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/SmartLifecycle.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/annotation/AnnotatedBeanDefinitionReader.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/ParserStrategyUtils.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/event/EventListener.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/standard/InstantFormatter.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/cache/interceptor/CacheOperationSourcePointcut.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/annotation/Scheduled.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/Import.java
*
/spring-context-5-2-24-release-sources-1-jar/org/springframework/ui/Model.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/instrument/classloading/ShadowingClassLoader.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/support/SimpleJndiBeanFactory.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/ConfigurationClass.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/event/ApplicationListenerMethodAdapter.java
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jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/remoting/support/RemoteInvocationFactory.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/SpringModelMBean.java
*
/spring-context-5-2-24-release-sources-1-
jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
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* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/format/datetime/joda/LocalDateTimeParser.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/validation/beanvalidation/OptionalValidatorFactoryBean.java
*
/spring-context-5-2-24-release-sources-1-
jar/org/springframework/format/datetime/joda/MillisecondInstantPrinter.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/format/datetime/joda/ReadablePartialPrinter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/i18n/LocaleContext.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/joda/DateTimeParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/joda/LocalTimeParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/Description.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scheduling/concurrent/CustomizableThreadFactory.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/MessageSourceResourceBundle.java
*

/spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/FilterType.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.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}</a>
* 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-5-2-24-release-sources-1-jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java
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* limitations under the License.
*/
/**
* 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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jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/ApplicationEventPublisherAware.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java
*
 /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/ImportAware.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/SimpleKeyGenerator.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiLocatorDelegate.java
*
/spring-context-5-2-24-release-sources-1-
jar/org/springframework/format/datetime/standard/TemporalAccessorParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/annotation/Caching.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/annotation/ScopeMetadataResolver.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/config/AbstractPropertyLoadingBeanDefinitionParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/CacheEvaluationContext.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/jmx/export/annotation/ManagedNotifications.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/context/support/GenericXmlApplicationContext.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/annotation/CacheEvict.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationUtils.java
*
/spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/TaskScheduler.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scheduling/config/ScheduledTasksBeanDefinitionParser.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiPropertySource.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/groovy/GroovyObjectCustomizer.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/annotation/Cacheable.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/standard/PeriodFormatter.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/KeyGenerator.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scheduling/annotation/SchedulingConfiguration.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/scheduling/config/ExecutorBeanDefinitionParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/annotation/Schedules.java

* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/bsh/BshScriptFactory.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/standard/DurationFormatter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/support/StandardScriptUtils.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/Primary.java
*
/spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/standard/YearMonthFormatter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/rmi/RmiClientInterceptorUtils.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/Parser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/instrument/classloading/weblogic/WebLogicLoadTimeWeaver.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/support/CompositeCacheManager.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/PayloadApplicationEvent.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedResource.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/ComponentScans.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/ScriptEvaluator.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedOperationParameter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/validation/beanvalidation/SpringConstraintValidatorFactory.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/event/EventListenerFactory.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/joda/PeriodFormatter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/joda/DurationFormatter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedNotification.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/RemoteTimeoutException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/joda/MonthDayFormatter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/support/StandardScriptEvalException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedMetric.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/number/money/CurrencyUnitFormatter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/config/LangNamespaceHandler.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/number/PercentStyleFormatter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/support/CronTrigger.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedOperation.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/joda/YearMonthFormatter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/annotation/ImportResource.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/annotation/CacheConfig.java
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/instrument/classloading/tomcat/TomcatLoadTimeWeaver.java
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/stereotype/Indexed.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/stereotype/Service.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/support/NotificationListenerHolder.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/config/TriggerTask.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/validation/DefaultMessageCodesResolver.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/CacheInterceptor.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/config/IntervalTask.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/support/RemoteAccessor.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/bsh/BshScriptEvaluator.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/stereotype/Controller.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/config/ScheduledTaskHolder.java
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/rmi/JndiRmiProxyFactoryBean.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/stereotype/Repository.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/support/NullValue.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiAccessor.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/support/SimpleValueWrapper.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/access/ConnectorDelegate.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/datetime/joda/JodaTimeContext.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/groovy/GroovyScriptEvaluator.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/event/EventPublicationInterceptor.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/ScriptFactory.java
* /spring-context-5-2-24-release-sources-1-
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/spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiObjectTargetSource.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/config/Task.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/access/MBeanProxyFactoryBean.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/stereotype/Component.java
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/support/MetricType.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/metadata/JmxMetadataUtils.java
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/EnvironmentAware.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ui/ExtendedModelMap.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/TypeMismatchNamingException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/support/StaticScriptSource.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/config/FixedDelayTask.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/metadata/ManagedMetric.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/config/CacheNamespaceHandler.java
*
/spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/rmi/RmiProxyFactoryBean.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/i18n/SimpleLocaleContext.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/expression/MapAccessor.java
* /spring-context-5-2-24-release-sources-1-

jar/org/springframework/scheduling/concurrent/ConcurrentTaskScheduler.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/expression/AnnotatedElementKey.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/cache/interceptor/NamedCacheResolver.java
* /spring-context-5-2-24-release-sources-1-
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/spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/number/CurrencyStyleFormatter.java
* /spring-context-5-2-24-release-sources-1-
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/spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/config/CronTask.java
* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/cache/concurrent/ConcurrentMapCacheFactoryBean.java
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/ApplicationContextAware.java
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/spring-context-5-2-24-release-sources-1-jar/org/springframework/context/NoSuchMessageException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ejb/access/EjbAccessException.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/SchedulingException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/MBeanExportException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ui/context/ThemeSource.java
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/spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/rmi/RmiClientInterceptor.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/validation/BindingErrorProcessor.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/RemoteConnectFailureException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scheduling/TriggerContext.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/Phased.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ui/context/Theme.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/rmi/RmiBasedExporter.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/context/event/ApplicationContextEvent.java
* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/scripting/ScriptSource.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jndi/JndiLookupFailureException.java

* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/JmxException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/format/Formatter.java
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* /spring-context-5-2-24-release-sources-1-
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ui/context/support/SimpleTheme.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java
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* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/export/MBeanExporterListener.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/validation/BindingResultUtils.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/remoting/RemoteProxyFailureException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/jmx/MBeanServerNotFoundException.java
* /spring-context-5-2-24-release-sources-1-jar/org/springframework/ui/context/HierarchicalThemeSource.java
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* /spring-context-5-2-24-release-sources-1-
jar/org/springframework/validation/beanvalidation/LocalValidatorFactoryBean.java
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1.224 codegangsta-cli 2.27.5

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1.226 container-device-interface 0.8.0

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1.227 jboss-logging 3.4.1.Final

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1.231 pymongo 4.4.1

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1.232 libreadline 8.1-1

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ftp.gnu.org:/pub/gnu/readline/readline-6.0.tar.gz.

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1.235 miekg-dns 1.1.57

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1.237 xerces-c 3.2.2+debian-1ubuntu0.2

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1.238 javax-activation 1.2.2

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1.240 xz 5.2.5-2.1~deb11u1

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1.241 jackson 2.11.2

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1.242 attr 2.4.48-5

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1.243 brotli 1.0.7-6ubuntu0.1

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1.244 libtasn 4.16.0

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1.248 postgre-sql 42.2.14

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1.249 aws-sdk-go-v2-credentials 1.16.16

1.249.1 Available under license :

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options)) (*AssociateLicenseOutput, error) {
 if params == nil {
  params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
```

```
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
  return nil,
 err
 }

 out := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{}, middleware.After)
 if err !=
 nil {
  return err
 }
```

```
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "AssociateLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack);
err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
```

```
 if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack,
 options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "AssociateLicense",
 }
}
AWS SDK for Go
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name: License Scan

on: [pull_request]

jobs:
 licensescan:
   name: License Scan
   runs-on: ubuntu-latest
   strategy:
     matrix:
       python-version: [3.9]
```

```
  steps:
    - name: Checkout target
      uses: actions/checkout@v2
      with:
        path: sdkbase
        ref: ${{ github.base_ref }}
    - name: Checkout this ref
      uses: actions/checkout@v2
      with:
        path: new-ref
        fetch-depth: 0
    - name: Get Diff
      run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
    - name: Get Target Files
      run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
    - name: Checkout scancode
      uses: actions/checkout@v2
      with:
        repository: nexB/scancode-toolkit
        path: scancode-toolkit
        fetch-depth: 1
    - name: Set up Python ${{ matrix.python-version }}
       uses: actions/setup-python@v2
      with:
        python-version: ${{ matrix.python-version }}
    # ScanCode
    - name: Self-configure scancode
      working-directory: ./scancode-toolkit
      run: ./scancode --help
    - name: Run Scan code on target
      run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
    - name: Run Scan code on pr ref
      run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
    # compare
    - name: License test
      run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
```

```
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
  params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
```

```
}
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "CheckInLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return
 err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckInLicense",
 }
}
{
   "smithy": "2.0",
   "shapes": {
      "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger": {
         "type": "integer"
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong": {
         "type": "long"
      },
```

```
    "com.amazonaws.licensemanagerlinuxsubscriptions#Filter": {
      "type": "structure",
      "members": {
        "Name": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The type of name to filter by.</p>"
          }
        },
        "Values": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
          "traits": {
            "smithy.api#documentation": "<p>One or more values for the name to filter by.</p>"
          }
        },
        "Operator": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Operator",
           "traits": {
            "smithy.api#documentation": "<p>An operator for filtering results.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>A filter object that is used to return more specific results from a describe
operation.\n      Filters can be used to match a set of resources by specific criteria.</p>"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Filter"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest"
      },
      "output": {

       "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
```

```
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the Linux subscriptions service settings.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/GetServiceSettings"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest":
{
        "type": "structure",
        "members": {}
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    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse": {
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },
            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>Lists the settings defined for Linux subscriptions discovery. The
settings include if\n      Organizations integration has been enabled, and
 which Regions data will be aggregated from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
                    "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation": "<p>A message which details the Linux subscriptions service settings
```

```
current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays
 the aggregated data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Instance": {
        "type": "structure",
        "members": {
            "AmiId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The AMI ID used to launch the instance.</p>"
                }
            },
            "InstanceID": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The instance ID of the resource.</p>"
                }
            },
            "InstanceType": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The instance type of the resource.</p>"
                }

        },
            "AccountID": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The account ID which owns the instance.</p>"
                }
            },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of the instance.</p>"
                }
            },
            "Region": {
                "target": "smithy.api#String",
```

```
            "traits": {
                "smithy.api#documentation": "<p>The Region the instance is running in.</p>"
            }
        },
        "UsageOperation": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The usage operation of the instance. For more information, see For more information, see\n        <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i>.</p>"
            }
        },
        "ProductCode": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList",
            "traits": {
                "smithy.api#documentation": "<p>The product code for the instance. For more information, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i> .</p>"
            }
        },
        "LastUpdatedTime": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The time in which the last discovery updated the instance details.</p>"
            }
        },
        "SubscriptionName": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The name of the subscription being used by the instance.</p>"
            }
        }
    },
    "traits": {
        "smithy.api#documentation": "<p>Details discovered information about a running instance using Linux subscriptions.</p>"
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList": {
    "type": "list",
    "member": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Instance"
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException": {
    "type": "structure",
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    "members": {
        "message": {
            "target": "smithy.api#String"
        }
    },
    "traits": {
        "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
        "smithy.api#error": "server"
    }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#LicenseManagerLinuxSubscriptions": {
    "type": "service",
    "version": "2018-05-10",
    "operations": [
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            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings"
        },
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances"
        },
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions"
        },
        {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings"
        }
    ],

"traits": {
        "aws.api#service": {
            "sdkId": "License Manager Linux Subscriptions",
            "arnNamespace": "license-manager-linux-subscriptions",
            "cloudTrailEventSource": "license-manager-linux-subscriptions.amazonaws.com"
        },
        "aws.auth#sigv4": {
            "name": "license-manager-linux-subscriptions"
        },
        "aws.protocols#restJson1": {},
        "smithy.api#cors": {
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                "content-type",
                "x-amz-content-sha256",
                "x-amz-user-agent",
                "x-amzn-platform-id",
                "x-amzn-trace-id",
                "content-length",
                "x-api-key",
```

```
                "authorization",
                "x-amz-date",

  "x-amz-security-token",
                "Access-Control-Allow-Headers",
                "Access-Control-Allow-Methods",
                "Access-Control-Allow-Origin"
              ],
              "additionalExposedHeaders": [
                "x-amzn-errortype",
                "x-amzn-requestid",
                "x-amzn-trace-id"
              ]
            },
            "smithy.api#documentation": "<p>With License Manager, you can discover and track your commercial Linux subscriptions on running\n      Amazon EC2 instances.</p>",
            "smithy.api#title": "AWS License Manager Linux Subscriptions",
            "smithy.rules#endpointRuleSet": {
              "version": "1.0",
              "parameters": {
                "Region": {
                  "builtIn": "AWS::Region",
                  "required": false,
                  "documentation": "The
 AWS region used to dispatch the request.",
                  "type": "String"
                },
                "UseDualStack": {
                  "builtIn": "AWS::UseDualStack",
                  "required": true,
                  "default": false,
                  "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
                  "type": "Boolean"
                },
                "UseFIPS": {
                  "builtIn": "AWS::UseFIPS",
                  "required": true,
                  "default": false,
                  "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",

                 "type": "Boolean"
                },
                "Endpoint": {
                  "builtIn": "SDK::Endpoint",
                  "required": false,
                  "documentation": "Override the endpoint used to send this request",
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    {
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        {
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          "argv": [
            {
              "ref": "Endpoint"
            }
          ]
        }
      ],
      "type": "tree",
      "rules": [
        {

        "conditions": [
              {
                "fn": "booleanEquals",
                "argv": [
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                    "ref": "UseFIPS"
                  },
                  true
                ]
              }
            ],
            "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
            "type": "error"
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          {
            "conditions": [],
            "type": "tree",
            "rules": [
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              "conditions": [
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        {
                          "ref": "UseDualStack"
                        },
                        true
                      ]
```

```
                    }
                ],
                "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                "type": "error"
            },
            {
                "conditions": [],

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                        "ref": "Endpoint"
                    },
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
      }
    ]
  },
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    "rules": [
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        "conditions": [
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            "fn": "isSet",

"argv": [
                    {
                        "ref": "Region"
                    }
                ]
            }
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        "rules": [
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                "fn": "aws.partition",
                "argv": [
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                    "ref": "Region"
                  }
                ],
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                                                        "ref": "UseFIPS"
                                                    },
                                                    true
                                                ]
                                            },

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                                                        "ref": "UseDualStack"
                                                    },
                                                    true
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                                                "conditions": [
                                                    {

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                                                                "fn": "getAttr",
                                                                "argv": [
                                                                    {
                                                                        "ref": "PartitionResult"
                                                                    },
                                                                    "supportsFIPS"
                                                                ]

    }
                                                                        ]
```

```
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                {
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                  "argv": [
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                    {
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                      "argv": [
                        {
                          "ref": "PartitionResult"
                        },

                       "supportsDualStack"
                        ]
                    }
                  ]
                }
              ],
              "type": "tree",
              "rules": [
                {
                  "conditions": [],
                  "type": "tree",
                  "rules": [
                    {

            "conditions": [],
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                          "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                          "properties": {},
                          "headers": {}
                        },
                        "type": "endpoint"
                    }
                  ]
                }
              ]

          },
                {
                  "conditions": [],
                  "error": "FIPS and DualStack are enabled, but this partition does not support
one or both",
                  "type": "error"
                }
              ]
            },
```

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                  "conditions": [
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        {

            "ref": "UseFIPS"
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                      ]
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                    {
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                        {
                          "fn": "booleanEquals",
                          "argv": [
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    {
                              "fn": "getAttr",
                              "argv": [
                                {
                                  "ref": "PartitionResult"
                                },
                                "supportsFIPS"
                              ]
                            }
                          ]
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                        {
                          "conditions": [],
                          "type": "tree",
                          "rules": [
                            {
                              "conditions": [],
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fips.{Region}.{PartitionResult#dnsSuffix}",
                                "properties": {},
                                "headers": {}
```

```
                    },
                    "type": "endpoint"
                }
            ]
        }
    ]
},
{
    "conditions": [],
    "error": "FIPS is enabled but this partition does not support FIPS",
    "type": "error"
}
]

},
{
"conditions": [
    {
    "fn": "booleanEquals",
    "argv": [
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        "ref": "UseDualStack"
        },
        true
    ]
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    {

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        "argv": [
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            {
            "fn": "getAttr",
            "argv": [
                {
                "ref": "PartitionResult"
                },
                "supportsDualStack"
            ]
            }
        ]
        }
```

```
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                        "conditions": [],
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                            {
                                "conditions": [],

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subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                    "properties": {},
                                    "headers": {}
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                                "type": "endpoint"
                            }
                        ]
                    }
                ]
            },

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                "type": "error"
            }
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        "rules": [
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                "conditions": [],
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"https://license-manager-linux-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    }
  ]
}
```

```
                ]
              },
              {
                "conditions": [],
                "error": "Invalid Configuration: Missing Region",
                "type": "error"
              }
            ]
          }
        ]
      },
      "smithy.rules#endpointTests": {
        "testCases": [
          {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
            "expect": {

"endpoint": {
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              }
            },
            "params": {
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              "UseFIPS": true,
              "UseDualStack": false
            }
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            "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
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              }
            },
            "params": {
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      "Region": "us-east-1",
      "UseFIPS": false,
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  },
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    "expect": {
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    },
    "params": {
      "Region": "us-east-1",
      "UseFIPS": false,
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "endpoint": {

    "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
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      "UseFIPS": true,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
      }
    },
    "params": {
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      "UseFIPS": true,
       "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
    "expect": {
```

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            "endpoint": {
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          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
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          "expect": {
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              "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
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            }
          },
          "params": {
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            "UseFIPS": true,
            "UseDualStack": false
```

```
      }
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        }
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          "url": "https://license-manager-linux-subscriptions.us-gov-east-1.amazonaws.com"
        }
      },
      "params": {
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         "UseDualStack": false
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      "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
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      },
      "params": {
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        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
         }
      },
      "params": {
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            "Region": "us-iso-east-1",
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            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "error": "DualStack is enabled but this partition does not support DualStack"
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {

"documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions.us-iso-east-1.c2s.ic.gov"
            }
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
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          },
          "params": {

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            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
            }
```

```
      },
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        "UseFIPS": true,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS disabled
and DualStack enabled",
      "expect": {
        "error": "DualStack is enabled but this partition does not support DualStack"
      },
      "params": {
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        "UseFIPS": false,
        "UseDualStack": true
      }
    },
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      "expect": {
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          "url": "https://license-manager-linux-subscriptions.us-isob-east-1.sc2s.sgov.gov"
        }
      },
      "params": {
        "Region": "us-isob-east-1",

"UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {
```

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disabled",

            "expect": {
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                    "UseDualStack": false,
                    "Endpoint": "https://example.com"
                }
            },
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                "expect": {
                    "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
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                "params": {
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                    "UseFIPS": true,
                    "UseDualStack": false,

              "Endpoint": "https://example.com"
                }
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                "expect": {
                    "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
                },
                "params": {
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                    "UseFIPS": false,
                    "UseDualStack": true,
                    "Endpoint": "https://example.com"
                }
            },
            {
                "documentation": "Missing region",
                "expect": {
                    "error": "Invalid Configuration: Missing Region"
                }

        }
            ],
            "version": "1.0"
```

```
            }
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery": {
          "type": "string",
          "traits": {
            "smithy.api#enum": [
              {
                "name": "Enabled",
                "value": "Enabled",
                "documentation": "Enabled LinuxSubscriptionsDiscovery"
              },
              {
                "name": "Disabled",
                "value": "Disabled",
                "documentation": "Disabled LinuxSubscriptionsDiscovery"
              }
            ]
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings": {
          "type": "structure",
          "members": {
            "SourceRegions": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
               "traits": {
                "smithy.api#documentation": "<p>The Regions in which to discover data for Linux
subscriptions.</p>",
                "smithy.api#required": {}
              }
            },
            "OrganizationIntegration": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration",
              "traits": {
                "smithy.api#documentation": "<p>Details if you have enabled resource discovery across your
accounts in Organizations.</p>",
                "smithy.api#required": {}
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>Lists the settings defined for discovering Linux subscriptions.</p>"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances": {
          "type":
 "operation",
          "input": {
```

```
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Lists the running Amazon EC2 instances that were discovered with commercial Linux\n      subscriptions.</p>",
            "smithy.api#http": {

        "code": 200,
              "method": "POST",
              "uri": "/subscription/ListLinuxSubscriptionInstances"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
              "inputToken": "NextToken",
              "outputToken": "NextToken",
              "pageSize": "MaxResults",
              "items": "Instances"
            }
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest": {
          "type": "structure",
          "members": {
            "Filters": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
              "traits": {
                "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by
 the name of\n      <code>AmiID</code> with an optional operator to see subscriptions that match, partially\n      match, or don't match a certain Amazon Machine Image (AMI) ID.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n        <li>\n          <p>\n            <code>AmiID</code>\n          </p>\n        </li>\n        <li>\n          <p>\n            <code>InstanceID</code>\n          </p>\n        </li>\n        <li>\n          <p>\n            <code>AccountID</code>\n          </p>\n        </li>\n        <li>\n          <p>\n            <code>Status</code>\n          </p>\n        </li>\n        <li>\n          <p>\n
```

```
<code>Region</code>\n </p>\n </li>\n <li>\n <p>\n
<code>UsageOperation</code>\n </p>\n </li>\n <li>\n
<p>\n <code>ProductCode</code>\n </p>\n </li>\n <li>\n <p>\n
<code>InstanceType</code>\n </p>\n </li>\n </ul>\n <p>The valid Operators for this
filter are:</p>\n <ul>\n <li>\n <p>\n <code>contains</code>\n </p>\n
</li>\n <li>\n <p>\n <code>equals</code>\n </p>\n </li>\n <li>\n
<p>\n <code>Notequal</code>\n </p>\n </li>\n </ul>"
          }
        },
        "MaxResults": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
          "traits": {
            "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"

      }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>",
            "smithy.api#length": {
              "min": 1,
              "max": 16384
            }
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse": {
      "type": "structure",
      "members": {
        "Instances": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList",
          "traits": {
            "smithy.api#documentation":
 "<p>An array that contains instance objects.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
```

```
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the Linux subscriptions that have been discovered. If you have linked your\n      organization, the returned results will include data aggregated across your accounts in\n Organizations.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/subscription/ListLinuxSubscriptions"
          },
          "smithy.api#idempotent": {},
          "smithy.api#paginated": {
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "Subscriptions"
          }

        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest": {
        "type": "structure",
        "members": {
          "Filters": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n
```

<code>Subscription</code> with an optional operator to see subscriptions that match,\n partially match, or don't match a certain subscription's name. \n The valid names for this filter are: \n \n \n \n <code>Subscription</code>\n \n \n \n The valid Operators for this filter are: \n \n \n \n <code>contains</code>\n \n \n \n \n <code>equals</code>\n \n \n \n \n <code>Notequal</code>\n \n \n "
}
},
"MaxResults": {
"target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
"traits": {
"smithy.api#documentation": " Maximum number of results to return in a single call. "
}
},
"NextToken": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " Token for the next set of results. ",
"smithy.api#length": {

"min": 1,
"max": 16384
}
}
}
},
"traits": {
"smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if parameters in request increases."
}
},
"com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse": {
"type": "structure",
"members": {
"Subscriptions": {
"target": "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList",
"traits": {
"smithy.api#documentation": " An array that contains subscription objects. "
}
},
"NextToken": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " Token for
the next set of results. "
}
}

```
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Operator": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [
            {
              "name": "EQUAL",
              "value": "Equal",
              "documentation": "Equal operator"
            },
            {
              "name": "NOT_EQUAL",
              "value": "NotEqual",
              "documentation": "Not equal operator"
            },
            {
              "name": "CONTAINS",
              "value": "Contains",
              "documentation": "Contains operator"
            }
          ],
          "smithy.api#length": {
            "min": 1,
            "max": 20
          }
        }
      },

    "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [
            {
              "name": "Enabled",
              "value": "Enabled",
              "documentation": "Enabled OrganizationIntegration"
            },
            {
              "name": "Disabled",
              "value": "Disabled",
              "documentation": "Disabled OrganizationIntegration"
            }
          ]
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList": {
        "type": "list",
```

```
        "member": {
            "target": "smithy.api#String"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Status": {
        "type": "string",
        "traits": {
            "smithy.api#enum": [

    {
                    "name": "InProgress",
                    "value": "InProgress",
                    "documentation": "InProgress status"
                },
                {
                    "name": "Completed",
                    "value": "Completed",
                    "documentation": "Completed status"
                },
                {
                    "name": "Successful",
                    "value": "Successful",
                    "documentation": "Successful status"
                },
                {
                    "name": "Failed",
                    "value": "Failed",
                    "documentation": "Failed status"
                }
            ]
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#StringList": {
        "type": "list",
        "member": {
            "target": "smithy.api#String",
            "traits":
{
                "smithy.api#length": {
                    "min": 1,
                    "max": 100
                }
            }
        },
        "traits": {
            "smithy.api#length": {
                "min": 1,
                "max": 100
```

```
            },
            "smithy.api#uniqueItems": {}
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap": {
        "type": "map",
        "key": {
            "target": "smithy.api#String"
        },
        "value": {
            "target": "smithy.api#String"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription": {
        "type": "structure",
        "members": {
            "Name": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the subscription.</p>"

        }
            },
            "Type": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The type of subscription. The type can be subscription-included with Amazon EC2, Bring Your Own\n      Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain subscriptions may use licensing from the\n      Amazon Web Services Marketplace as well as OS licensing from Amazon EC2 or BYOS.</p>"
                }
            },
            "InstanceCount": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong",
                "traits": {
                    "smithy.api#documentation": "<p>The total amount of running instances using this subscription.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>An object which details a discovered Linux subscription.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription"
```

```
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request was denied due to request throttling.</p>",
          "smithy.api#error": "client"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest"
        },

      "output": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Updates the service settings for Linux subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/subscription/UpdateServiceSettings"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest":
{
        "type": "structure",
        "members": {
```

```
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
                    "smithy.api#required": {}
                }
            },
            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>",

  "smithy.api#required": {}
                }
            },
            "AllowUpdate": {
                "target": "smithy.api#Boolean",
                "traits": {
                    "smithy.api#documentation": "<p>Describes if updates are allowed to the service settings for Linux
subscriptions. If you\n      allow updates, you can aggregate Linux subscription data in more than one home
Region.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse": {
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },

          "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
```

```
                "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation":
 "<p>A message which details the Linux subscriptions service settings current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays the aggregated
data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The provided input is not valid. Try your request again.</p>",
            "smithy.api#error": "client"
        }
    }
  }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

```
// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
  params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //   - Beneficiary
 //   - ProductSKU
 //   - Fingerprint
 //
   - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string
```

```
// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
 return err
}
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{}, middleware.After)
if err != nil {
 return err
}
if
err := addProtocolFinalizerMiddlewares(stack, options, "ListLicenses"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
```

```
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:
    ServiceID,
  OperationName: "ListLicenses",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana
```

```
import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
  params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 //
 This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
```

```
//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack,
 options, "DisassociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
```

```
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata
```

```
 {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "DisassociateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
  params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
 CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType
```

```
// Unique, case-sensitive identifier that you provide to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource
Name (ARN) of the checkout license.
LicenseArn *string
```

```
// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil
 {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
```

```
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack);
 err != nil {
  return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
```

```
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
  params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier
 that you provide to ensure the idempotency of
 // the request.
 //
```

```
// This member is required.
ClientToken *string

// Digital signature method. The possible value is JSON Web Signature (JWS)
// algorithm PS384. For more information, see RFC 7518 Digital Signature with
// RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
//
// This member is required.
DigitalSignatureMethod types.DigitalSignatureMethod

// License entitlements. Partial checkouts are not supported.
//
// This member is required.
Entitlements []types.EntitlementData

// Amazon Resource Name (ARN) of the license. The license must use the borrow
// consumption configuration.
//
// This member is required.
LicenseArn *string

// Information about constraints.
CheckoutMetadata []types.Metadata

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

// Information about constraints.
CheckoutMetadata []types.Metadata

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string
```

```
 // License consumption token.
 LicenseConsumptionToken *string

 // Node ID.
 NodeId *string

 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return
 err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutBorrowLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
```

```
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return
 err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
```

```
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "CheckoutBorrowLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
  params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string
```

```
// Unique, case-sensitive identifier that you provide
to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// Configuration for consumption of the license. Choose a provisional
// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
```

```
 Validity
 *types.DatetimeRange

 // Information about the license.
 LicenseMetadata []types.Metadata

 noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CreateLicense"); err != nil {
  return fmt.Errorf("add
 protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
```

```
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
```

```
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName:
 "CreateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
  params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*GetLicenseOutput)
```

```
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "GetLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
```

```
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return
 err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpGetLicenseValidationMiddleware(stack);
 err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
```

```
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "GetLicense",
 }
}
```

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SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

```
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OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
  params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
   - ProductSKU
 //   - Status
 //   - Fingerprint
 //   - IssuerName
 //   - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string
```

```
 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{},
 middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "ListReceivedLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
```

```
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "ListReceivedLicenses",
 }
}
```

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"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but

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```
{
  "smithy": "2.0",
  "shapes": {
    "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>You don't have sufficient access to perform this action.</p>",
        "smithy.api#error": "client"
      }
    },
```

```
    "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider": {
      "type": "structure",
      "members": {
        "DirectoryId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The directory ID for an Active Directory identity provider.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation":
"<p>Details about an Active Directory identity provider.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUser": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
         },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Associates the user to an EC2 instance to utilize user-based
```

```
subscriptions.</p>\n        <note>\n            <p>Your estimated bill for charges on the number of users and related costs will take 48\n        hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing. For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n        monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n        </note>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/AssociateUser"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "InstanceId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of the
EC2 instance, which provides user-based subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>The identity provider of the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse": {
        "type": "structure",
```

```
      "members": {
        "InstanceUserSummary": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
          "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
            "smithy.api#required": {}
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#BoxInteger": {
      "type": "integer"
    },
    "com.amazonaws.licensemanagerusersubscriptions#ConflictException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The request couldn't be completed because it conflicted with the current
state of the\n      resource.</p>",
        "smithy.api#error": "server"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider":
{
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Deregisters the identity provider from providing user-based subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/DeregisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
            "IdentityProviderSummary": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
                "traits": {
                    "smithy.api#documentation":
```

```
"<p>Metadata that describes the results of an identity provider operation.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Disassociates the user from an EC2 instance providing user-based
subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/DisassociateUser"
            },
            "smithy.api#idempotent": {}
        }
```

```
},
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest": {
      "type": "structure",
      "members": {
        "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
            "smithy.api#required": {}
          }
        },
        "InstanceId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
            "smithy.api#required": {}
          }
        },
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation":
"<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }
        },
        "Domain": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The domain name of the user.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse": {
      "type": "structure",
      "members": {
        "InstanceUserSummary": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
          "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
            "smithy.api#required": {}
          }
        }
      }
    },
```

```
"com.amazonaws.licensemanagerusersubscriptions#Filter": {
        "type": "structure",
        "members": {
          "Attribute": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of an attribute to use as a filter.</p>"
            }
          },
          "Operation": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The type of search (For example, eq, geq, leq)</p>"
            }
          },
          "Value": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Value of the filter.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>A filter name and value pair that is used
 to return more specific results from a describe\n      operation. Filters can be used to match a set of resources by
specific criteria, such as tags,\n      attributes, or IDs.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#FilterList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Filter"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider": {
        "type": "union",
        "members": {
          "ActiveDirectoryIdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that details an Active Directory identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
 "<p>Details about an identity provider.</p>"
        }
```

```
    },
    "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary": {
      "type": "structure",
      "members": {
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }
        },
        "Settings": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
          "traits": {
            "smithy.api#documentation": "<p>An object that details the registered identity providers product related configuration\n      settings such as the subnets to provision VPC endpoints.</p>",
            "smithy.api#required": {}
          }
        },
        "Product": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
            "smithy.api#required": {}
          }
        },
        "Status": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status of an identity provider.</p>",
            "smithy.api#required": {}
          }
        },
        "FailureMessage": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The failure message associated with an identity provider.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>Describes an identity provider.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList": {
      "type": "list",
```

```
        "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary": {
        "type": "structure",
        "members": {
            "InstanceId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status
 of an EC2 instance resource.</p>",
                    "smithy.api#required": {}
                }
            },
            "Products": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>A list of provided user-based subscription products.</p>",
                    "smithy.api#required": {}
                }
            },
            "LastStatusCheckDate": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The date of the last status check.</p>"
                }
            },
            "StatusMessage": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status message for an EC2 instance.</p>"
                }

    }
        },
        "traits": {
            "smithy.api#documentation": "<p>Describes an EC2 instance providing user-based subscriptions.</p>"
        }
    },
```

```
    "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary": {
      "type": "structure",
      "members": {
        "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
            "smithy.api#required": {}
          }
        },
        "InstanceId": {
          "target": "smithy.api#String",
          "traits":
{
            "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
            "smithy.api#required": {}
          }
        },
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }
        },
        "Status": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status of a user associated with an EC2 instance.</p>",
            "smithy.api#required": {}
          }
        },
        "StatusMessage": {
          "target": "smithy.api#String",
           "traits": {
            "smithy.api#documentation": "<p>The status message for users of an EC2 instance.</p>"
          }
        },
        "Domain": {
          "target": "smithy.api#String",
          "traits": {
```

```
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            },
            "AssociationDate": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The date a user was associated with an EC2 instance.</p>"
              }
            },
            "DisassociationDate": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The date a user was disassociated from an EC2 instance.</p>"
              }
            }

  },
        "traits": {
          "smithy.api#documentation": "<p>Describes users of an EC2 instance providing user-based
subscriptions.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InternalServerException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
          "smithy.api#error": "server"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#LicenseManagerUserSubscriptions": {
        "type": "service",

       "version": "2018-05-10",
        "operations": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUser"
          },
```

```
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstances"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations"

},
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings"
            }
          ],
          "traits": {
            "aws.api#service": {
              "sdkId": "License Manager User Subscriptions",
              "arnNamespace": "license-manager-user-subscriptions",
              "cloudTrailEventSource": "license-manager-user-subscriptions.amazonaws.com"
            },
            "aws.auth#sigv4": {
              "name": "license-manager-user-subscriptions"
             },
            "aws.protocols#restJson1": {},
            "smithy.api#cors": {
              "additionalAllowedHeaders": [
                "*",
                "content-type",
                "x-amz-content-sha256",
                "x-amz-user-agent",
```

```
            "x-amzn-platform-id",
            "x-amzn-trace-id",
            "content-length",
            "x-api-key",
            "authorization",
            "x-amz-date",
            "x-amz-security-token",
            "Access-Control-Allow-Headers",
            "Access-Control-Allow-Methods",
            "Access-Control-Allow-Origin"
          ],
          "additionalExposedHeaders": [
            "x-amzn-errortype",
            "x-amzn-requestid",
            "x-amzn-trace-id"

 ]
        },
        "smithy.api#documentation": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with\n      a per user subscription fee on Amazon EC2 instances.</p>",
        "smithy.api#title": "AWS License Manager User Subscriptions",
        "smithy.rules#endpointRuleSet": {
          "version": "1.0",
          "parameters": {
            "Region": {
              "builtIn": "AWS::Region",
              "required": false,
              "documentation": "The AWS region used to dispatch the request.",
              "type": "String"
            },
            "UseDualStack": {
              "builtIn": "AWS::UseDualStack",
              "required": true,
              "default": false,
              "documentation": "When true, use the dual-stack
 endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
              "type": "Boolean"
            },
            "UseFIPS": {
              "builtIn": "AWS::UseFIPS",
              "required": true,
              "default": false,
              "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
              "type": "Boolean"
            },
            "Endpoint": {
              "builtIn": "SDK::Endpoint",
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            "required": false,
            "documentation": "Override the endpoint used to send this request",
            "type": "String"
          }

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      "rules": [
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              "fn": "isSet",
              "argv": [
                {
                  "ref": "Endpoint"
                }
              ]
            }
          ],
          "type": "tree",
          "rules": [
            {
              "conditions": [
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseFIPS"
                    },

                    true
                  ]
                }
              ],
              "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
              "type": "error"
            },
            {
              "conditions": [
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseDualStack"
                    },
                    true
                  ]
                }
              ],
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    "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                "type": "error"
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            {
                "conditions": [],
                "endpoint": {
                    "url": {
                        "ref": "Endpoint"
                    },
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    },
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                "fn": "isSet",
                "argv": [

  {
                        "ref": "Region"
                    }
                ]
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        ],
        "type": "tree",
        "rules": [
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                        "argv": [
                            {
                                "ref": "Region"
                            }
                        ],
                        "assign": "PartitionResult"
                    }
                ],
                "type": "tree",

"rules": [
                    {
                        "conditions": [
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                {
                  "fn": "booleanEquals",
                  "argv": [
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                      "ref": "UseFIPS"
                    },
                    true
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                },
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseDualStack"

                    },
                    true
                  ]
                }
              ],
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                    {
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                      "argv": [
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                        {
                          "fn": "getAttr",

"argv": [
                            {
                              "ref": "PartitionResult"
                            },
                            "supportsFIPS"
                          ]
                        }
                      ]
                    },
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        true,
                        {

            "fn": "getAttr",
                            "argv": [
```

```
                                    {
                                        "ref": "PartitionResult"
                                    },
                                    "supportsDualStack"
                                ]
                            }
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
                    {

            "conditions": [],
                                "endpoint": {
                                    "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                    "properties": {},
                                    "headers": {}
                                },
                                "type": "endpoint"
                            }
                        ]
                    },
                    {
                        "conditions": [],
                        "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
                         "type": "error"
                    }
                ]
            },
            {
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
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                            },
                            true
                        ]
                    }
                ],
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                    "argv": [
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                      {
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                        "argv": [
                          {
                            "ref": "PartitionResult"
                          },
                          "supportsFIPS"

                    ]
                      }
                    ]
                  }
                ],
                "type": "tree",
                "rules": [
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                    "conditions": [],
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                      "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                      "properties": {},
                      "headers": {}

        },
                    "type": "endpoint"
                  }
                ]
              },
              {
                "conditions": [],
                "error": "FIPS is enabled but this partition does not support FIPS",
                "type": "error"
              }
            ]
          },
          {
            "conditions": [
              {
                "fn": "booleanEquals",
                "argv": [
                  {
                    "ref": "UseDualStack"
                  },
```

```
                    true
                ]
            }
        ],
        "type": "tree",
        "rules": [
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                "conditions": [
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                        "argv": [
                            true,
                            {

                                "fn": "getAttr",
                                    "argv": [
                                        {
                                            "ref": "PartitionResult"
                                        },
                                        "supportsDualStack"
                                    ]
                                }
                            ]
                        }
                    ],
                    "type": "tree",
                    "rules": [
                        {

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subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                "properties": {},
                                "headers": {}
                            },
                            "type": "endpoint"
                        }
                    ]
                },
                {
                    "conditions": [],
                    "error": "DualStack is enabled but this partition does
not support DualStack",
                    "type": "error"
                }
            ]
        },
```

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                        {
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subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                                "properties": {},
                                "headers": {}
                            },
                            "type": "endpoint"
                        }
                    ]
                }
            ]
        },
        {
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[],
            "error": "Invalid Configuration: Missing Region",
            "type": "error"
        }
    ]
},
"smithy.rules#endpointTests": {
    "testCases": [
        {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-east-1.api.aws"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": true
            }
        },
        {
            "documentation":
"For region us-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-east-1.amazonaws.com"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
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            "UseDualStack": false
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        },
        {
          "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-east-1.api.aws"
            }
          },

        "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-east-1.amazonaws.com"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region cn-north-1 with
 FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.cn-north-
1.api.amazonwebservices.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
          "expect": {
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```
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.cn-north-1.amazonaws.com.cn"
                }
            },

        "params": {
                "Region": "cn-north-1",
                "UseFIPS": true,
                "UseDualStack": false
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            "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
                }
            },
            "params": {
                "Region": "cn-north-1",
                "UseFIPS": false,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region cn-north-1
with FIPS disabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions.cn-north-1.amazonaws.com.cn"
                }
            },
            "params": {
                "Region": "cn-north-1",
                "UseFIPS": false,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.api.aws"
                }
            },

        "params": {
                "Region": "us-gov-east-1",
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                "UseFIPS": true,
                "UseDualStack": true
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        },
        {
            "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.amazonaws.com"
                }
            },
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                "UseFIPS": true,
                "UseDualStack": false
            }
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        {
            "documentation": "For region us-gov-east-1
with FIPS disabled and DualStack enabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-gov-east-1.api.aws"
                }
            },
            "params": {
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                "UseFIPS": false,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-gov-east-1.amazonaws.com"
                }
            },

    "params": {
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                "UseFIPS": false,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
```

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            "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
          "expect":
{
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
            }
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "error": "DualStack is enabled but this partition does not support DualStack"
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": false,
            "UseDualStack":
true
          }
        },
        {
          "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-iso-east-1.c2s.ic.gov"
            }
          },
          "params": {
            "Region": "us-iso-east-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
```

```
                "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
                "expect": {
                    "error": "FIPS and DualStack are enabled, but
this partition does not support one or both"
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                "params": {
                    "Region": "us-isob-east-1",
                    "UseFIPS": true,
                    "UseDualStack": true
                }
            },
            {
                "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
                "expect": {
                    "endpoint": {
                        "url": "https://license-manager-user-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
                    }
                },
                "params": {
                    "Region": "us-isob-east-1",
                    "UseFIPS": true,
                    "UseDualStack": false
                }

        },
            {
                "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
                "expect": {
                    "error": "DualStack is enabled but this partition does not support DualStack"
                },
                "params": {
                    "Region": "us-isob-east-1",
                    "UseFIPS": false,
                    "UseDualStack": true
                }
            },
            {
                "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
                "expect": {
                    "endpoint": {
                        "url": "https://license-manager-user-subscriptions.us-isob-east-1.sc2s.sgov.gov"
                    }
                },
                 "params": {
                    "Region": "us-isob-east-1",
                    "UseFIPS": false,
                    "UseDualStack": false
                }
```

```
    },
    {
      "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {

"documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {
      "documentation": "For custom endpoint with fips enabled and dualstack disabled",
      "expect": {
        "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
      },
      "params": {
        "Region": "us-east-1",
         "UseFIPS": true,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {
      "documentation": "For custom endpoint with fips disabled and dualstack enabled",
      "expect": {
        "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
      },
      "params": {
        "Region": "us-east-1",
```

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                "UseFIPS": false,
                "UseDualStack": true,
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "Missing region",
              "expect": {
                "error": "Invalid Configuration: Missing Region"
              }
            }
          ],
          "version": "1.0"
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
      ],
      "traits": {
```

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            "smithy.api#documentation": "<p>Lists the identity providers for user-based subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/ListIdentityProviders"
            },
            "smithy.api#paginated":
{
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "IdentityProviderSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest": {
        "type": "structure",
        "members": {
            "MaxResults": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
                "traits": {
                    "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
                }
            },
            "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse":
{
        "type": "structure",
        "members": {
            "IdentityProviderSummaries": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList",
                "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the list identity providers operation.</p>",
                    "smithy.api#required": {}
                }
            },
            "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
                }
```

```
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListInstances": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
        "smithy.api#http": {
          "code": 200,
          "method": "POST",
          "uri": "/instance/ListInstances"
        },
        "smithy.api#paginated": {
          "inputToken": "NextToken",
          "outputToken": "NextToken",
          "pageSize": "MaxResults",
          "items": "InstanceSummaries"
        }
      }
```

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    },
    "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest": {
      "type": "structure",
      "members": {
        "MaxResults": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
           "traits": {
            "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        },
        "Filters": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
          "traits": {
            "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse": {
      "type":
"structure",
      "members": {
        "InstanceSummaries": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList",
          "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the list instances operation.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest"
      },
```

```
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the user-based subscription products available from an identity provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListProductSubscriptions"
            },
            "smithy.api#paginated": {
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "ProductUserSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest": {
        "type": "structure",
        "members": {
            "Product": {
                "target": "smithy.api#String",
                "traits": {
```

```
                "smithy.api#documentation": "<p>The name
 of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required": {}
              }
            },
            "MaxResults": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
              "traits": {
                "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
              }
            },
            "Filters": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
              "traits": {

  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match
 one or\n      more sets of key-value pairs that you specify.</p>"
              }
            },
            "NextToken": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse": {
          "type": "structure",
          "members": {
            "ProductUserSummaries": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList",
              "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the list product subscriptions
 operation.</p>"
              }
            },

         "NextToken": {
              "target": "smithy.api#String",
              "traits": {
```

```
                "smithy.api#documentation": "<p>Token for the next set of results.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target":
"com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Lists user associations for an identity provider.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/ListUserAssociations"
            },
            "smithy.api#paginated":
{
              "inputToken": "NextToken",
              "outputToken": "NextToken",
```

```
            "pageSize": "MaxResults",
            "items": "InstanceUserSummaries"
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest": {
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse": {
        "type": "structure",
```

```
    "members": {
      "InstanceUserSummaries": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList",
        "traits": {
          "smithy.api#documentation": "<p>Metadata that describes the list user association operation.</p>"
        }
      },
      "NextToken": {
        "target": "smithy.api#String",
        "traits": {
          "smithy.api#documentation": "<p>Token for the next set of results.</p>"
        }
      }
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary": {
    "type": "structure",
    "members": {

    "Username": {
        "target": "smithy.api#String",
        "traits": {
          "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
          "smithy.api#required": {}
        }
      },
      "Product": {
        "target": "smithy.api#String",
        "traits": {
          "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
          "smithy.api#required": {}
        }
      },
      "IdentityProvider": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
        "traits": {
          "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
          "smithy.api#required": {}
        }

},
      "Status": {
        "target": "smithy.api#String",
        "traits": {
          "smithy.api#documentation": "<p>The status of a product for a user.</p>",
          "smithy.api#required": {}
        }
      },
```

```
            "StatusMessage": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The status message for a product for a user.</p>"
              }
            },
            "Domain": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            },
            "SubscriptionStartDate": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The
start date of a subscription.</p>"
              }
            },
            "SubscriptionEndDate": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The end date of a subscription.</p>"
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>The summary of the user-based subscription products for a user.</p>"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList": {
          "type": "list",
          "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest"
           },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
```

```
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Registers an identity provider for user-based subscriptions.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/identity-provider/RegisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest": {
          "type": "structure",
          "members": {
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity
provider.</p>",
                "smithy.api#required": {}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "Settings": {
```

```
                "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
                "traits": {
                    "smithy.api#documentation": "<p>The registered identity providers product related configuration settings such as the\n      subnets to provision VPC endpoints.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
            "IdentityProviderSummary":
{
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
                "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the results of an identity provider operation.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The resource couldn't be found.</p>",
            "smithy.api#error": "client",
            "smithy.api#httpError": 404
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup": {
        "type": "string",

  "traits": {
            "smithy.api#length": {
                "min": 5,
                "max": 200
            },
            "smithy.api#pattern": "^sg-(([0-9a-z]{8})|([0-9a-z]{17}))$"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException": {
        "type": "structure",
```

```
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The request failed because a service quota is exceeded.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Settings": {
      "type": "structure",
      "members": {
        "Subnets": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
          "traits": {
            "smithy.api#documentation":
"<p>The subnets defined for the registered identity provider.</p>",
            "smithy.api#length": {
              "min": 1
            },
            "smithy.api#required": {}
          }
        },
        "SecurityGroupId": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
          "traits": {
            "smithy.api#documentation": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in\n      your VPC and the VPC endpoint for activation servers.</p>",
            "smithy.api#required": {}
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The registered identity providers product related configuration settings
such as the\n      subnets to provision VPC endpoints, and the security group ID that
 is associated with the VPC\n      endpoints. The security group should permit inbound TCP port 1688
communication from resources\n      in the VPC.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse"
      },
```

```
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Starts a product subscription for a user with the specified identity provider.</p>\n         <note>\n            <p>Your estimated bill for charges on the number of users and related costs will take 48\n         hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing.
 For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n         monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n         </note>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/StartProductSubscription"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
                    "smithy.api#required": {}
                }
            },
```

```
            "IdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                  "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                  "smithy.api#required": {}
               }
            },
            "Product": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                  "smithy.api#required": {}
               }
            },
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse": {
         "type": "structure",
          "members": {
            "ProductUserSummary": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
               "traits": {
                  "smithy.api#documentation": "<p>Metadata that describes the start product subscription
operation.</p>",
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription": {
         "type": "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest"
         },
         "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse"
         },
         "errors": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
```

```
    },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Stops a product subscription for a user with the specified identity
provider.</p>",
             "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/StopProductSubscription"
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required":
{}
              }
            },
```

```
        "Product": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
            "smithy.api#required": {}
          }
        },
        "Domain": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The domain name of the user.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse": {
      "type": "structure",
      "members": {
        "ProductUserSummary": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
          "traits": {
            "smithy.api#documentation":
"<p>Metadata that describes the start product subscription operation.</p>",
            "smithy.api#required": {}
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StringList": {
      "type": "list",
      "member": {
        "target": "smithy.api#String"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Subnet": {
      "type": "string",
      "traits": {
        "smithy.api#pattern": "subnet-[a-z0-9]{8,17}"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Subnets": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#Subnet"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException": {
      "type": "structure",
```

```
        "members": {
          "message": {

            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request was denied because of request throttling. Retry the
request.</p>",
          "smithy.api#error": "client"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Updates additional product configuration settings for the registered
identity\n      provider.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/UpdateIdentityProviderSettings"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest": {
        "type": "structure",
        "members": {
```

```
            "IdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                  "smithy.api#required": {}
               }
            },
            "Product": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                  "smithy.api#required": {}
               }
            },
            "UpdateSettings": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings",
               "traits": {
                  "smithy.api#documentation": "<p>Updates the registered identity providers product related
configuration settings. You can\n      update any combination of settings in a single operation such as the:</p>\n
<ul>\n          <li>\n              <p>Subnets which you want to add to provision VPC endpoints.</p>\n          </li>\n
          <li>\n              <p>Subnets which you want to remove the VPC endpoints from.</p>\n          </li>\n
<li>\n              <p>Security group ID which permits traffic to the VPC endpoints.</p>\n          </li>\n        </ul>",
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse": {
         "type": "structure",
         "members": {
            "IdentityProviderSummary": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
               "traits": {
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings": {
         "type": "structure",
         "members": {
            "AddSubnets": {

          "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
               "traits": {
                  "smithy.api#documentation": "<p>The ID of one or more subnets in which License Manager will
create a VPC endpoint for products that\n      require connectivity to activation servers.</p>",
                  "smithy.api#required": {}
               }
```

```
            },
            "RemoveSubnets": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
               "traits": {
                  "smithy.api#documentation": "<p>The ID of one or more subnets to remove.</p>",
                  "smithy.api#required": {}
               }
            },
            "SecurityGroupId": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
               "traits": {
                  "smithy.api#documentation": "<p>A security group ID
 that allows inbound TCP port 1688 communication between resources in\n      your VPC and the VPC endpoints for
activation servers.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration
settings such as\n      the subnets to provision VPC endpoints.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ValidationException": {
         "type": "structure",
         "members": {
            "message": {
               "target": "smithy.api#String"
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>A parameter is not valid.</p>",
            "smithy.api#error": "client"
         }
      }
   }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
```

```
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
  params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version
 of the license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
```

```
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "DeleteLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack,
 options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
```

```
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if
 err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "DeleteLicense",
 }
}
```

1.250 rich 12.6.0

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1.251 spring-jdbc 5.2.24.RELEASE

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* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/init/DatabasePopulator.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/lob/LobHandler.java

*
/spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/PreparedStatementSetter.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/init/CompositeDatabasePopulator.java
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* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/init/ScriptStatementFailedException.java
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* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/SqlProvider.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/metadata/CallParameterMetaData.java
*
 /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/DatabaseMetaDataCallback.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/JdbcUtils.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/metadata/CallMetaDataContext.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/embedded/AbstractEmbeddedDatabaseConfigurer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/SimpleDriverDataSource.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/SingleConnectionDataSource.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/embedded/DataSourceFactory.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/namedparam/SqlParameterSourceUtils.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/SQLErrorCodeSQLExceptionTranslator.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/SingleColumnRowMapper.java
*
 /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/namedparam/ParsedSql.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/PreparedStatementCreatorFactory.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/SQLErrorCodesFactory.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/metadata/CallMetaDataProviderFactory.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/DriverManagerDataSource.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/StatementCreatorUtils.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/JdbcTemplate.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/lookup/AbstractRoutingDataSource.java
* /spring-jdbc-5-2-24-release-sources-

jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcTemplate.java
*
/spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/init/DatabasePopulatorUtils.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/DataSourceTransactionManager.java
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jar/org/springframework/jdbc/support/incrementer/AbstractSequenceMaxValueIncrementer.java

* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/MetaDataAccessException.java
*
/spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/xml/XmlBinaryStreamProvider.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/SqlValue.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/xml/XmlCharacterStreamProvider.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/SQLWarningException.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/InterruptibleBatchPreparedStatementSetter.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/xml/XmlResultProvider.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/embedded/SimpleDriverDataSourceFactory.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/object/GenericStoredProcedure.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/lookup/SingleDataSourceLookup.java
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/spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/xml/SqlXmlFeatureNotImplementedException.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/lookup/JndiDataSourceLookup.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/lookup/DataSourceLookupFailureException.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/BatchPreparedStatementSetter.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
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* by Rod Johnson (Wrox, 2002).
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```

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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-5-2-24-release-sources-jar/org/springframework/jdbc/object/SqlCall.java
*
 /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/AbstractFallbackSQLExceptionTranslator.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/AbstractDataSource.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/LobRetrievalFailureException.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/namedparam/NamedParameterBatchUpdateUtils.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/embedded/H2EmbeddedDatabaseConfigurer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/lookup/MapDataSourceLookup.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/ResultSetSupportingSqlParameter.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/UserCredentialsDataSourceAdapter.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/lookup/IsolationLevelDataSourceRouter.java
*
 /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/StatementCallback.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/PreparedStatementCreator.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseType.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/namedparam/EmptySqlParameterSource.java
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* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/CustomSQLExceptionTranslatorRegistrar.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/incrementer/PostgresSequenceMaxValueIncrementer.java
*
 /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/support/AbstractSqlTypeValue.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/metadata/HsqlTableMetaDataProvider.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/BadSqlGrammarException.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/object/SqlQuery.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/support/AbstractInterruptibleBatchPreparedStatementSetter.java
* /spring-jdbc-5-2-24-release-sources-

jar/org/springframework/jdbc/support/incrementer/HsqlSequenceMaxValueIncrementer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/CannotGetJdbcConnectionException.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/embedded/DerbyEmbeddedDatabaseConfigurer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/UncategorizedSQLException.java
*
/spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/GeneratedKeyHolder.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/InvalidResultSetAccessException.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/object/StoredProcedure.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/incrementer/OracleSequenceMaxValueIncrementer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcInsertOperations.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/incrementer/SybaseMaxValueIncrementer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/DatabaseStartupValidator.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/SqlReturnUpdateCount.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/WebSphereDataSourceAdapter.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/incrementer/AbstractDataFieldMaxValueIncrementer.java
*
/spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/ConnectionHolder.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/incrementer/SybaseAnywhereMaxValueIncrementer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcCall.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/metadata/TableParameterMetaData.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/incrementer/HanaSequenceMaxValueIncrementer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/DataSourceUtils.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/support/JdbcDaoSupport.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/ArgumentPreparedStatementSetter.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/metadata/PostgresTableMetaDataProvider.java
*
/spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/incrementer/AbstractColumnMaxValueIncrementer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/metadata/CallMetaDataProvider.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/SqlInOutParameter.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/config/SortedResourcesFactoryBean.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcCallOperations.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/metadata/OracleTableMetaDataProvider.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/SimpleConnectionHandle.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/IncorrectResultSetColumnCountException.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/metadata/DerbyCallMetaDataProvider.java
*
/spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/rowset/ResultSetWrappingSqlRowSetMetaData.java

* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/incrementer/AbstractIdentityColumnMaxValueIncrementer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/SqlOutParameter.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/xml/SqlXmlHandler.java
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* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/config/DatabasePopulatorConfigUtils.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/IsolationLevelDataSourceAdapter.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/object/SqlOperation.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/CallableStatementCallback.java
*
 /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/support/JdbcBeanDefinitionReader.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/datasource/embedded/HsqlEmbeddedDatabaseConfigurer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/SqlReturnResultSet.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/incrementer/MySQLMaxValueIncrementer.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/SQLErrorCodes.java
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* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/object/MappingSqlQuery.java
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* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/SqlTypeValue.java
*
 /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/object/MappingSqlQueryWithParameters.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/incrementer/Db2MainframeMaxValueIncrementer.java
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jar/org/springframework/jdbc/core/ParameterizedPreparedStatementSetter.java
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/spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/object/SqlUpdate.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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* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/support/CustomSQLExceptionTranslatorRegistry.java
*
 /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/namedparam/BeanPropertySqlParameterSource.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/object/SqlFunction.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/namedparam/MapSqlParameterSource.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/TransactionAwareDataSourceProxy.java
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jar/org/springframework/jdbc/support/rowset/ResultSetWrappingSqlRowSet.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/support/rowset/SqlRowSet.java
* /spring-jdbc-5-2-24-release-sources-jar/org/springframework/jdbc/core/simple/AbstractJdbcInsert.java
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* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/namedparam/AbstractSqlParameterSource.java
*
 /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/LazyConnectionDataSourceProxy.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/datasource/init/ResourceDatabasePopulator.java
* /spring-jdbc-5-2-24-release-sources-
jar/org/springframework/jdbc/core/support/AbstractLobStreamingResultSetExtractor.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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* /netty-transport-native-unix-common-4-1-51-final-sources-jar/netty_unix_socket.c
*
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1.257 go-md2man 2.0.5

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1.258 jctools-core 3.0.0

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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">
 <modelVersion>4.0.0</modelVersion>

 <artifactId>jctools-core</artifactId>
 <groupId>org.jctools</groupId>
 <version>3.0.0</version>
 <name>Java Concurrency Tools Core Library</name>
 <description>Java Concurrency Tools Core Library</description>
 <packaging>bundle</packaging>

 <dependencies>
  <dependency>
   <groupId>org.hamcrest</groupId>
   <artifactId>hamcrest-all</artifactId>
   <version>${hamcrest.version}</version>
   <scope>test</scope>
  </dependency>

  <dependency>
   <groupId>junit</groupId>
   <artifactId>junit</artifactId>
   <version>${junit.version}</version>
   <scope>test</scope>
  </dependency>

  <dependency>
   <groupId>com.google.guava</groupId>
   <artifactId>guava-testlib</artifactId>
   <version>${guava-testlib.version}</version>
   <scope>test</scope>
  </dependency>
 </dependencies>
 <build>
  <plugins>
   <plugin>
    <groupId>org.apache.maven.plugins</groupId>
    <artifactId>maven-surefire-plugin</artifactId>
    <version>3.0.0-M3</version>
    <configuration>
     <includes>
      <include>*</include>
     </includes>
    </configuration>
   </plugin>
```

```
 <plugin>
  <groupId>org.apache.felix</groupId>
  <artifactId>maven-bundle-plugin</artifactId>
  <version>4.2.1</version>
  <extensions>true</extensions>
  <configuration>
   <instructions>
    <Import-Package>sun.misc;resolution:=optional</Import-Package>
   </instructions>
  </configuration>
 </plugin>
 <plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-source-plugin</artifactId>
  <version>3.2.0</version>
  <executions>
   <execution>
    <id>attach-sources</id>
    <phase>verify</phase>
    <goals>
     <goal>jar-no-fork</goal>
    </goals>
   </execution>
  </executions>
 </plugin>
 <plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-javadoc-plugin</artifactId>
  <version>3.1.1</version>
  <configuration>
   <additionalOptions>
    <additionalOption>-Xdoclint:none</additionalOption>
   </additionalOptions>
   <source>8</source>
  </configuration>
  <executions>
   <execution>
    <id>attach-javadocs</id>
    <goals>
     <goal>jar</goal>
    </goals>
   </execution>
  </executions>
 </plugin>
</plugins>
</build>

<distributionManagement>
```

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

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

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

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

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

<properties>
```

```
  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
  <java.version>1.6</java.version>
  <java.test.version>1.8</java.test.version>

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

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

Found
 in path(s):
* /jctools-core-3-0-0-5-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
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Manifest-Version: 1.0
Bnd-LastModified: 1578049665284
Build-Jdk: 1.8.0_232
Built-By: yak
Bundle-Description: Java Concurrency Tools Core Library
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Java Concurrency Tools Core Library
Bundle-SymbolicName: org.jctools.core
Bundle-Version: 3.0.0
Created-By: Apache Maven Bundle Plugin
Export-Package: org.jctools.maps;version="3.0.0",org.jctools.util;vers
ion="3.0.0";uses:="sun.misc",org.jctools.queues;version="3.0.0";uses:
="org.jctools.queues.spec",org.jctools.queues.spec;version="3.0.0",or
g.jctools.queues.atomic;version="3.0.0";uses:="org.jctools.queues,org
.jctools.queues.spec"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-4.2.0.201903051501

Found in path(s):
* /jctools-core-3-0-0-5-jar/META-INF/MANIFEST.MF
```

1.259 dash 0.5.10.2-6

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1.260 asyncio 3.4.3

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1.261 gojsonreference 0.0.0-20180127040603-bd5ef7bd5415

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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameEncoder.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpContentDecompressor.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/package-info.java
*
 /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpResponseDecoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpContentEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/DefaultCookie.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/rtsp/package-info.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/DiskAttribute.java
*
 /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpMethod.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/DefaultHttpObject.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpContent.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/QueryStringEncoder.java

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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/DefaultHttpHeaders.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpObject.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspVersions.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpClientCodec.java
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* /netty-codec-http-4-1-51-final-sources-
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* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker07.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpMessage.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpVersion.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java
* /netty-codec-http-4-1-51-final-sources-
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpRequest.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java

* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/package-info.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspMethods.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpRequestEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpResponse.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/DefaultHttpContent.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpObjectEncoder.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/InternalAttribute.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/QueryStringDecoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/DefaultHttpMessage.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/multipart/HttpData.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java
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 /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpHeaderDateFormat.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/CookieDecoder.java
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jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateDecoder.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java
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 /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/ServerCookieEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpStatusClass.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpHeadersEncoder.java
* /netty-codec-http-4-1-51-final-sources-
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java
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 /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValues.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpHeaderNames.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java
* /netty-codec-http-4-1-51-final-sources-
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* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.j
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/netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderNames.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java
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/netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderValues.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
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/netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/HttpMessageUtil.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/ClientCookieEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketScheme.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionStatus.java
*
 /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyDataFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySynReplyFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/FullHttpResponse.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyPingFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/FullHttpMessage.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySettingsFrame.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/cors/package-info.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java
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* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaders.java
*
 /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyStreamFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySynReplyFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyRstStreamFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandshakeHandler.java
*
 /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyGoAwayFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionHandler.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java

* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyCodecUtil.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeadersFrame.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java
* /netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java
*
/netty-codec-http-4-1-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java
* /netty-codec-http-4-1-51-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java
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1.270 libssh2 1.9.0-2+deb11u1

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1.272 google-go-cmp 0.6.0

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1.274 libx11 2:1.7.2-1+deb11u2

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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/UnpooledDuplicatedByteBuf.java
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 /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/PoolChunkMetric.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/UnsafeByteBufUtil.java

* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/PoolArenaMetric.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/PoolChunkListMetric.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/UnpooledUnsafeHeapByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/UnpooledSlicedByteBuf.java
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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/search/AbstractSearchProcessorFactory.java
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 /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/search/MultiSearchProcessor.java
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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/search/BitapSearchProcessorFactory.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/search/MultiSearchProcessorFactory.java
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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/WrappedByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/ByteBufHolder.java
*
 /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/DefaultByteBufHolder.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/AbstractDerivedByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/FixedCompositeByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/ByteBufProcessor.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/SimpleLeakAwareByteBuf.java
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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/ReadOnlyByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/SwappedByteBuf.java
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 /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/DuplicatedByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/ByteBufOutputStream.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/PoolChunk.java

* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/UnpooledHeapByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/PoolArena.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/UnpooledUnsafeDirectByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/package-info.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/CompositeByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/PoolSubpage.java
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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/ByteBufAllocator.java
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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/ByteBufInputStream.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/AbstractByteBuf.java
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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/AbstractByteBufAllocator.java
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* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/AbstractPooledDerivedByteBuf.java
*
 /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/AbstractUnpooledSlicedByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/WrappedCompositeByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java
* /netty-buffer-4-1-51-final-sources-jar/io/netty/buffer/PooledDuplicatedByteBuf.java
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1.281 pcre 2:8.39-13

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1.282 xxhash 0.8.0-2

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* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/interceptor/MethodInvocationRecoverer.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/RetryStatistics.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/RecoveryCallback.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/policy/RetryContextCache.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/RetryOperations.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/RetryException.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/backoff/SleepingBackOffPolicy.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/classify/PatternMatcher.java
*
/spring-retry-1-2-5-release-sources-4-jar/org/springframework/classify/ClassifierSupport.java
* /spring-retry-1-2-5-release-sources-4-
jar/org/springframework/retry/interceptor/MethodArgumentsKeyGenerator.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/RetryListener.java
* /spring-retry-1-2-5-release-sources-4-
jar/org/springframework/retry/interceptor/NewMethodArgumentsIdentifier.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/policy/TimeoutRetryPolicy.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/classify/ClassifierAdapter.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/RetryState.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/classify/PatternMatchingClassifier.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/classify/Classifier.java
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* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/backoff/UniformRandomBackOffPolicy.java
*
 /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/support/RetryTemplate.java
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* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/stats/DefaultRetryStatisticsFactory.java
*
 /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/stats/ExponentialAverageRetryStatistics.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/stats/DefaultStatisticsRepository.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/stats/StatisticsRepository.java
* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/stats/MutableRetryStatistics.java
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* /spring-retry-1-2-5-release-sources-4-jar/org/springframework/retry/annotation/Backoff.java

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* /spring-aop-5-2-24-release-sources-jar/org/springframework/aop/config/PointcutEntry.java
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/spring-aop-5-2-24-release-sources-jar/org/springframework/aop/framework/autoproxy/AbstractAdvisorAutoProxyCreator.java
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jar/org/springframework/aop/interceptor/SimpleAsyncUncaughtExceptionHandler.java
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* /spring-aop-5-2-24-release-sources-
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* /spring-aop-5-2-24-release-sources-jar/org/springframework/aop/target/CommonsPool2TargetSource.java
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jar/org/springframework/aop/framework/adapter/GlobalAdvisorAdapterRegistry.java
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jar/org/springframework/aop/framework/adapter/AfterReturningAdviceInterceptor.java
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jar/org/springframework/aop/framework/InterceptorAndDynamicMethodMatcher.java
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jar/org/springframework/aop/support/annotation/AnnotationMatchingPointcut.java
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jar/org/springframework/aop/framework/autoproxy/AbstractAutoProxyCreator.java
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1.295 swagger-annotations 1.5.22

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

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

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

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

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

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

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* Rob Earhart
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version 0.1
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This package was debianized by Ivo Timmermans <ivo@debian.org> on
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/* Extract the last component (base name) of a file name.

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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {

```
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME     RESULT
          "foo.c"      "foo.c"
          "foo/bar.c"  "bar.c"
          "/foo/bar.c" "bar.c"
          "foo/bar/"   "bar/"
          "foo/bar//"  "bar//"
          "/"          ""
          "//"         ""
          ""           ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(), defined in <string.h>, does
      not consider trailing slashes to be part of the component:
          FILENAME
      RESULT
          "foo/bar/"   ""
          "foo/bar//"  ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
          FILENAME     RESULT
          "foo/bar/"   "bar"
          "foo/bar//"  "bar"
          "/"          "/"
          "//"         "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;


#ifdef __cplusplus
} /* extern "C" */
```

#endif

#endif /* _BASENAME_LGPL_H */

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* /management-model-5-7-3-sources-

jar/org/terracotta/management/model/message/DefaultManagementCallMessage.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/stats/Sample.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/call/ContextualCall.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/stats/DelegatingStatistic.java
*
/management-model-5-7-3-sources-jar/org/terracotta/management/model/capabilities/descriptors/Descriptor.java
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* /management-model-5-7-3-sources-
jar/org/terracotta/management/model/capabilities/context/CapabilityContext.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/call/Parameter.java
* /management-model-5-7-3-sources-
jar/org/terracotta/management/model/capabilities/descriptors/CallDescriptor.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/stats/ContextualStatistics.java
* /management-model-5-7-3-sources-
jar/org/terracotta/management/model/capabilities/descriptors/StatisticDescriptor.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/capabilities/DefaultCapability.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/context/ContextContainer.java
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/management-model-5-7-3-sources-jar/org/terracotta/management/model/context/Context.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/capabilities/Capability.java
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*
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* /management-model-5-7-3-sources-jar/org/terracotta/management/model/stats/StatisticType.java
* /management-model-5-7-3-sources-jar/org/terracotta/management/model/stats/DelegatingSample.java

1.304 sqlite 3.34.1-3+deb11u1

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1.305 docker-go-metrics 0.0.1

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1.307 gdbm 1.19-2

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1.308 asm 6.0

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

class java/applet/Applet$AccessibleApplet java/awt/Panel$AccessibleAWTPanel
java/applet/Applet$AccessibleApplet serialVersionUID
java/applet/Applet$AccessibleApplet this$0
java/applet/Applet$AccessibleApplet <init>(Ljava/applet/Applet;)V
java/applet/Applet$AccessibleApplet getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/applet/Applet$AccessibleApplet getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
class java/applet/AppletContext java/lang/Object
java/applet/AppletContext getAudioClip(Ljava/net/URL;)Ljava/applet/AudioClip;
java/applet/AppletContext getImage(Ljava/net/URL;)Ljava/awt/Image;
java/applet/AppletContext getApplet(Ljava/lang/String;)Ljava/applet/Applet;
java/applet/AppletContext getApplets()Ljava/util/Enumeration;
java/applet/AppletContext showDocument(Ljava/net/URL;)V
java/applet/AppletContext showDocument(Ljava/net/URL;Ljava/lang/String;)V
java/applet/AppletContext showStatus(Ljava/lang/String;)V
java/applet/AppletContext
setStream(Ljava/lang/String;Ljava/io/InputStream;)V
java/applet/AppletContext getStream(Ljava/lang/String;)Ljava/io/InputStream;
java/applet/AppletContext getStreamKeys()Ljava/util/Iterator;
class java/applet/AppletStub java/lang/Object
java/applet/AppletStub isActive()Z
java/applet/AppletStub getDocumentBase()Ljava/net/URL;
java/applet/AppletStub getCodeBase()Ljava/net/URL;
java/applet/AppletStub getParameter(Ljava/lang/String;)Ljava/lang/String;
java/applet/AppletStub getAppletContext()Ljava/applet/AppletContext;
java/applet/AppletStub appletResize(II)V
class java/applet/AudioClip java/lang/Object
java/applet/AudioClip play()V
java/applet/AudioClip loop()V
java/applet/AudioClip stop()V
class java/awt/AWTEvent$1 java/lang/Object
java/awt/AWTEvent$1 <init>()V
java/awt/AWTEvent$1 run()Ljava/lang/Object;
class java/awt/AWTException java/lang/Exception
java/awt/AWTException serialVersionUID
java/awt/AWTException <init>(Ljava/lang/String;)V
class
java/awt/AttributeValue java/lang/Object
java/awt/AttributeValue value
java/awt/AttributeValue names
java/awt/AttributeValue dbg
java/awt/AttributeValue <init>(I[Ljava/lang/String;)V

java/awt/AttributeValue hashCode()I
java/awt/AttributeValue toString()Ljava/lang/String;
java/awt/AttributeValue <clinit>()V
class java/awt/BasicStroke$FillAdapter java/lang/Object
java/awt/BasicStroke$FillAdapter closed
java/awt/BasicStroke$FillAdapter path
java/awt/BasicStroke$FillAdapter this$0
java/awt/BasicStroke$FillAdapter <init>(Ljava/awt/BasicStroke;)V
java/awt/BasicStroke$FillAdapter getShape()Ljava/awt/Shape;
java/awt/BasicStroke$FillAdapter dispose()V
java/awt/BasicStroke$FillAdapter getConsumer()Lsun/dc/path/PathConsumer;
java/awt/BasicStroke$FillAdapter beginPath()V
java/awt/BasicStroke$FillAdapter beginSubpath(FF)V
java/awt/BasicStroke$FillAdapter appendLine(FF)V
java/awt/BasicStroke$FillAdapter appendQuadratic(FFFF)V
java/awt/BasicStroke$FillAdapter appendCubic(FFFFFF)V
java/awt/BasicStroke$FillAdapter
closedSubpath()V
java/awt/BasicStroke$FillAdapter endPath()V
java/awt/BasicStroke$FillAdapter useProxy(Lsun/dc/path/FastPathProducer;)V
java/awt/BasicStroke$FillAdapter getCPathConsumer()J
class java/awt/BufferCapabilities$FlipContents java/awt/AttributeValue
java/awt/BufferCapabilities$FlipContents I_UNDEFINED
java/awt/BufferCapabilities$FlipContents I_BACKGROUND
java/awt/BufferCapabilities$FlipContents I_PRIOR
java/awt/BufferCapabilities$FlipContents I_COPIED
java/awt/BufferCapabilities$FlipContents NAMES
java/awt/BufferCapabilities$FlipContents UNDEFINED
java/awt/BufferCapabilities$FlipContents BACKGROUND
java/awt/BufferCapabilities$FlipContents PRIOR
java/awt/BufferCapabilities$FlipContents COPIED
java/awt/BufferCapabilities$FlipContents <init>(I)V
java/awt/BufferCapabilities$FlipContents <clinit>()V
class java/awt/BufferCapabilities java/lang/Object
java/awt/BufferCapabilities frontCaps
java/awt/BufferCapabilities backCaps
java/awt/BufferCapabilities flipContents
java/awt/BufferCapabilities
<init>(Ljava/awt/ImageCapabilities;Ljava/awt/ImageCapabilities;Ljava/awt/BufferCapabilities$FlipContents;)V
java/awt/BufferCapabilities getFrontBufferCapabilities()Ljava/awt/ImageCapabilities;
java/awt/BufferCapabilities getBackBufferCapabilities()Ljava/awt/ImageCapabilities;
java/awt/BufferCapabilities isPageFlipping()Z
java/awt/BufferCapabilities getFlipContents()Ljava/awt/BufferCapabilities$FlipContents;
java/awt/BufferCapabilities isFullScreenRequired()Z
java/awt/BufferCapabilities isMultiBufferAvailable()Z
java/awt/BufferCapabilities clone()Ljava/lang/Object;
class java/awt/Button$AccessibleAWTButton java/awt/Component$AccessibleAWTComponent
java/awt/Button$AccessibleAWTButton serialVersionUID

java/awt/Button$AccessibleAWTButton this$0
java/awt/Button$AccessibleAWTButton <init>(Ljava/awt/Button;)V
java/awt/Button$AccessibleAWTButton getAccessibleName()Ljava/lang/String;
java/awt/Button$AccessibleAWTButton getAccessibleAction()Ljavax/accessibility/AccessibleAction;
java/awt/Button$AccessibleAWTButton
 getAccessibleValue()Ljavax/accessibility/AccessibleValue;
java/awt/Button$AccessibleAWTButton getAccessibleActionCount()I
java/awt/Button$AccessibleAWTButton getAccessibleActionDescription(I)Ljava/lang/String;
java/awt/Button$AccessibleAWTButton doAccessibleAction(I)Z
java/awt/Button$AccessibleAWTButton getCurrentAccessibleValue()Ljava/lang/Number;
java/awt/Button$AccessibleAWTButton setCurrentAccessibleValue(Ljava/lang/Number;)Z
java/awt/Button$AccessibleAWTButton getMinimumAccessibleValue()Ljava/lang/Number;
java/awt/Button$AccessibleAWTButton getMaximumAccessibleValue()Ljava/lang/Number;
java/awt/Button$AccessibleAWTButton getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/Button java/awt/Component
java/awt/Button label
java/awt/Button actionCommand
java/awt/Button actionListener
java/awt/Button base
java/awt/Button nameCounter
java/awt/Button serialVersionUID
java/awt/Button buttonSerializedDataVersion
java/awt/Button
 initIDs()V
java/awt/Button <init>()V
java/awt/Button <init>(Ljava/lang/String;)V
java/awt/Button constructComponentName()Ljava/lang/String;
java/awt/Button addNotify()V
java/awt/Button getLabel()Ljava/lang/String;
java/awt/Button setLabel(Ljava/lang/String;)V
java/awt/Button setActionCommand(Ljava/lang/String;)V
java/awt/Button getActionCommand()Ljava/lang/String;
java/awt/Button addActionListener(Ljava/awt/event/ActionListener;)V
java/awt/Button removeActionListener(Ljava/awt/event/ActionListener;)V
java/awt/Button getActionListeners()[Ljava/awt/event/ActionListener;
java/awt/Button getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/Button eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/Button processEvent(Ljava/awt/AWTEvent;)V
java/awt/Button processActionEvent(Ljava/awt/event/ActionEvent;)V
java/awt/Button paramString()Ljava/lang/String;
java/awt/Button writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Button readObject(Ljava/io/ObjectInputStream;)V
java/awt/Button
 getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Button <clinit>()V
class java/awt/Canvas$AccessibleAWTCanvas java/awt/Component$AccessibleAWTComponent
java/awt/Canvas$AccessibleAWTCanvas serialVersionUID
java/awt/Canvas$AccessibleAWTCanvas this$0

java/awt/Canvas$AccessibleAWTCanvas <init>(Ljava/awt/Canvas;)V
java/awt/Canvas$AccessibleAWTCanvas getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/Checkbox$AccessibleAWTCheckbox java/awt/Component$AccessibleAWTComponent
java/awt/Checkbox$AccessibleAWTCheckbox serialVersionUID
java/awt/Checkbox$AccessibleAWTCheckbox this$0
java/awt/Checkbox$AccessibleAWTCheckbox <init>(Ljava/awt/Checkbox;)V
java/awt/Checkbox$AccessibleAWTCheckbox itemStateChanged(Ljava/awt/event/ItemEvent;)V
java/awt/Checkbox$AccessibleAWTCheckbox getAccessibleAction()Ljavax/accessibility/AccessibleAction;
java/awt/Checkbox$AccessibleAWTCheckbox getAccessibleValue()Ljavax/accessibility/AccessibleValue;
java/awt/Checkbox$AccessibleAWTCheckbox
getAccessibleActionCount()I
java/awt/Checkbox$AccessibleAWTCheckbox getAccessibleActionDescription(I)Ljava/lang/String;
java/awt/Checkbox$AccessibleAWTCheckbox doAccessibleAction(I)Z
java/awt/Checkbox$AccessibleAWTCheckbox getCurrentAccessibleValue()Ljava/lang/Number;
java/awt/Checkbox$AccessibleAWTCheckbox setCurrentAccessibleValue(Ljava/lang/Number;)Z
java/awt/Checkbox$AccessibleAWTCheckbox getMinimumAccessibleValue()Ljava/lang/Number;
java/awt/Checkbox$AccessibleAWTCheckbox getMaximumAccessibleValue()Ljava/lang/Number;
java/awt/Checkbox$AccessibleAWTCheckbox getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/Checkbox$AccessibleAWTCheckbox getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
class java/awt/Checkbox java/awt/Component
java/awt/Checkbox label
java/awt/Checkbox state
java/awt/Checkbox group
java/awt/Checkbox itemListener
java/awt/Checkbox base
java/awt/Checkbox nameCounter
java/awt/Checkbox serialVersionUID
java/awt/Checkbox checkboxSerializedDataVersion
java/awt/Checkbox
setStateInternal(Z)V
java/awt/Checkbox <init>()V
java/awt/Checkbox <init>(Ljava/lang/String;)V
java/awt/Checkbox <init>(Ljava/lang/String;Z)V
java/awt/Checkbox <init>(Ljava/lang/String;ZLjava/awt/CheckboxGroup;)V
java/awt/Checkbox <init>(Ljava/lang/String;Ljava/awt/CheckboxGroup;Z)V
java/awt/Checkbox constructComponentName()Ljava/lang/String;
java/awt/Checkbox addNotify()V
java/awt/Checkbox getLabel()Ljava/lang/String;
java/awt/Checkbox setLabel(Ljava/lang/String;)V
java/awt/Checkbox getState()Z
java/awt/Checkbox setState(Z)V
java/awt/Checkbox getSelectedObjects()[Ljava/lang/Object;
java/awt/Checkbox getCheckboxGroup()Ljava/awt/CheckboxGroup;
java/awt/Checkbox setCheckboxGroup(Ljava/awt/CheckboxGroup;)V
java/awt/Checkbox addItemListener(Ljava/awt/event/ItemListener;)V
java/awt/Checkbox removeItemListener(Ljava/awt/event/ItemListener;)V
java/awt/Checkbox getItemListeners()[Ljava/awt/event/ItemListener;
java/awt/Checkbox getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;

java/awt/Checkbox
eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/Checkbox processEvent(Ljava/awt/AWTEvent;)V
java/awt/Checkbox processItemEvent(Ljava/awt/event/ItemEvent;)V
java/awt/Checkbox paramString()Ljava/lang/String;
java/awt/Checkbox writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Checkbox readObject(Ljava/io/ObjectInputStream;)V
java/awt/Checkbox initIDs()V
java/awt/Checkbox getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Checkbox <clinit>()V
class java/awt/CheckboxGroup java/lang/Object
java/awt/CheckboxGroup selectedCheckbox
java/awt/CheckboxGroup serialVersionUID
java/awt/CheckboxGroup <init>()V
java/awt/CheckboxGroup getSelectedCheckbox()Ljava/awt/Checkbox;
java/awt/CheckboxGroup getCurrent()Ljava/awt/Checkbox;
java/awt/CheckboxGroup setSelectedCheckbox(Ljava/awt/Checkbox;)V
java/awt/CheckboxGroup setCurrent(Ljava/awt/Checkbox;)V
java/awt/CheckboxGroup toString()Ljava/lang/String;
class java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
java/awt/MenuItem$AccessibleAWTMenuItem
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem serialVersionUID
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem this$0
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem <init>(Ljava/awt/CheckboxMenuItem;)V
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
getAccessibleAction()Ljavax/accessibility/AccessibleAction;
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
getAccessibleValue()Ljavax/accessibility/AccessibleValue;
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java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
getAccessibleActionDescription(I)Ljava/lang/String;
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem doAccessibleAction(I)Z
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
getCurrentAccessibleValue()Ljava/lang/Number;
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
setCurrentAccessibleValue(Ljava/lang/Number;)Z
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
getMinimumAccessibleValue()Ljava/lang/Number;
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
getMaximumAccessibleValue()Ljava/lang/Number;
java/awt/CheckboxMenuItem$AccessibleAWTCheckboxMenuItem
getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/CheckboxMenuItem java/awt/MenuItem
java/awt/CheckboxMenuItem state
java/awt/CheckboxMenuItem itemListener
java/awt/CheckboxMenuItem base
java/awt/CheckboxMenuItem nameCounter
java/awt/CheckboxMenuItem serialVersionUID

java/awt/CheckboxMenuItem checkboxMenuItemSerializedDataVersion
java/awt/CheckboxMenuItem <init>()V
java/awt/CheckboxMenuItem <init>(Ljava/lang/String;)V
java/awt/CheckboxMenuItem <init>(Ljava/lang/String;Z)V
java/awt/CheckboxMenuItem constructComponentName()Ljava/lang/String;
java/awt/CheckboxMenuItem addNotify()V
java/awt/CheckboxMenuItem getState()Z
java/awt/CheckboxMenuItem setState(Z)V
java/awt/CheckboxMenuItem getSelectedObjects()[Ljava/lang/Object;
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addItemListener(Ljava/awt/event/ItemListener;)V
java/awt/CheckboxMenuItem removeItemListener(Ljava/awt/event/ItemListener;)V
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java/awt/CheckboxMenuItem getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/CheckboxMenuItem eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/CheckboxMenuItem processEvent(Ljava/awt/AWTEvent;)V
java/awt/CheckboxMenuItem processItemEvent(Ljava/awt/event/ItemEvent;)V
java/awt/CheckboxMenuItem doMenuEvent(JI)V
java/awt/CheckboxMenuItem paramString()Ljava/lang/String;
java/awt/CheckboxMenuItem writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/CheckboxMenuItem readObject(Ljava/io/ObjectInputStream;)V
java/awt/CheckboxMenuItem initIDs()V
java/awt/CheckboxMenuItem getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/CheckboxMenuItem <clinit>()V
class java/awt/Choice$AccessibleAWTChoice java/awt/Component$AccessibleAWTComponent
java/awt/Choice$AccessibleAWTChoice
serialVersionUID
java/awt/Choice$AccessibleAWTChoice this$0
java/awt/Choice$AccessibleAWTChoice <init>(Ljava/awt/Choice;)V
java/awt/Choice$AccessibleAWTChoice getAccessibleAction()Ljavax/accessibility/AccessibleAction;
java/awt/Choice$AccessibleAWTChoice getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/Choice$AccessibleAWTChoice getAccessibleActionCount()I
java/awt/Choice$AccessibleAWTChoice getAccessibleActionDescription(I)Ljava/lang/String;
java/awt/Choice$AccessibleAWTChoice doAccessibleAction(I)Z
class java/awt/Choice java/awt/Component
java/awt/Choice pItems
java/awt/Choice selectedIndex
java/awt/Choice itemListener
java/awt/Choice base
java/awt/Choice nameCounter
java/awt/Choice serialVersionUID
java/awt/Choice choiceSerializedDataVersion
java/awt/Choice <init>()V
java/awt/Choice constructComponentName()Ljava/lang/String;
java/awt/Choice addNotify()V
java/awt/Choice getItemCount()I
java/awt/Choice countItems()I
java/awt/Choice getItem(I)Ljava/lang/String;

java/awt/Choice
 getItemImpl(I)Ljava/lang/String;
java/awt/Choice add(Ljava/lang/String;)V
java/awt/Choice addItem(Ljava/lang/String;)V
java/awt/Choice insertNoInvalidate(Ljava/lang/String;I)V
java/awt/Choice insert(Ljava/lang/String;I)V
java/awt/Choice remove(Ljava/lang/String;)V
java/awt/Choice remove(I)V
java/awt/Choice removeNoInvalidate(I)V
java/awt/Choice removeAll()V
java/awt/Choice getSelectedItem()Ljava/lang/String;
java/awt/Choice getSelectedObjects()[Ljava/lang/Object;
java/awt/Choice getSelectedIndex()I
java/awt/Choice select(I)V
java/awt/Choice select(Ljava/lang/String;)V
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java/awt/Choice removeItemListener(Ljava/awt/event/ItemListener;)V
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java/awt/Choice paramString()Ljava/lang/String;
java/awt/Choice writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Choice readObject(Ljava/io/ObjectInputStream;)V
java/awt/Choice getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Choice <clinit>()V
class java/awt/ColorPaintContext java/lang/Object
java/awt/ColorPaintContext color
java/awt/ColorPaintContext savedTile
java/awt/ColorPaintContext <init>(ILjava/awt/image/ColorModel;)V
java/awt/ColorPaintContext dispose()V
java/awt/ColorPaintContext getColorModel()Ljava/awt/image/ColorModel;
java/awt/ColorPaintContext getRaster(IIII)Ljava/awt/image/Raster;
class java/awt/Component$1 java/lang/Object
java/awt/Component$1 this$0
java/awt/Component$1 <init>(Ljava/awt/Component;)V
java/awt/Component$1 run()Ljava/lang/Object;
class java/awt/Component$2 java/lang/Object
java/awt/Component$2 val$swingClass
java/awt/Component$2 this$0
java/awt/Component$2 <init>(Ljava/awt/Component;Ljava/lang/Class;)V
java/awt/Component$2
 run()Ljava/lang/Object;
class java/awt/Component$3 java/lang/Object
java/awt/Component$3 val$method
java/awt/Component$3 this$0

java/awt/Component$3 <init>(Ljava/awt/Component;Ljava/lang/reflect/Method;)V
java/awt/Component$3 run()Ljava/lang/Object;
class java/awt/Component$AccessibleAWTComponent$AccessibleAWTComponentHandler java/lang/Object
java/awt/Component$AccessibleAWTComponent$AccessibleAWTComponentHandler this$1
java/awt/Component$AccessibleAWTComponent$AccessibleAWTComponentHandler
<init>(Ljava/awt/Component$AccessibleAWTComponent;)V
java/awt/Component$AccessibleAWTComponent$AccessibleAWTComponentHandler
componentHidden(Ljava/awt/event/ComponentEvent;)V
java/awt/Component$AccessibleAWTComponent$AccessibleAWTComponentHandler
componentShown(Ljava/awt/event/ComponentEvent;)V
java/awt/Component$AccessibleAWTComponent$AccessibleAWTComponentHandler
componentMoved(Ljava/awt/event/ComponentEvent;)V
java/awt/Component$AccessibleAWTComponent$AccessibleAWTComponentHandler
componentResized(Ljava/awt/event/ComponentEvent;)V
class java/awt/Component$AccessibleAWTComponent$AccessibleAWTFocusHandler java/lang/Object
java/awt/Component$AccessibleAWTComponent$AccessibleAWTFocusHandler this$1
java/awt/Component$AccessibleAWTComponent$AccessibleAWTFocusHandler
<init>(Ljava/awt/Component$AccessibleAWTComponent;)V
java/awt/Component$AccessibleAWTComponent$AccessibleAWTFocusHandler
focusGained(Ljava/awt/event/FocusEvent;)V
java/awt/Component$AccessibleAWTComponent$AccessibleAWTFocusHandler
focusLost(Ljava/awt/event/FocusEvent;)V
class java/awt/Component$BltBufferStrategy java/awt/image/BufferStrategy
java/awt/Component$BltBufferStrategy caps
java/awt/Component$BltBufferStrategy backBuffers
java/awt/Component$BltBufferStrategy validatedContents
java/awt/Component$BltBufferStrategy width
java/awt/Component$BltBufferStrategy height
java/awt/Component$BltBufferStrategy this$0
java/awt/Component$BltBufferStrategy <init>(Ljava/awt/Component;ILjava/awt/BufferCapabilities;)V
java/awt/Component$BltBufferStrategy
createBackBuffers(I)V
java/awt/Component$BltBufferStrategy getCapabilities()Ljava/awt/BufferCapabilities;
java/awt/Component$BltBufferStrategy getDrawGraphics()Ljava/awt/Graphics;
java/awt/Component$BltBufferStrategy getBackBuffer()Ljava/awt/Image;
java/awt/Component$BltBufferStrategy show()V
java/awt/Component$BltBufferStrategy revalidate()V
java/awt/Component$BltBufferStrategy contentsLost()Z
java/awt/Component$BltBufferStrategy contentsRestored()Z
class java/awt/Component$FlipBufferStrategy java/awt/image/BufferStrategy
java/awt/Component$FlipBufferStrategy numBuffers
java/awt/Component$FlipBufferStrategy caps
java/awt/Component$FlipBufferStrategy drawBuffer
java/awt/Component$FlipBufferStrategy drawVBuffer
java/awt/Component$FlipBufferStrategy validatedContents
java/awt/Component$FlipBufferStrategy this$0
java/awt/Component$FlipBufferStrategy <init>(Ljava/awt/Component;ILjava/awt/BufferCapabilities;)V
java/awt/Component$FlipBufferStrategy

createBuffers(ILjava/awt/BufferCapabilities;)V
java/awt/Component$FlipBufferStrategy getBackBuffer()Ljava/awt/Image;
java/awt/Component$FlipBufferStrategy flip(Ljava/awt/BufferCapabilities$FlipContents;)V
java/awt/Component$FlipBufferStrategy destroyBuffers()V
java/awt/Component$FlipBufferStrategy getCapabilities()Ljava/awt/BufferCapabilities;
java/awt/Component$FlipBufferStrategy getDrawGraphics()Ljava/awt/Graphics;
java/awt/Component$FlipBufferStrategy revalidate()V
java/awt/Component$FlipBufferStrategy contentsLost()Z
java/awt/Component$FlipBufferStrategy contentsRestored()Z
java/awt/Component$FlipBufferStrategy show()V
class java/awt/Component$SingleBufferStrategy java/awt/image/BufferStrategy
java/awt/Component$SingleBufferStrategy caps
java/awt/Component$SingleBufferStrategy this$0
java/awt/Component$SingleBufferStrategy <init>(Ljava/awt/Component;Ljava/awt/BufferCapabilities;)V
java/awt/Component$SingleBufferStrategy getCapabilities()Ljava/awt/BufferCapabilities;
java/awt/Component$SingleBufferStrategy
getDrawGraphics()Ljava/awt/Graphics;
java/awt/Component$SingleBufferStrategy contentsLost()Z
java/awt/Component$SingleBufferStrategy contentsRestored()Z
java/awt/Component$SingleBufferStrategy show()V
class java/awt/CompositeContext java/lang/Object
java/awt/CompositeContext dispose()V
java/awt/CompositeContext
compose(Ljava/awt/image/Raster;Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)V
class java/awt/Container$1 java/lang/Object
java/awt/Container$1 this$0
java/awt/Container$1 <init>(Ljava/awt/Container;)V
java/awt/Container$1 run()Ljava/lang/Object;
class java/awt/Container$2$1 java/lang/Object
java/awt/Container$2$1 this$1
java/awt/Container$2$1 <init>(Ljava/awt/Container$2;)V
java/awt/Container$2$1 evaluate()Z
class java/awt/Container$2 java/lang/Object
java/awt/Container$2 val$nativeContainer
java/awt/Container$2 this$0
java/awt/Container$2 <init>(Ljava/awt/Container;Ljava/awt/Container;)V
java/awt/Container$2 run()V
class
java/awt/Container$AccessibleAWTContainer$AccessibleContainerHandler java/lang/Object
java/awt/Container$AccessibleAWTContainer$AccessibleContainerHandler this$1
java/awt/Container$AccessibleAWTContainer$AccessibleContainerHandler
<init>(Ljava/awt/Container$AccessibleAWTContainer;)V
java/awt/Container$AccessibleAWTContainer$AccessibleContainerHandler
componentAdded(Ljava/awt/event/ContainerEvent;)V
java/awt/Container$AccessibleAWTContainer$AccessibleContainerHandler
componentRemoved(Ljava/awt/event/ContainerEvent;)V
class java/awt/Container$DropTargetEventTargetFilter java/lang/Object
java/awt/Container$DropTargetEventTargetFilter FILTER

java/awt/Container$DropTargetEventTargetFilter <init>()V
java/awt/Container$DropTargetEventTargetFilter accept(Ljava/awt/Component;)Z
java/awt/Container$DropTargetEventTargetFilter <clinit>()V
class java/awt/Container$EventTargetFilter java/lang/Object
java/awt/Container$EventTargetFilter accept(Ljava/awt/Component;)Z
class java/awt/Container$MouseEventTargetFilter
 java/lang/Object
java/awt/Container$MouseEventTargetFilter FILTER
java/awt/Container$MouseEventTargetFilter <init>()V
java/awt/Container$MouseEventTargetFilter accept(Ljava/awt/Component;)Z
java/awt/Container$MouseEventTargetFilter <clinit>()V
class java/awt/Container$WakingRunnable java/lang/Object
java/awt/Container$WakingRunnable <init>()V
java/awt/Container$WakingRunnable run()V
class java/awt/Cursor$1 java/lang/Object
java/awt/Cursor$1 val$fileName
java/awt/Cursor$1 val$fx
java/awt/Cursor$1 val$fy
java/awt/Cursor$1 val$flocalized
java/awt/Cursor$1 <init>(Ljava/lang/String;IILjava/lang/String;)V
java/awt/Cursor$1 run()Ljava/lang/Object;
class java/awt/Cursor$2 java/lang/Object
java/awt/Cursor$2 <init>()V
java/awt/Cursor$2 run()Ljava/lang/Object;
class java/awt/Cursor$CursorDisposer sun/java2d/DisposerRecord
java/awt/Cursor$CursorDisposer pData
java/awt/Cursor$CursorDisposer <init>()V
java/awt/Cursor$CursorDisposer dispose()V
class java/awt/DefaultKeyboardFocusManager$1
 java/lang/Object
java/awt/DefaultKeyboardFocusManager$1 val$se
java/awt/DefaultKeyboardFocusManager$1 val$targetAppContext
java/awt/DefaultKeyboardFocusManager$1 <init>(Ljava/awt/SentEvent;Lsun/awt/AppContext;)V
java/awt/DefaultKeyboardFocusManager$1 evaluate()Z
class java/awt/Dialog$1$1 java/lang/Object
java/awt/Dialog$1$1 this$1
java/awt/Dialog$1$1 <init>(Ljava/awt/Dialog$1;)V
java/awt/Dialog$1$1 evaluate()Z
class java/awt/Dialog$1 java/lang/Object
java/awt/Dialog$1 this$0
java/awt/Dialog$1 <init>(Ljava/awt/Dialog;)V
java/awt/Dialog$1 run()V
class java/awt/Dialog$2 java/lang/Object
java/awt/Dialog$2 val$pumpEventsForHierarchy
java/awt/Dialog$2 this$0
java/awt/Dialog$2 <init>(Ljava/awt/Dialog;Ljava/lang/Runnable;)V
java/awt/Dialog$2 run()Ljava/lang/Object;
class java/awt/Dialog$AccessibleAWTDialog java/awt/Window$AccessibleAWTWindow

java/awt/Dialog$AccessibleAWTDialog serialVersionUID
java/awt/Dialog$AccessibleAWTDialog this$0
java/awt/Dialog$AccessibleAWTDialog <init>(Ljava/awt/Dialog;)V
java/awt/Dialog$AccessibleAWTDialog
 getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/Dialog$AccessibleAWTDialog getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
class java/awt/Dialog$WakingRunnable java/lang/Object
java/awt/Dialog$WakingRunnable <init>()V
java/awt/Dialog$WakingRunnable run()V
class java/awt/DisplayMode java/lang/Object
java/awt/DisplayMode size
java/awt/DisplayMode bitDepth
java/awt/DisplayMode refreshRate
java/awt/DisplayMode BIT_DEPTH_MULTI
java/awt/DisplayMode REFRESH_RATE_UNKNOWN
java/awt/DisplayMode <init>(IIII)V
java/awt/DisplayMode getHeight()I
java/awt/DisplayMode getWidth()I
java/awt/DisplayMode getBitDepth()I
java/awt/DisplayMode getRefreshRate()I
java/awt/DisplayMode equals(Ljava/awt/DisplayMode;)Z
java/awt/DisplayMode equals(Ljava/lang/Object;)Z
java/awt/DisplayMode hashCode()I
class java/awt/EventDispatchThread$StopDispatchEvent java/awt/AWTEvent
java/awt/EventDispatchThread$StopDispatchEvent this$0
java/awt/EventDispatchThread$StopDispatchEvent
 <init>(Ljava/awt/EventDispatchThread;)V
java/awt/EventDispatchThread$StopDispatchEvent dispatch()V
class java/awt/FileDialog java/awt/Dialog
java/awt/FileDialog LOAD
java/awt/FileDialog SAVE
java/awt/FileDialog mode
java/awt/FileDialog dir
java/awt/FileDialog file
java/awt/FileDialog filter
java/awt/FileDialog base
java/awt/FileDialog nameCounter
java/awt/FileDialog serialVersionUID
java/awt/FileDialog initIDs()V
java/awt/FileDialog <init>(Ljava/awt/Frame;)V
java/awt/FileDialog <init>(Ljava/awt/Frame;Ljava/lang/String;)V
java/awt/FileDialog <init>(Ljava/awt/Frame;Ljava/lang/String;I)V
java/awt/FileDialog <init>(Ljava/awt/Dialog;)V
java/awt/FileDialog <init>(Ljava/awt/Dialog;Ljava/lang/String;)V
java/awt/FileDialog <init>(Ljava/awt/Dialog;Ljava/lang/String;I)V
java/awt/FileDialog constructComponentName()Ljava/lang/String;
java/awt/FileDialog addNotify()V
java/awt/FileDialog getMode()I

java/awt/FileDialog setMode(I)V
java/awt/FileDialog getDirectory()Ljava/lang/String;
java/awt/FileDialog
setDirectory(Ljava/lang/String;)V
java/awt/FileDialog getFile()Ljava/lang/String;
java/awt/FileDialog setFile(Ljava/lang/String;)V
java/awt/FileDialog getFilenameFilter()Ljava/io/FilenameFilter;
java/awt/FileDialog setFilenameFilter(Ljava/io/FilenameFilter;)V
java/awt/FileDialog readObject(Ljava/io/ObjectInputStream;)V
java/awt/FileDialog paramString()Ljava/lang/String;
java/awt/FileDialog postsOldMouseEvents()Z
java/awt/FileDialog <clinit>()V
class java/awt/FocusManager java/lang/Object
java/awt/FocusManager focusRoot
java/awt/FocusManager focusOwner
java/awt/FocusManager serialVersionUID
java/awt/FocusManager <init>()V
class java/awt/Font$1 java/lang/Object
java/awt/Font$1 val$fStream
java/awt/Font$1 <init>(Ljava/io/InputStream;)V
java/awt/Font$1 run()Ljava/lang/Object;
class java/awt/Font$Key java/lang/Object
java/awt/Font$Key family
java/awt/Font$Key weight
java/awt/Font$Key posture
java/awt/Font$Key size
java/awt/Font$Key superscript
java/awt/Font$Key
width
java/awt/Font$Key txdata
java/awt/Font$Key attrs
java/awt/Font$Key hashCode
java/awt/Font$Key <init>(Ljava/util/Map;)V
java/awt/Font$Key hashCode()I
java/awt/Font$Key equals(Ljava/lang/Object;)Z
class java/awt/FontFormatException java/lang/Exception
java/awt/FontFormatException <init>(Ljava/lang/String;)V
class java/awt/GradientPaint java/lang/Object
java/awt/GradientPaint p1
java/awt/GradientPaint p2
java/awt/GradientPaint color1
java/awt/GradientPaint color2
java/awt/GradientPaint cyclic
java/awt/GradientPaint <init>(FFLjava/awt/Color;FFLjava/awt/Color;)V
java/awt/GradientPaint
<init>(Ljava/awt/geom/Point2D;Ljava/awt/Color;Ljava/awt/geom/Point2D;Ljava/awt/Color;)V
java/awt/GradientPaint <init>(FFLjava/awt/Color;FFLjava/awt/Color;Z)V
java/awt/GradientPaint

<init>(Ljava/awt/geom/Point2D;Ljava/awt/Color;Ljava/awt/geom/Point2D;Ljava/awt/Color;Z)V
java/awt/GradientPaint getPoint1()Ljava/awt/geom/Point2D;
java/awt/GradientPaint getColor1()Ljava/awt/Color;
java/awt/GradientPaint getPoint2()Ljava/awt/geom/Point2D;
java/awt/GradientPaint
getColor2()Ljava/awt/Color;
java/awt/GradientPaint isCyclic()Z
java/awt/GradientPaint
createContext(Ljava/awt/image/ColorModel;Ljava/awt/Rectangle;Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/AffineTransform;Ljava/awt/RenderingHints;)Ljava/awt/PaintContext;
java/awt/GradientPaint getTransparency()I
class java/awt/GradientPaintContext java/lang/Object
java/awt/GradientPaintContext xrgbmodel
java/awt/GradientPaintContext xbgrmodel
java/awt/GradientPaintContext cachedModel
java/awt/GradientPaintContext cached
java/awt/GradientPaintContext x1
java/awt/GradientPaintContext y1
java/awt/GradientPaintContext dx
java/awt/GradientPaintContext dy
java/awt/GradientPaintContext cyclic
java/awt/GradientPaintContext interp
java/awt/GradientPaintContext saved
java/awt/GradientPaintContext model
java/awt/GradientPaintContext getCachedRaster(Ljava/awt/image/ColorModel;II)Ljava/awt/image/Raster;
java/awt/GradientPaintContext putCachedRaster(Ljava/awt/image/ColorModel;Ljava/awt/image/Raster;)V
java/awt/GradientPaintContext
<init>(Ljava/awt/image/ColorModel;Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;Ljava/awt/geom/AffineTransform;Ljava/awt/Color;Ljava/awt/Color;Z)V
java/awt/GradientPaintContext dispose()V
java/awt/GradientPaintContext getColorModel()Ljava/awt/image/ColorModel;
java/awt/GradientPaintContext getRaster(IIII)Ljava/awt/image/Raster;
java/awt/GradientPaintContext cycleFillRaster([IIIIIDDD)V
java/awt/GradientPaintContext clipFillRaster([IIIIIDDD)V
java/awt/GradientPaintContext <clinit>()V
class java/awt/GraphicsCallback$PaintAllCallback java/awt/GraphicsCallback
java/awt/GraphicsCallback$PaintAllCallback instance
java/awt/GraphicsCallback$PaintAllCallback <init>()V
java/awt/GraphicsCallback$PaintAllCallback run(Ljava/awt/Component;Ljava/awt/Graphics;)V
java/awt/GraphicsCallback$PaintAllCallback getInstance()Ljava/awt/GraphicsCallback$PaintAllCallback;
java/awt/GraphicsCallback$PaintAllCallback <clinit>()V
class java/awt/GraphicsCallback$PaintHeavyweightComponentsCallback
java/awt/GraphicsCallback
java/awt/GraphicsCallback$PaintHeavyweightComponentsCallback instance
java/awt/GraphicsCallback$PaintHeavyweightComponentsCallback <init>()V
java/awt/GraphicsCallback$PaintHeavyweightComponentsCallback
run(Ljava/awt/Component;Ljava/awt/Graphics;)V
java/awt/GraphicsCallback$PaintHeavyweightComponentsCallback

getInstance()Ljava/awt/GraphicsCallback$PaintHeavyweightComponentsCallback;
java/awt/GraphicsCallback$PaintHeavyweightComponentsCallback <clinit>()V
class java/awt/GraphicsCallback$PeerPaintCallback java/awt/GraphicsCallback
java/awt/GraphicsCallback$PeerPaintCallback instance
java/awt/GraphicsCallback$PeerPaintCallback <init>()V
java/awt/GraphicsCallback$PeerPaintCallback run(Ljava/awt/Component;Ljava/awt/Graphics;)V
java/awt/GraphicsCallback$PeerPaintCallback getInstance()Ljava/awt/GraphicsCallback$PeerPaintCallback;
java/awt/GraphicsCallback$PeerPaintCallback <clinit>()V
class java/awt/GraphicsCallback$PeerPrintCallback
java/awt/GraphicsCallback
java/awt/GraphicsCallback$PeerPrintCallback instance
java/awt/GraphicsCallback$PeerPrintCallback <init>()V
java/awt/GraphicsCallback$PeerPrintCallback run(Ljava/awt/Component;Ljava/awt/Graphics;)V
java/awt/GraphicsCallback$PeerPrintCallback getInstance()Ljava/awt/GraphicsCallback$PeerPrintCallback;
java/awt/GraphicsCallback$PeerPrintCallback <clinit>()V
class java/awt/GraphicsCallback$PrintAllCallback java/awt/GraphicsCallback
java/awt/GraphicsCallback$PrintAllCallback instance
java/awt/GraphicsCallback$PrintAllCallback <init>()V
java/awt/GraphicsCallback$PrintAllCallback run(Ljava/awt/Component;Ljava/awt/Graphics;)V
java/awt/GraphicsCallback$PrintAllCallback getInstance()Ljava/awt/GraphicsCallback$PrintAllCallback;
java/awt/GraphicsCallback$PrintAllCallback <clinit>()V
class java/awt/GraphicsCallback$PrintCallback java/awt/GraphicsCallback
java/awt/GraphicsCallback$PrintCallback instance
java/awt/GraphicsCallback$PrintCallback <init>()V
java/awt/GraphicsCallback$PrintCallback
run(Ljava/awt/Component;Ljava/awt/Graphics;)V
java/awt/GraphicsCallback$PrintCallback getInstance()Ljava/awt/GraphicsCallback$PrintCallback;
java/awt/GraphicsCallback$PrintCallback <clinit>()V
class java/awt/GraphicsCallback$PrintHeavyweightComponentsCallback java/awt/GraphicsCallback
java/awt/GraphicsCallback$PrintHeavyweightComponentsCallback instance
java/awt/GraphicsCallback$PrintHeavyweightComponentsCallback <init>()V
java/awt/GraphicsCallback$PrintHeavyweightComponentsCallback
run(Ljava/awt/Component;Ljava/awt/Graphics;)V
java/awt/GraphicsCallback$PrintHeavyweightComponentsCallback
getInstance()Ljava/awt/GraphicsCallback$PrintHeavyweightComponentsCallback;
java/awt/GraphicsCallback$PrintHeavyweightComponentsCallback <clinit>()V
class java/awt/GraphicsConfigTemplate java/lang/Object
java/awt/GraphicsConfigTemplate REQUIRED
java/awt/GraphicsConfigTemplate PREFERRED
java/awt/GraphicsConfigTemplate UNNECESSARY
java/awt/GraphicsConfigTemplate <init>()V
java/awt/GraphicsConfigTemplate
getBestConfiguration([Ljava/awt/GraphicsConfiguration;)Ljava/awt/GraphicsConfiguration;
java/awt/GraphicsConfigTemplate isGraphicsConfigSupported(Ljava/awt/GraphicsConfiguration;)Z
class java/awt/GraphicsConfiguration$DefaultBufferCapabilities java/awt/BufferCapabilities
java/awt/GraphicsConfiguration$DefaultBufferCapabilities <init>(Ljava/awt/ImageCapabilities;)V
class java/awt/GridBagConstraints java/lang/Object
java/awt/GridBagConstraints RELATIVE

java/awt/GridBagConstraints REMAINDER
java/awt/GridBagConstraints NONE
java/awt/GridBagConstraints BOTH
java/awt/GridBagConstraints HORIZONTAL
java/awt/GridBagConstraints VERTICAL
java/awt/GridBagConstraints CENTER
java/awt/GridBagConstraints NORTH
java/awt/GridBagConstraints NORTHEAST
java/awt/GridBagConstraints EAST
java/awt/GridBagConstraints SOUTHEAST
java/awt/GridBagConstraints SOUTH
java/awt/GridBagConstraints SOUTHWEST
java/awt/GridBagConstraints WEST
java/awt/GridBagConstraints NORTHWEST
java/awt/GridBagConstraints
PAGE_START
java/awt/GridBagConstraints PAGE_END
java/awt/GridBagConstraints LINE_START
java/awt/GridBagConstraints LINE_END
java/awt/GridBagConstraints FIRST_LINE_START
java/awt/GridBagConstraints FIRST_LINE_END
java/awt/GridBagConstraints LAST_LINE_START
java/awt/GridBagConstraints LAST_LINE_END
java/awt/GridBagConstraints gridx
java/awt/GridBagConstraints gridy
java/awt/GridBagConstraints gridwidth
java/awt/GridBagConstraints gridheight
java/awt/GridBagConstraints weightx
java/awt/GridBagConstraints weighty
java/awt/GridBagConstraints anchor
java/awt/GridBagConstraints fill
java/awt/GridBagConstraints insets
java/awt/GridBagConstraints ipadx
java/awt/GridBagConstraints ipady
java/awt/GridBagConstraints tempX
java/awt/GridBagConstraints tempY
java/awt/GridBagConstraints tempWidth
java/awt/GridBagConstraints tempHeight
java/awt/GridBagConstraints minWidth
java/awt/GridBagConstraints minHeight
java/awt/GridBagConstraints serialVersionUID
java/awt/GridBagConstraints <init>()V
java/awt/GridBagConstraints
<init>(IIIIDDIILjava/awt/Insets;II)V
java/awt/GridBagConstraints clone()Ljava/lang/Object;
class java/awt/GridBagLayout java/lang/Object
java/awt/GridBagLayout MAXGRIDSIZE
java/awt/GridBagLayout MINSIZE

java/awt/GridBagLayout PREFERREDSIZE
java/awt/GridBagLayout comptable
java/awt/GridBagLayout defaultConstraints
java/awt/GridBagLayout layoutInfo
java/awt/GridBagLayout columnWidths
java/awt/GridBagLayout rowHeights
java/awt/GridBagLayout columnWeights
java/awt/GridBagLayout rowWeights
java/awt/GridBagLayout rightToLeft
java/awt/GridBagLayout serialVersionUID
java/awt/GridBagLayout <init>()V
java/awt/GridBagLayout setConstraints(Ljava/awt/Component;Ljava/awt/GridBagConstraints;)V
java/awt/GridBagLayout getConstraints(Ljava/awt/Component;)Ljava/awt/GridBagConstraints;
java/awt/GridBagLayout lookupConstraints(Ljava/awt/Component;)Ljava/awt/GridBagConstraints;
java/awt/GridBagLayout removeConstraints(Ljava/awt/Component;)V
java/awt/GridBagLayout getLayoutOrigin()Ljava/awt/Point;
java/awt/GridBagLayout
getLayoutDimensions()[[I
java/awt/GridBagLayout getLayoutWeights()[[D
java/awt/GridBagLayout location(II)Ljava/awt/Point;
java/awt/GridBagLayout addLayoutComponent(Ljava/lang/String;Ljava/awt/Component;)V
java/awt/GridBagLayout addLayoutComponent(Ljava/awt/Component;Ljava/lang/Object;)V
java/awt/GridBagLayout removeLayoutComponent(Ljava/awt/Component;)V
java/awt/GridBagLayout preferredLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/GridBagLayout minimumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/GridBagLayout maximumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/GridBagLayout getLayoutAlignmentX(Ljava/awt/Container;)F
java/awt/GridBagLayout getLayoutAlignmentY(Ljava/awt/Container;)F
java/awt/GridBagLayout invalidateLayout(Ljava/awt/Container;)V
java/awt/GridBagLayout layoutContainer(Ljava/awt/Container;)V
java/awt/GridBagLayout toString()Ljava/lang/String;
java/awt/GridBagLayout getLayoutInfo(Ljava/awt/Container;I)Ljava/awt/GridBagLayoutInfo;
java/awt/GridBagLayout
GetLayoutInfo(Ljava/awt/Container;I)Ljava/awt/GridBagLayoutInfo;
java/awt/GridBagLayout adjustForGravity(Ljava/awt/GridBagConstraints;Ljava/awt/Rectangle;)V
java/awt/GridBagLayout AdjustForGravity(Ljava/awt/GridBagConstraints;Ljava/awt/Rectangle;)V
java/awt/GridBagLayout getMinSize(Ljava/awt/Container;Ljava/awt/GridBagLayoutInfo;)Ljava/awt/Dimension;
java/awt/GridBagLayout GetMinSize(Ljava/awt/Container;Ljava/awt/GridBagLayoutInfo;)Ljava/awt/Dimension;
java/awt/GridBagLayout arrangeGrid(Ljava/awt/Container;)V
java/awt/GridBagLayout ArrangeGrid(Ljava/awt/Container;)V
class java/awt/GridBagLayoutInfo java/lang/Object
java/awt/GridBagLayoutInfo width
java/awt/GridBagLayoutInfo height
java/awt/GridBagLayoutInfo startx
java/awt/GridBagLayoutInfo starty
java/awt/GridBagLayoutInfo minWidth
java/awt/GridBagLayoutInfo minHeight
java/awt/GridBagLayoutInfo weightX

java/awt/GridBagLayoutInfo weightY
java/awt/GridBagLayoutInfo
<init>()V
class java/awt/IllegalComponentStateException java/lang/IllegalStateException
java/awt/IllegalComponentStateException serialVersionUID
java/awt/IllegalComponentStateException <init>()V
java/awt/IllegalComponentStateException <init>(Ljava/lang/String;)V
class java/awt/JobAttributes$DefaultSelectionType java/awt/AttributeValue
java/awt/JobAttributes$DefaultSelectionType I_ALL
java/awt/JobAttributes$DefaultSelectionType I_RANGE
java/awt/JobAttributes$DefaultSelectionType I_SELECTION
java/awt/JobAttributes$DefaultSelectionType NAMES
java/awt/JobAttributes$DefaultSelectionType ALL
java/awt/JobAttributes$DefaultSelectionType RANGE
java/awt/JobAttributes$DefaultSelectionType SELECTION
java/awt/JobAttributes$DefaultSelectionType <init>(I)V
java/awt/JobAttributes$DefaultSelectionType <clinit>()V
class java/awt/JobAttributes$DestinationType java/awt/AttributeValue
java/awt/JobAttributes$DestinationType I_FILE
java/awt/JobAttributes$DestinationType I_PRINTER
java/awt/JobAttributes$DestinationType
NAMES
java/awt/JobAttributes$DestinationType FILE
java/awt/JobAttributes$DestinationType PRINTER
java/awt/JobAttributes$DestinationType <init>(I)V
java/awt/JobAttributes$DestinationType <clinit>()V
class java/awt/JobAttributes$DialogType java/awt/AttributeValue
java/awt/JobAttributes$DialogType I_COMMON
java/awt/JobAttributes$DialogType I_NATIVE
java/awt/JobAttributes$DialogType I_NONE
java/awt/JobAttributes$DialogType NAMES
java/awt/JobAttributes$DialogType COMMON
java/awt/JobAttributes$DialogType NATIVE
java/awt/JobAttributes$DialogType NONE
java/awt/JobAttributes$DialogType <init>(I)V
java/awt/JobAttributes$DialogType <clinit>()V
class java/awt/JobAttributes$MultipleDocumentHandlingType java/awt/AttributeValue
java/awt/JobAttributes$MultipleDocumentHandlingType I_SEPARATE_DOCUMENTS_COLLATED_COPIES
java/awt/JobAttributes$MultipleDocumentHandlingType
I_SEPARATE_DOCUMENTS_UNCOLLATED_COPIES
java/awt/JobAttributes$MultipleDocumentHandlingType NAMES
java/awt/JobAttributes$MultipleDocumentHandlingType
SEPARATE_DOCUMENTS_COLLATED_COPIES
java/awt/JobAttributes$MultipleDocumentHandlingType SEPARATE_DOCUMENTS_UNCOLLATED_COPIES
java/awt/JobAttributes$MultipleDocumentHandlingType <init>(I)V
java/awt/JobAttributes$MultipleDocumentHandlingType <clinit>()V
class java/awt/JobAttributes$SidesType java/awt/AttributeValue
java/awt/JobAttributes$SidesType I_ONE_SIDED

java/awt/JobAttributes$SidesType I_TWO_SIDED_LONG_EDGE
java/awt/JobAttributes$SidesType I_TWO_SIDED_SHORT_EDGE
java/awt/JobAttributes$SidesType NAMES
java/awt/JobAttributes$SidesType ONE_SIDED
java/awt/JobAttributes$SidesType TWO_SIDED_LONG_EDGE
java/awt/JobAttributes$SidesType TWO_SIDED_SHORT_EDGE
java/awt/JobAttributes$SidesType <init>(I)V
java/awt/JobAttributes$SidesType <clinit>()V
class java/awt/KeyboardFocusManager$1 java/lang/Object
java/awt/KeyboardFocusManager$1 <init>()V
java/awt/KeyboardFocusManager$1 run()V
class java/awt/KeyboardFocusManager$2 java/lang/Object
java/awt/KeyboardFocusManager$2 $assertionsDisabled
java/awt/KeyboardFocusManager$2
<init>()V
java/awt/KeyboardFocusManager$2 run()Ljava/lang/Object;
java/awt/KeyboardFocusManager$2 <clinit>()V
class java/awt/Label$AccessibleAWTLabel java/awt/Component$AccessibleAWTComponent
java/awt/Label$AccessibleAWTLabel serialVersionUID
java/awt/Label$AccessibleAWTLabel this$0
java/awt/Label$AccessibleAWTLabel <init>(Ljava/awt/Label;)V
java/awt/Label$AccessibleAWTLabel getAccessibleName()Ljava/lang/String;
java/awt/Label$AccessibleAWTLabel getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/LightweightDispatcher$1 java/lang/Object
java/awt/LightweightDispatcher$1 this$0
java/awt/LightweightDispatcher$1 <init>(Ljava/awt/LightweightDispatcher;)V
java/awt/LightweightDispatcher$1 run()Ljava/lang/Object;
class java/awt/LightweightDispatcher$3 java/lang/Object
java/awt/LightweightDispatcher$3 val$mouseEvent
java/awt/LightweightDispatcher$3 val$ptSrcOrigin
java/awt/LightweightDispatcher$3 this$0
java/awt/LightweightDispatcher$3
<init>(Ljava/awt/LightweightDispatcher;Ljava/awt/event/MouseEvent;Ljava/awt/Point;)V
java/awt/LightweightDispatcher$3 run()V
class java/awt/List$AccessibleAWTList$AccessibleAWTListChild
java/awt/Component$AccessibleAWTComponent
java/awt/List$AccessibleAWTList$AccessibleAWTListChild serialVersionUID
java/awt/List$AccessibleAWTList$AccessibleAWTListChild parent
java/awt/List$AccessibleAWTList$AccessibleAWTListChild indexInParent
java/awt/List$AccessibleAWTList$AccessibleAWTListChild this$1
java/awt/List$AccessibleAWTList$AccessibleAWTListChild
<init>(Ljava/awt/List$AccessibleAWTList;Ljava/awt/List;I)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild
getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild
getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild
getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;

java/awt/List$AccessibleAWTList$AccessibleAWTListChild
 getLocale()Ljava/util/Locale;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getAccessibleIndexInParent()I
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getAccessibleChildrenCount()I
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getAccessibleChild(I)Ljavax/accessibility/Accessible;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getBackground()Ljava/awt/Color;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setBackground(Ljava/awt/Color;)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getForeground()Ljava/awt/Color;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setForeground(Ljava/awt/Color;)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getCursor()Ljava/awt/Cursor;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setCursor(Ljava/awt/Cursor;)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getFont()Ljava/awt/Font;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setFont(Ljava/awt/Font;)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild
 getFontMetrics(Ljava/awt/Font;)Ljava/awt/FontMetrics;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild isEnabled()Z
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setEnabled(Z)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild isVisible()Z
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setVisible(Z)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild isShowing()Z
java/awt/List$AccessibleAWTList$AccessibleAWTListChild contains(Ljava/awt/Point;)Z
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getLocationOnScreen()Ljava/awt/Point;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getLocation()Ljava/awt/Point;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setLocation(Ljava/awt/Point;)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild getBounds()Ljava/awt/Rectangle;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setBounds(Ljava/awt/Rectangle;)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild
 getSize()Ljava/awt/Dimension;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild setSize(Ljava/awt/Dimension;)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild
getAccessibleAt(Ljava/awt/Point;)Ljavax/accessibility/Accessible;
java/awt/List$AccessibleAWTList$AccessibleAWTListChild isFocusTraversable()Z
java/awt/List$AccessibleAWTList$AccessibleAWTListChild requestFocus()V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild addFocusListener(Ljava/awt/event/FocusListener;)V
java/awt/List$AccessibleAWTList$AccessibleAWTListChild
removeFocusListener(Ljava/awt/event/FocusListener;)V
class java/awt/List$AccessibleAWTList java/awt/Component$AccessibleAWTComponent
java/awt/List$AccessibleAWTList serialVersionUID
java/awt/List$AccessibleAWTList this$0
java/awt/List$AccessibleAWTList <init>(Ljava/awt/List;)V
java/awt/List$AccessibleAWTList actionPerformed(Ljava/awt/event/ActionEvent;)V
java/awt/List$AccessibleAWTList itemStateChanged(Ljava/awt/event/ItemEvent;)V
java/awt/List$AccessibleAWTList
 getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
java/awt/List$AccessibleAWTList getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/List$AccessibleAWTList getAccessibleAt(Ljava/awt/Point;)Ljavax/accessibility/Accessible;
java/awt/List$AccessibleAWTList getAccessibleChildrenCount()I
java/awt/List$AccessibleAWTList getAccessibleChild(I)Ljavax/accessibility/Accessible;

java/awt/List$AccessibleAWTList getAccessibleSelection()Ljavax/accessibility/AccessibleSelection;
java/awt/List$AccessibleAWTList getAccessibleSelectionCount()I
java/awt/List$AccessibleAWTList getAccessibleSelection(I)Ljavax/accessibility/Accessible;
java/awt/List$AccessibleAWTList isAccessibleChildSelected(I)Z
java/awt/List$AccessibleAWTList addAccessibleSelection(I)V
java/awt/List$AccessibleAWTList removeAccessibleSelection(I)V
java/awt/List$AccessibleAWTList clearAccessibleSelection()V
java/awt/List$AccessibleAWTList selectAllAccessibleSelection()V
class
 java/awt/List java/awt/Component
java/awt/List items
java/awt/List rows
java/awt/List multipleMode
java/awt/List selected
java/awt/List visibleIndex
java/awt/List actionListener
java/awt/List itemListener
java/awt/List base
java/awt/List nameCounter
java/awt/List serialVersionUID
java/awt/List DEFAULT_VISIBLE_ROWS
java/awt/List listSerializedDataVersion
java/awt/List <init>()V
java/awt/List <init>(I)V
java/awt/List <init>(IZ)V
java/awt/List constructComponentName()Ljava/lang/String;
java/awt/List addNotify()V
java/awt/List removeNotify()V
java/awt/List getItemCount()I
java/awt/List countItems()I
java/awt/List getItem(I)Ljava/lang/String;
java/awt/List getItemImpl(I)Ljava/lang/String;
java/awt/List getItems()[Ljava/lang/String;
java/awt/List add(Ljava/lang/String;)V
java/awt/List addItem(Ljava/lang/String;)V
java/awt/List add(Ljava/lang/String;I)V
java/awt/List addItem(Ljava/lang/String;I)V
java/awt/List replaceItem(Ljava/lang/String;I)V
java/awt/List removeAll()V
java/awt/List
 clear()V
java/awt/List remove(Ljava/lang/String;)V
java/awt/List remove(I)V
java/awt/List delItem(I)V
java/awt/List getSelectedIndex()I
java/awt/List getSelectedIndexes()[I
java/awt/List getSelectedItem()Ljava/lang/String;
java/awt/List getSelectedItems()[Ljava/lang/String;

java/awt/List getSelectedObjects()[Ljava/lang/Object;
java/awt/List select(I)V
java/awt/List deselect(I)V
java/awt/List isIndexSelected(I)Z
java/awt/List isSelected(I)Z
java/awt/List getRows()I
java/awt/List isMultipleMode()Z
java/awt/List allowsMultipleSelections()Z
java/awt/List setMultipleMode(Z)V
java/awt/List setMultipleSelections(Z)V
java/awt/List getVisibleIndex()I
java/awt/List makeVisible(I)V
java/awt/List getPreferredSize(I)Ljava/awt/Dimension;
java/awt/List preferredSize(I)Ljava/awt/Dimension;
java/awt/List getPreferredSize()Ljava/awt/Dimension;
java/awt/List preferredSize()Ljava/awt/Dimension;
java/awt/List getMinimumSize(I)Ljava/awt/Dimension;
java/awt/List minimumSize(I)Ljava/awt/Dimension;
java/awt/List
 getMinimumSize()Ljava/awt/Dimension;
java/awt/List minimumSize()Ljava/awt/Dimension;
java/awt/List addItemListener(Ljava/awt/event/ItemListener;)V
java/awt/List removeItemListener(Ljava/awt/event/ItemListener;)V
java/awt/List getItemListeners()[Ljava/awt/event/ItemListener;
java/awt/List addActionListener(Ljava/awt/event/ActionListener;)V
java/awt/List removeActionListener(Ljava/awt/event/ActionListener;)V
java/awt/List getActionListeners()[Ljava/awt/event/ActionListener;
java/awt/List getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/List eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/List processEvent(Ljava/awt/AWTEvent;)V
java/awt/List processItemEvent(Ljava/awt/event/ItemEvent;)V
java/awt/List processActionEvent(Ljava/awt/event/ActionEvent;)V
java/awt/List paramString()Ljava/lang/String;
java/awt/List delItems(II)V
java/awt/List writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/List readObject(Ljava/io/ObjectInputStream;)V
java/awt/List getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/List
 <clinit>()V
class java/awt/Menu$AccessibleAWTMenu java/awt/MenuItem$AccessibleAWTMenuItem
java/awt/Menu$AccessibleAWTMenu serialVersionUID
java/awt/Menu$AccessibleAWTMenu this$0
java/awt/Menu$AccessibleAWTMenu <init>(Ljava/awt/Menu;)V
java/awt/Menu$AccessibleAWTMenu getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/Menu java/awt/MenuItem
java/awt/Menu items
java/awt/Menu tearOff
java/awt/Menu isHelpMenu

java/awt/Menu base
java/awt/Menu nameCounter
java/awt/Menu serialVersionUID
java/awt/Menu menuSerializedDataVersion
java/awt/Menu <init>()V
java/awt/Menu <init>(Ljava/lang/String;)V
java/awt/Menu <init>(Ljava/lang/String;Z)V
java/awt/Menu constructComponentName()Ljava/lang/String;
java/awt/Menu addNotify()V
java/awt/Menu removeNotify()V
java/awt/Menu isTearOff()Z
java/awt/Menu getItemCount()I
java/awt/Menu countItems()I
java/awt/Menu countItemsImpl()I
java/awt/Menu getItem(I)Ljava/awt/MenuItem;
java/awt/Menu getItemImpl(I)Ljava/awt/MenuItem;
java/awt/Menu
add(Ljava/awt/MenuItem;)Ljava/awt/MenuItem;
java/awt/Menu add(Ljava/lang/String;)V
java/awt/Menu insert(Ljava/awt/MenuItem;I)V
java/awt/Menu insert(Ljava/lang/String;I)V
java/awt/Menu addSeparator()V
java/awt/Menu insertSeparator(I)V
java/awt/Menu remove(I)V
java/awt/Menu remove(Ljava/awt/MenuComponent;)V
java/awt/Menu removeAll()V
java/awt/Menu handleShortcut(Ljava/awt/event/KeyEvent;)Z
java/awt/Menu getShortcutMenuItem(Ljava/awt/MenuShortcut;)Ljava/awt/MenuItem;
java/awt/Menu shortcuts()Ljava/util/Enumeration;
java/awt/Menu deleteShortcut(Ljava/awt/MenuShortcut;)V
java/awt/Menu writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Menu readObject(Ljava/io/ObjectInputStream;)V
java/awt/Menu paramString()Ljava/lang/String;
java/awt/Menu initIDs()V
java/awt/Menu getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Menu getAccessibleChildIndex(Ljava/awt/MenuComponent;)I
java/awt/Menu <clinit>()V
class java/awt/MenuBar$AccessibleAWTMenuBar
java/awt/MenuComponent$AccessibleAWTMenuComponent
java/awt/MenuBar$AccessibleAWTMenuBar serialVersionUID
java/awt/MenuBar$AccessibleAWTMenuBar this$0
java/awt/MenuBar$AccessibleAWTMenuBar <init>(Ljava/awt/MenuBar;)V
java/awt/MenuBar$AccessibleAWTMenuBar getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/MenuComponent$AccessibleAWTMenuComponent javax/accessibility/AccessibleContext
java/awt/MenuComponent$AccessibleAWTMenuComponent serialVersionUID
java/awt/MenuComponent$AccessibleAWTMenuComponent this$0
java/awt/MenuComponent$AccessibleAWTMenuComponent <init>(Ljava/awt/MenuComponent;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent

getAccessibleSelection()Ljavax/accessibility/AccessibleSelection;
java/awt/MenuComponent$AccessibleAWTMenuComponent getAccessibleName()Ljava/lang/String;
java/awt/MenuComponent$AccessibleAWTMenuComponent getAccessibleDescription()Ljava/lang/String;
java/awt/MenuComponent$AccessibleAWTMenuComponent
getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/MenuComponent$AccessibleAWTMenuComponent
getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
java/awt/MenuComponent$AccessibleAWTMenuComponent getAccessibleParent()Ljavax/accessibility/Accessible;
java/awt/MenuComponent$AccessibleAWTMenuComponent getAccessibleIndexInParent()I
java/awt/MenuComponent$AccessibleAWTMenuComponent getAccessibleChildrenCount()I
java/awt/MenuComponent$AccessibleAWTMenuComponent getAccessibleChild(I)Ljavax/accessibility/Accessible;
java/awt/MenuComponent$AccessibleAWTMenuComponent getLocale()Ljava/util/Locale;
java/awt/MenuComponent$AccessibleAWTMenuComponent
getAccessibleComponent()Ljavax/accessibility/AccessibleComponent;
java/awt/MenuComponent$AccessibleAWTMenuComponent getBackground()Ljava/awt/Color;
java/awt/MenuComponent$AccessibleAWTMenuComponent setBackground(Ljava/awt/Color;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent getForeground()Ljava/awt/Color;
java/awt/MenuComponent$AccessibleAWTMenuComponent
setForeground(Ljava/awt/Color;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent getCursor()Ljava/awt/Cursor;
java/awt/MenuComponent$AccessibleAWTMenuComponent setCursor(Ljava/awt/Cursor;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent getFont()Ljava/awt/Font;
java/awt/MenuComponent$AccessibleAWTMenuComponent setFont(Ljava/awt/Font;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent
getFontMetrics(Ljava/awt/Font;)Ljava/awt/FontMetrics;
java/awt/MenuComponent$AccessibleAWTMenuComponent isEnabled()Z
java/awt/MenuComponent$AccessibleAWTMenuComponent setEnabled(Z)V
java/awt/MenuComponent$AccessibleAWTMenuComponent isVisible()Z
java/awt/MenuComponent$AccessibleAWTMenuComponent setVisible(Z)V
java/awt/MenuComponent$AccessibleAWTMenuComponent isShowing()Z
java/awt/MenuComponent$AccessibleAWTMenuComponent contains(Ljava/awt/Point;)Z
java/awt/MenuComponent$AccessibleAWTMenuComponent getLocationOnScreen()Ljava/awt/Point;
java/awt/MenuComponent$AccessibleAWTMenuComponent getLocation()Ljava/awt/Point;
java/awt/MenuComponent$AccessibleAWTMenuComponent
setLocation(Ljava/awt/Point;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent getBounds()Ljava/awt/Rectangle;
java/awt/MenuComponent$AccessibleAWTMenuComponent setBounds(Ljava/awt/Rectangle;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent getSize()Ljava/awt/Dimension;
java/awt/MenuComponent$AccessibleAWTMenuComponent setSize(Ljava/awt/Dimension;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent
getAccessibleAt(Ljava/awt/Point;)Ljavax/accessibility/Accessible;
java/awt/MenuComponent$AccessibleAWTMenuComponent isFocusTraversable()Z
java/awt/MenuComponent$AccessibleAWTMenuComponent requestFocus()V
java/awt/MenuComponent$AccessibleAWTMenuComponent addFocusListener(Ljava/awt/event/FocusListener;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent
removeFocusListener(Ljava/awt/event/FocusListener;)V
java/awt/MenuComponent$AccessibleAWTMenuComponent getAccessibleSelectionCount()I
java/awt/MenuComponent$AccessibleAWTMenuComponent

getAccessibleSelection(I)Ljavax/accessibility/Accessible;
java/awt/MenuComponent$AccessibleAWTMenuComponent isAccessibleChildSelected(I)Z
java/awt/MenuComponent$AccessibleAWTMenuComponent addAccessibleSelection(I)V
java/awt/MenuComponent$AccessibleAWTMenuComponent removeAccessibleSelection(I)V
java/awt/MenuComponent$AccessibleAWTMenuComponent clearAccessibleSelection()V
java/awt/MenuComponent$AccessibleAWTMenuComponent selectAllAccessibleSelection()V
class java/awt/MenuItem$AccessibleAWTMenuItem java/awt/MenuComponent$AccessibleAWTMenuComponent
java/awt/MenuItem$AccessibleAWTMenuItem serialVersionUID
java/awt/MenuItem$AccessibleAWTMenuItem this$0
java/awt/MenuItem$AccessibleAWTMenuItem <init>(Ljava/awt/MenuItem;)V
java/awt/MenuItem$AccessibleAWTMenuItem getAccessibleName()Ljava/lang/String;
java/awt/MenuItem$AccessibleAWTMenuItem getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/MenuItem$AccessibleAWTMenuItem getAccessibleAction()Ljavax/accessibility/AccessibleAction;
java/awt/MenuItem$AccessibleAWTMenuItem
getAccessibleValue()Ljavax/accessibility/AccessibleValue;
java/awt/MenuItem$AccessibleAWTMenuItem getAccessibleActionCount()I
java/awt/MenuItem$AccessibleAWTMenuItem getAccessibleActionDescription(I)Ljava/lang/String;
java/awt/MenuItem$AccessibleAWTMenuItem doAccessibleAction(I)Z
java/awt/MenuItem$AccessibleAWTMenuItem getCurrentAccessibleValue()Ljava/lang/Number;
java/awt/MenuItem$AccessibleAWTMenuItem setCurrentAccessibleValue(Ljava/lang/Number;)Z
java/awt/MenuItem$AccessibleAWTMenuItem getMinimumAccessibleValue()Ljava/lang/Number;
java/awt/MenuItem$AccessibleAWTMenuItem getMaximumAccessibleValue()Ljava/lang/Number;
class java/awt/MenuItem java/awt/MenuComponent
java/awt/MenuItem enabled
java/awt/MenuItem label
java/awt/MenuItem actionCommand
java/awt/MenuItem eventMask
java/awt/MenuItem actionListener
java/awt/MenuItem shortcut
java/awt/MenuItem base
java/awt/MenuItem nameCounter
java/awt/MenuItem serialVersionUID
java/awt/MenuItem menuItemSerializedDataVersion
java/awt/MenuItem
<init>()V
java/awt/MenuItem <init>(Ljava/lang/String;)V
java/awt/MenuItem <init>(Ljava/lang/String;Ljava/awt/MenuShortcut;)V
java/awt/MenuItem constructComponentName()Ljava/lang/String;
java/awt/MenuItem addNotify()V
java/awt/MenuItem getLabel()Ljava/lang/String;
java/awt/MenuItem setLabel(Ljava/lang/String;)V
java/awt/MenuItem isEnabled()Z
java/awt/MenuItem setEnabled(Z)V
java/awt/MenuItem enable()V
java/awt/MenuItem enable(Z)V
java/awt/MenuItem disable()V
java/awt/MenuItem getShortcut()Ljava/awt/MenuShortcut;
java/awt/MenuItem setShortcut(Ljava/awt/MenuShortcut;)V

java/awt/MenuItem deleteShortcut()V
java/awt/MenuItem deleteShortcut(Ljava/awt/MenuShortcut;)V
java/awt/MenuItem doMenuEvent(JI)V
java/awt/MenuItem handleShortcut(Ljava/awt/event/KeyEvent;)Z
java/awt/MenuItem getShortcutMenuItem(Ljava/awt/MenuShortcut;)Ljava/awt/MenuItem;
java/awt/MenuItem enableEvents(J)V
java/awt/MenuItem disableEvents(J)V
java/awt/MenuItem setActionCommand(Ljava/lang/String;)V
java/awt/MenuItem
 getActionCommand()Ljava/lang/String;
java/awt/MenuItem getActionCommandImpl()Ljava/lang/String;
java/awt/MenuItem addActionListener(Ljava/awt/event/ActionListener;)V
java/awt/MenuItem removeActionListener(Ljava/awt/event/ActionListener;)V
java/awt/MenuItem getActionListeners()[Ljava/awt/event/ActionListener;
java/awt/MenuItem getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/MenuItem processEvent(Ljava/awt/AWTEvent;)V
java/awt/MenuItem eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/MenuItem processActionEvent(Ljava/awt/event/ActionEvent;)V
java/awt/MenuItem paramString()Ljava/lang/String;
java/awt/MenuItem writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/MenuItem readObject(Ljava/io/ObjectInputStream;)V
java/awt/MenuItem initIDs()V
java/awt/MenuItem getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/MenuItem <clinit>()V
class java/awt/MenuShortcut java/lang/Object
java/awt/MenuShortcut key
java/awt/MenuShortcut usesShift
java/awt/MenuShortcut
 serialVersionUID
java/awt/MenuShortcut <init>(I)V
java/awt/MenuShortcut <init>(IZ)V
java/awt/MenuShortcut getKey()I
java/awt/MenuShortcut usesShiftModifier()Z
java/awt/MenuShortcut equals(Ljava/awt/MenuShortcut;)Z
java/awt/MenuShortcut equals(Ljava/lang/Object;)Z
java/awt/MenuShortcut hashCode()I
java/awt/MenuShortcut toString()Ljava/lang/String;
java/awt/MenuShortcut paramString()Ljava/lang/String;
class java/awt/MouseInfo java/lang/Object
java/awt/MouseInfo $assertionsDisabled
java/awt/MouseInfo <init>()V
java/awt/MouseInfo getPointerInfo()Ljava/awt/PointerInfo;
java/awt/MouseInfo areScreenDevicesIndependent([Ljava/awt/GraphicsDevice;)Z
java/awt/MouseInfo getNumberOfButtons()I
java/awt/MouseInfo <clinit>()V
class java/awt/PageAttributes$ColorType java/awt/AttributeValue
java/awt/PageAttributes$ColorType I_COLOR
java/awt/PageAttributes$ColorType I_MONOCHROME

java/awt/PageAttributes$ColorType NAMES
java/awt/PageAttributes$ColorType COLOR
java/awt/PageAttributes$ColorType
MONOCHROME
java/awt/PageAttributes$ColorType <init>(I)V
java/awt/PageAttributes$ColorType <clinit>()V
class java/awt/PageAttributes$MediaType java/awt/AttributeValue
java/awt/PageAttributes$MediaType I_ISO_4A0
java/awt/PageAttributes$MediaType I_ISO_2A0
java/awt/PageAttributes$MediaType I_ISO_A0
java/awt/PageAttributes$MediaType I_ISO_A1
java/awt/PageAttributes$MediaType I_ISO_A2
java/awt/PageAttributes$MediaType I_ISO_A3
java/awt/PageAttributes$MediaType I_ISO_A4
java/awt/PageAttributes$MediaType I_ISO_A5
java/awt/PageAttributes$MediaType I_ISO_A6
java/awt/PageAttributes$MediaType I_ISO_A7
java/awt/PageAttributes$MediaType I_ISO_A8
java/awt/PageAttributes$MediaType I_ISO_A9
java/awt/PageAttributes$MediaType I_ISO_A10
java/awt/PageAttributes$MediaType I_ISO_B0
java/awt/PageAttributes$MediaType I_ISO_B1
java/awt/PageAttributes$MediaType I_ISO_B2
java/awt/PageAttributes$MediaType I_ISO_B3
java/awt/PageAttributes$MediaType I_ISO_B4
java/awt/PageAttributes$MediaType I_ISO_B5
java/awt/PageAttributes$MediaType
I_ISO_B6
java/awt/PageAttributes$MediaType I_ISO_B7
java/awt/PageAttributes$MediaType I_ISO_B8
java/awt/PageAttributes$MediaType I_ISO_B9
java/awt/PageAttributes$MediaType I_ISO_B10
java/awt/PageAttributes$MediaType I_JIS_B0
java/awt/PageAttributes$MediaType I_JIS_B1
java/awt/PageAttributes$MediaType I_JIS_B2
java/awt/PageAttributes$MediaType I_JIS_B3
java/awt/PageAttributes$MediaType I_JIS_B4
java/awt/PageAttributes$MediaType I_JIS_B5
java/awt/PageAttributes$MediaType I_JIS_B6
java/awt/PageAttributes$MediaType I_JIS_B7
java/awt/PageAttributes$MediaType I_JIS_B8
java/awt/PageAttributes$MediaType I_JIS_B9
java/awt/PageAttributes$MediaType I_JIS_B10
java/awt/PageAttributes$MediaType I_ISO_C0
java/awt/PageAttributes$MediaType I_ISO_C1
java/awt/PageAttributes$MediaType I_ISO_C2
java/awt/PageAttributes$MediaType I_ISO_C3
java/awt/PageAttributes$MediaType I_ISO_C4

java/awt/PageAttributes$MediaType I_ISO_C5
java/awt/PageAttributes$MediaType I_ISO_C6
java/awt/PageAttributes$MediaType
I_ISO_C7
java/awt/PageAttributes$MediaType I_ISO_C8
java/awt/PageAttributes$MediaType I_ISO_C9
java/awt/PageAttributes$MediaType I_ISO_C10
java/awt/PageAttributes$MediaType I_ISO_DESIGNATED_LONG
java/awt/PageAttributes$MediaType I_EXECUTIVE
java/awt/PageAttributes$MediaType I_FOLIO
java/awt/PageAttributes$MediaType I_INVOICE
java/awt/PageAttributes$MediaType I_LEDGER
java/awt/PageAttributes$MediaType I_NA_LETTER
java/awt/PageAttributes$MediaType I_NA_LEGAL
java/awt/PageAttributes$MediaType I_QUARTO
java/awt/PageAttributes$MediaType I_A
java/awt/PageAttributes$MediaType I_B
java/awt/PageAttributes$MediaType I_C
java/awt/PageAttributes$MediaType I_D
java/awt/PageAttributes$MediaType I_E
java/awt/PageAttributes$MediaType I_NA_10X15_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_10X14_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_10X13_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_9X12_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_9X11_ENVELOPE
java/awt/PageAttributes$MediaType
I_NA_7X9_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_6X9_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_NUMBER_9_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_NUMBER_10_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_NUMBER_11_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_NUMBER_12_ENVELOPE
java/awt/PageAttributes$MediaType I_NA_NUMBER_14_ENVELOPE
java/awt/PageAttributes$MediaType I_INVITE_ENVELOPE
java/awt/PageAttributes$MediaType I_ITALY_ENVELOPE
java/awt/PageAttributes$MediaType I_MONARCH_ENVELOPE
java/awt/PageAttributes$MediaType I_PERSONAL_ENVELOPE
java/awt/PageAttributes$MediaType NAMES
java/awt/PageAttributes$MediaType ISO_4A0
java/awt/PageAttributes$MediaType ISO_2A0
java/awt/PageAttributes$MediaType ISO_A0
java/awt/PageAttributes$MediaType ISO_A1
java/awt/PageAttributes$MediaType ISO_A2
java/awt/PageAttributes$MediaType ISO_A3
java/awt/PageAttributes$MediaType ISO_A4
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ISO_A7
java/awt/PageAttributes$MediaType ISO_A8
java/awt/PageAttributes$MediaType ISO_A9
java/awt/PageAttributes$MediaType ISO_A10
java/awt/PageAttributes$MediaType ISO_B0
java/awt/PageAttributes$MediaType ISO_B1
java/awt/PageAttributes$MediaType ISO_B2
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java/awt/PageAttributes$MediaType ISO_B9
java/awt/PageAttributes$MediaType ISO_B10
java/awt/PageAttributes$MediaType JIS_B0
java/awt/PageAttributes$MediaType JIS_B1
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java/awt/PageAttributes$MediaType JIS_B5
java/awt/PageAttributes$MediaType JIS_B6
java/awt/PageAttributes$MediaType JIS_B7
java/awt/PageAttributes$MediaType JIS_B8
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JIS_B9
java/awt/PageAttributes$MediaType JIS_B10
java/awt/PageAttributes$MediaType ISO_C0
java/awt/PageAttributes$MediaType ISO_C1
java/awt/PageAttributes$MediaType ISO_C2
java/awt/PageAttributes$MediaType ISO_C3
java/awt/PageAttributes$MediaType ISO_C4
java/awt/PageAttributes$MediaType ISO_C5
java/awt/PageAttributes$MediaType ISO_C6
java/awt/PageAttributes$MediaType ISO_C7
java/awt/PageAttributes$MediaType ISO_C8
java/awt/PageAttributes$MediaType ISO_C9
java/awt/PageAttributes$MediaType ISO_C10
java/awt/PageAttributes$MediaType ISO_DESIGNATED_LONG
java/awt/PageAttributes$MediaType EXECUTIVE
java/awt/PageAttributes$MediaType FOLIO
java/awt/PageAttributes$MediaType INVOICE
java/awt/PageAttributes$MediaType LEDGER
java/awt/PageAttributes$MediaType NA_LETTER
java/awt/PageAttributes$MediaType NA_LEGAL
java/awt/PageAttributes$MediaType QUARTO
java/awt/PageAttributes$MediaType A
java/awt/PageAttributes$MediaType B

java/awt/PageAttributes$MediaType C
java/awt/PageAttributes$MediaType
D
java/awt/PageAttributes$MediaType E
java/awt/PageAttributes$MediaType NA_10X15_ENVELOPE
java/awt/PageAttributes$MediaType NA_10X14_ENVELOPE
java/awt/PageAttributes$MediaType NA_10X13_ENVELOPE
java/awt/PageAttributes$MediaType NA_9X12_ENVELOPE
java/awt/PageAttributes$MediaType NA_9X11_ENVELOPE
java/awt/PageAttributes$MediaType NA_7X9_ENVELOPE
java/awt/PageAttributes$MediaType NA_6X9_ENVELOPE
java/awt/PageAttributes$MediaType NA_NUMBER_9_ENVELOPE
java/awt/PageAttributes$MediaType NA_NUMBER_10_ENVELOPE
java/awt/PageAttributes$MediaType NA_NUMBER_11_ENVELOPE
java/awt/PageAttributes$MediaType NA_NUMBER_12_ENVELOPE
java/awt/PageAttributes$MediaType NA_NUMBER_14_ENVELOPE
java/awt/PageAttributes$MediaType INVITE_ENVELOPE
java/awt/PageAttributes$MediaType ITALY_ENVELOPE
java/awt/PageAttributes$MediaType MONARCH_ENVELOPE
java/awt/PageAttributes$MediaType PERSONAL_ENVELOPE
java/awt/PageAttributes$MediaType A0
java/awt/PageAttributes$MediaType A1
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java/awt/PageAttributes$MediaType A4
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java/awt/PageAttributes$MediaType A9
java/awt/PageAttributes$MediaType A10
java/awt/PageAttributes$MediaType B0
java/awt/PageAttributes$MediaType B1
java/awt/PageAttributes$MediaType B2
java/awt/PageAttributes$MediaType B3
java/awt/PageAttributes$MediaType B4
java/awt/PageAttributes$MediaType ISO_B4_ENVELOPE
java/awt/PageAttributes$MediaType B5
java/awt/PageAttributes$MediaType ISO_B5_ENVELOPE
java/awt/PageAttributes$MediaType B6
java/awt/PageAttributes$MediaType B7
java/awt/PageAttributes$MediaType B8
java/awt/PageAttributes$MediaType B9
java/awt/PageAttributes$MediaType B10
java/awt/PageAttributes$MediaType C0
java/awt/PageAttributes$MediaType ISO_C0_ENVELOPE
java/awt/PageAttributes$MediaType C1

java/awt/PageAttributes$MediaType ISO_C1_ENVELOPE
java/awt/PageAttributes$MediaType
C2
java/awt/PageAttributes$MediaType ISO_C2_ENVELOPE
java/awt/PageAttributes$MediaType C3
java/awt/PageAttributes$MediaType ISO_C3_ENVELOPE
java/awt/PageAttributes$MediaType C4
java/awt/PageAttributes$MediaType ISO_C4_ENVELOPE
java/awt/PageAttributes$MediaType C5
java/awt/PageAttributes$MediaType ISO_C5_ENVELOPE
java/awt/PageAttributes$MediaType C6
java/awt/PageAttributes$MediaType ISO_C6_ENVELOPE
java/awt/PageAttributes$MediaType C7
java/awt/PageAttributes$MediaType ISO_C7_ENVELOPE
java/awt/PageAttributes$MediaType C8
java/awt/PageAttributes$MediaType ISO_C8_ENVELOPE
java/awt/PageAttributes$MediaType C9
java/awt/PageAttributes$MediaType ISO_C9_ENVELOPE
java/awt/PageAttributes$MediaType C10
java/awt/PageAttributes$MediaType ISO_C10_ENVELOPE
java/awt/PageAttributes$MediaType ISO_DESIGNATED_LONG_ENVELOPE
java/awt/PageAttributes$MediaType STATEMENT
java/awt/PageAttributes$MediaType TABLOID
java/awt/PageAttributes$MediaType LETTER
java/awt/PageAttributes$MediaType NOTE
java/awt/PageAttributes$MediaType
LEGAL
java/awt/PageAttributes$MediaType ENV_10X15
java/awt/PageAttributes$MediaType ENV_10X14
java/awt/PageAttributes$MediaType ENV_10X13
java/awt/PageAttributes$MediaType ENV_9X12
java/awt/PageAttributes$MediaType ENV_9X11
java/awt/PageAttributes$MediaType ENV_7X9
java/awt/PageAttributes$MediaType ENV_6X9
java/awt/PageAttributes$MediaType ENV_9
java/awt/PageAttributes$MediaType ENV_10
java/awt/PageAttributes$MediaType ENV_11
java/awt/PageAttributes$MediaType ENV_12
java/awt/PageAttributes$MediaType ENV_14
java/awt/PageAttributes$MediaType ENV_INVITE
java/awt/PageAttributes$MediaType ENV_ITALY
java/awt/PageAttributes$MediaType ENV_MONARCH
java/awt/PageAttributes$MediaType ENV_PERSONAL
java/awt/PageAttributes$MediaType INVITE
java/awt/PageAttributes$MediaType ITALY
java/awt/PageAttributes$MediaType MONARCH
java/awt/PageAttributes$MediaType PERSONAL
java/awt/PageAttributes$MediaType <init>(I)V

java/awt/PageAttributes$MediaType <clinit>()V
class java/awt/PageAttributes$OrientationRequestedType
 java/awt/AttributeValue
java/awt/PageAttributes$OrientationRequestedType I_PORTRAIT
java/awt/PageAttributes$OrientationRequestedType I_LANDSCAPE
java/awt/PageAttributes$OrientationRequestedType NAMES
java/awt/PageAttributes$OrientationRequestedType PORTRAIT
java/awt/PageAttributes$OrientationRequestedType LANDSCAPE
java/awt/PageAttributes$OrientationRequestedType <init>(I)V
java/awt/PageAttributes$OrientationRequestedType <clinit>()V
class java/awt/PageAttributes$OriginType java/awt/AttributeValue
java/awt/PageAttributes$OriginType I_PHYSICAL
java/awt/PageAttributes$OriginType I_PRINTABLE
java/awt/PageAttributes$OriginType NAMES
java/awt/PageAttributes$OriginType PHYSICAL
java/awt/PageAttributes$OriginType PRINTABLE
java/awt/PageAttributes$OriginType <init>(I)V
java/awt/PageAttributes$OriginType <clinit>()V
class java/awt/PageAttributes$PrintQualityType java/awt/AttributeValue
java/awt/PageAttributes$PrintQualityType I_HIGH
java/awt/PageAttributes$PrintQualityType
 I_NORMAL
java/awt/PageAttributes$PrintQualityType I_DRAFT
java/awt/PageAttributes$PrintQualityType NAMES
java/awt/PageAttributes$PrintQualityType HIGH
java/awt/PageAttributes$PrintQualityType NORMAL
java/awt/PageAttributes$PrintQualityType DRAFT
java/awt/PageAttributes$PrintQualityType <init>(I)V
java/awt/PageAttributes$PrintQualityType <clinit>()V
class java/awt/PaintContext java/lang/Object
java/awt/PaintContext dispose()V
java/awt/PaintContext getColorModel()Ljava/awt/image/ColorModel;
java/awt/PaintContext getRaster(IIII)Ljava/awt/image/Raster;
class java/awt/Panel$AccessibleAWTPanel java/awt/Container$AccessibleAWTContainer
java/awt/Panel$AccessibleAWTPanel serialVersionUID
java/awt/Panel$AccessibleAWTPanel this$0
java/awt/Panel$AccessibleAWTPanel <init>(Ljava/awt/Panel;)V
java/awt/Panel$AccessibleAWTPanel getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/PeerFixer java/lang/Object
java/awt/PeerFixer scroller
java/awt/PeerFixer <init>(Ljava/awt/ScrollPane;)V
java/awt/PeerFixer
 adjustmentValueChanged(Ljava/awt/event/AdjustmentEvent;)V
class java/awt/PointerInfo java/lang/Object
java/awt/PointerInfo device
java/awt/PointerInfo location
java/awt/PointerInfo <init>(Ljava/awt/GraphicsDevice;Ljava/awt/Point;)V
java/awt/PointerInfo getDevice()Ljava/awt/GraphicsDevice;

java/awt/PointerInfo getLocation()Ljava/awt/Point;
class java/awt/Polygon$PolygonPathIterator java/lang/Object
java/awt/Polygon$PolygonPathIterator poly
java/awt/Polygon$PolygonPathIterator transform
java/awt/Polygon$PolygonPathIterator index
java/awt/Polygon$PolygonPathIterator this$0
java/awt/Polygon$PolygonPathIterator
<init>(Ljava/awt/Polygon;Ljava/awt/Polygon;Ljava/awt/geom/AffineTransform;)V
java/awt/Polygon$PolygonPathIterator getWindingRule()I
java/awt/Polygon$PolygonPathIterator isDone()Z
java/awt/Polygon$PolygonPathIterator next()V
java/awt/Polygon$PolygonPathIterator currentSegment([F)I
java/awt/Polygon$PolygonPathIterator currentSegment([D)I
class java/awt/Polygon
java/lang/Object
java/awt/Polygon npoints
java/awt/Polygon xpoints
java/awt/Polygon ypoints
java/awt/Polygon bounds
java/awt/Polygon serialVersionUID
java/awt/Polygon <init>()V
java/awt/Polygon <init>([I[II)V
java/awt/Polygon reset()V
java/awt/Polygon invalidate()V
java/awt/Polygon translate(II)V
java/awt/Polygon calculateBounds([I[II)V
java/awt/Polygon updateBounds(II)V
java/awt/Polygon addPoint(II)V
java/awt/Polygon getBounds()Ljava/awt/Rectangle;
java/awt/Polygon getBoundingBox()Ljava/awt/Rectangle;
java/awt/Polygon contains(Ljava/awt/Point;)Z
java/awt/Polygon contains(II)Z
java/awt/Polygon inside(II)Z
java/awt/Polygon getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/Polygon contains(DD)Z
java/awt/Polygon getCrossings(DDDD)Lsun/awt/geom/Crossings;
java/awt/Polygon contains(Ljava/awt/geom/Point2D;)Z
java/awt/Polygon intersects(DDDD)Z
java/awt/Polygon intersects(Ljava/awt/geom/Rectangle2D;)Z
java/awt/Polygon contains(DDDD)Z
java/awt/Polygon contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/Polygon
getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
java/awt/Polygon getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
class java/awt/PopupMenu$AccessibleAWTPopupMenu java/awt/Menu$AccessibleAWTMenu
java/awt/PopupMenu$AccessibleAWTPopupMenu serialVersionUID
java/awt/PopupMenu$AccessibleAWTPopupMenu this$0
java/awt/PopupMenu$AccessibleAWTPopupMenu <init>(Ljava/awt/PopupMenu;)V

java/awt/PopupMenu$AccessibleAWTPopupMenu getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/PopupMenu java/awt/Menu
java/awt/PopupMenu base
java/awt/PopupMenu nameCounter
java/awt/PopupMenu serialVersionUID
java/awt/PopupMenu <init>()V
java/awt/PopupMenu <init>(Ljava/lang/String;)V
java/awt/PopupMenu constructComponentName()Ljava/lang/String;
java/awt/PopupMenu addNotify()V
java/awt/PopupMenu show(Ljava/awt/Component;II)V
java/awt/PopupMenu getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/PopupMenu <clinit>()V
class
java/awt/Robot$1 java/lang/Object
java/awt/Robot$1 this$0
java/awt/Robot$1 <init>(Ljava/awt/Robot;)V
java/awt/Robot$1 run()V
class java/awt/Robot java/lang/Object
java/awt/Robot MAX_DELAY
java/awt/Robot peer
java/awt/Robot isAutoWaitForIdle
java/awt/Robot autoDelay
java/awt/Robot LEGAL_BUTTON_MASK
java/awt/Robot screenCapCM
java/awt/Robot <init>()V
java/awt/Robot <init>(Ljava/awt/GraphicsDevice;)V
java/awt/Robot init(Ljava/awt/GraphicsDevice;)V
java/awt/Robot checkRobotAllowed()V
java/awt/Robot checkIsScreenDevice(Ljava/awt/GraphicsDevice;)V
java/awt/Robot mouseMove(II)V
java/awt/Robot mousePress(I)V
java/awt/Robot mouseRelease(I)V
java/awt/Robot checkButtonsArgument(I)V
java/awt/Robot mouseWheel(I)V
java/awt/Robot keyPress(I)V
java/awt/Robot keyRelease(I)V
java/awt/Robot checkKeycodeArgument(I)V
java/awt/Robot getPixelColor(II)Ljava/awt/Color;
java/awt/Robot createScreenCapture(Ljava/awt/Rectangle;)Ljava/awt/image/BufferedImage;
java/awt/Robot checkValidRect(Ljava/awt/Rectangle;)V
java/awt/Robot
checkScreenCaptureAllowed()V
java/awt/Robot afterEvent()V
java/awt/Robot isAutoWaitForIdle()Z
java/awt/Robot setAutoWaitForIdle(Z)V
java/awt/Robot autoWaitForIdle()V
java/awt/Robot getAutoDelay()I
java/awt/Robot setAutoDelay(I)V

java/awt/Robot autoDelay()V
java/awt/Robot delay(I)V
java/awt/Robot checkDelayArgument(I)V
java/awt/Robot waitForIdle()V
java/awt/Robot checkNotDispatchThread()V
java/awt/Robot toString()Ljava/lang/String;
class java/awt/ScrollPane$AccessibleAWTScrollPane java/awt/Container$AccessibleAWTContainer
java/awt/ScrollPane$AccessibleAWTScrollPane serialVersionUID
java/awt/ScrollPane$AccessibleAWTScrollPane this$0
java/awt/ScrollPane$AccessibleAWTScrollPane <init>(Ljava/awt/ScrollPane;)V
java/awt/ScrollPane$AccessibleAWTScrollPane getAccessibleRole()Ljavax/accessibility/AccessibleRole;
class java/awt/ScrollPane$PeerFixer java/lang/Object
java/awt/ScrollPane$PeerFixer serialVersionUID
java/awt/ScrollPane$PeerFixer scroller
java/awt/ScrollPane$PeerFixer
 this$0
java/awt/ScrollPane$PeerFixer <init>(Ljava/awt/ScrollPane;Ljava/awt/ScrollPane;)V
java/awt/ScrollPane$PeerFixer adjustmentValueChanged(Ljava/awt/event/AdjustmentEvent;)V
class java/awt/ScrollPane java/awt/Container
java/awt/ScrollPane SCROLLBARS_AS_NEEDED
java/awt/ScrollPane SCROLLBARS_ALWAYS
java/awt/ScrollPane SCROLLBARS_NEVER
java/awt/ScrollPane scrollbarDisplayPolicy
java/awt/ScrollPane vAdjustable
java/awt/ScrollPane hAdjustable
java/awt/ScrollPane base
java/awt/ScrollPane nameCounter
java/awt/ScrollPane defaultWheelScroll
java/awt/ScrollPane wheelScrollingEnabled
java/awt/ScrollPane serialVersionUID
java/awt/ScrollPane initIDs()V
java/awt/ScrollPane <init>()V
java/awt/ScrollPane <init>(I)V
java/awt/ScrollPane constructComponentName()Ljava/lang/String;
java/awt/ScrollPane addToPanel(Ljava/awt/Component;Ljava/lang/Object;I)V
java/awt/ScrollPane addImpl(Ljava/awt/Component;Ljava/lang/Object;I)V
java/awt/ScrollPane getScrollbarDisplayPolicy()I
java/awt/ScrollPane getViewportSize()Ljava/awt/Dimension;
java/awt/ScrollPane
 getHScrollbarHeight()I
java/awt/ScrollPane getVScrollbarWidth()I
java/awt/ScrollPane getVAdjustable()Ljava/awt/Adjustable;
java/awt/ScrollPane getHAdjustable()Ljava/awt/Adjustable;
java/awt/ScrollPane setScrollPosition(II)V
java/awt/ScrollPane setScrollPosition(Ljava/awt/Point;)V
java/awt/ScrollPane getScrollPosition()Ljava/awt/Point;
java/awt/ScrollPane setLayout(Ljava/awt/LayoutManager;)V
java/awt/ScrollPane doLayout()V

java/awt/ScrollPane calculateChildSize()Ljava/awt/Dimension;
java/awt/ScrollPane layout()V
java/awt/ScrollPane printComponents(Ljava/awt/Graphics;)V
java/awt/ScrollPane addNotify()V
java/awt/ScrollPane paramString()Ljava/lang/String;
java/awt/ScrollPane autoProcessMouseWheel(Ljava/awt/event/MouseWheelEvent;)V
java/awt/ScrollPane processMouseWheelEvent(Ljava/awt/event/MouseWheelEvent;)V
java/awt/ScrollPane eventTypeEnabled(I)Z
java/awt/ScrollPane setWheelScrollingEnabled(Z)V
java/awt/ScrollPane isWheelScrollingEnabled()Z
java/awt/ScrollPane
writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/ScrollPane readObject(Ljava/io/ObjectInputStream;)V
java/awt/ScrollPane getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/ScrollPane <clinit>()V
class java/awt/ScrollPaneAdjustable java/lang/Object
java/awt/ScrollPaneAdjustable sp
java/awt/ScrollPaneAdjustable orientation
java/awt/ScrollPaneAdjustable value
java/awt/ScrollPaneAdjustable minimum
java/awt/ScrollPaneAdjustable maximum
java/awt/ScrollPaneAdjustable visibleAmount
java/awt/ScrollPaneAdjustable isAdjusting
java/awt/ScrollPaneAdjustable unitIncrement
java/awt/ScrollPaneAdjustable blockIncrement
java/awt/ScrollPaneAdjustable adjustmentListener
java/awt/ScrollPaneAdjustable SCROLLPANE_ONLY
java/awt/ScrollPaneAdjustable serialVersionUID
java/awt/ScrollPaneAdjustable initIDs()V
java/awt/ScrollPaneAdjustable <init>(Ljava/awt/ScrollPane;Ljava/awt/event/AdjustmentListener;I)V
java/awt/ScrollPaneAdjustable setSpan(III)V
java/awt/ScrollPaneAdjustable
getOrientation()I
java/awt/ScrollPaneAdjustable setMinimum(I)V
java/awt/ScrollPaneAdjustable getMinimum()I
java/awt/ScrollPaneAdjustable setMaximum(I)V
java/awt/ScrollPaneAdjustable getMaximum()I
java/awt/ScrollPaneAdjustable setUnitIncrement(I)V
java/awt/ScrollPaneAdjustable getUnitIncrement()I
java/awt/ScrollPaneAdjustable setBlockIncrement(I)V
java/awt/ScrollPaneAdjustable getBlockIncrement()I
java/awt/ScrollPaneAdjustable setVisibleAmount(I)V
java/awt/ScrollPaneAdjustable getVisibleAmount()I
java/awt/ScrollPaneAdjustable setValueIsAdjusting(Z)V
java/awt/ScrollPaneAdjustable getValueIsAdjusting()Z
java/awt/ScrollPaneAdjustable setValue(I)V
java/awt/ScrollPaneAdjustable setTypedValue(II)V
java/awt/ScrollPaneAdjustable getValue()I

java/awt/ScrollPaneAdjustable addAdjustmentListener(Ljava/awt/event/AdjustmentListener;)V
java/awt/ScrollPaneAdjustable removeAdjustmentListener(Ljava/awt/event/AdjustmentListener;)V
java/awt/ScrollPaneAdjustable getAdjustmentListeners()[Ljava/awt/event/AdjustmentListener;
java/awt/ScrollPaneAdjustable
toString()Ljava/lang/String;
java/awt/ScrollPaneAdjustable paramString()Ljava/lang/String;
java/awt/ScrollPaneAdjustable <clinit>()V
class java/awt/Scrollbar$AccessibleAWTScrollBar java/awt/Component$AccessibleAWTComponent
java/awt/Scrollbar$AccessibleAWTScrollBar serialVersionUID
java/awt/Scrollbar$AccessibleAWTScrollBar this$0
java/awt/Scrollbar$AccessibleAWTScrollBar <init>(Ljava/awt/Scrollbar;)V
java/awt/Scrollbar$AccessibleAWTScrollBar getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
java/awt/Scrollbar$AccessibleAWTScrollBar getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/Scrollbar$AccessibleAWTScrollBar getAccessibleValue()Ljavax/accessibility/AccessibleValue;
java/awt/Scrollbar$AccessibleAWTScrollBar getCurrentAccessibleValue()Ljava/lang/Number;
java/awt/Scrollbar$AccessibleAWTScrollBar setCurrentAccessibleValue(Ljava/lang/Number;)Z
java/awt/Scrollbar$AccessibleAWTScrollBar getMinimumAccessibleValue()Ljava/lang/Number;
java/awt/Scrollbar$AccessibleAWTScrollBar
getMaximumAccessibleValue()Ljava/lang/Number;
class java/awt/Scrollbar java/awt/Component
java/awt/Scrollbar HORIZONTAL
java/awt/Scrollbar VERTICAL
java/awt/Scrollbar value
java/awt/Scrollbar maximum
java/awt/Scrollbar minimum
java/awt/Scrollbar visibleAmount
java/awt/Scrollbar orientation
java/awt/Scrollbar lineIncrement
java/awt/Scrollbar pageIncrement
java/awt/Scrollbar isAdjusting
java/awt/Scrollbar adjustmentListener
java/awt/Scrollbar base
java/awt/Scrollbar nameCounter
java/awt/Scrollbar serialVersionUID
java/awt/Scrollbar scrollbarSerializedDataVersion
java/awt/Scrollbar initIDs()V
java/awt/Scrollbar <init>()V
java/awt/Scrollbar <init>(I)V
java/awt/Scrollbar <init>(IIIII)V
java/awt/Scrollbar constructComponentName()Ljava/lang/String;
java/awt/Scrollbar addNotify()V
java/awt/Scrollbar getOrientation()I
java/awt/Scrollbar setOrientation(I)V
java/awt/Scrollbar getValue()I
java/awt/Scrollbar setValue(I)V
java/awt/Scrollbar
getMinimum()I
java/awt/Scrollbar setMinimum(I)V

java/awt/Scrollbar getMaximum()I
java/awt/Scrollbar setMaximum(I)V
java/awt/Scrollbar getVisibleAmount()I
java/awt/Scrollbar getVisible()I
java/awt/Scrollbar setVisibleAmount(I)V
java/awt/Scrollbar setUnitIncrement(I)V
java/awt/Scrollbar setLineIncrement(I)V
java/awt/Scrollbar getUnitIncrement()I
java/awt/Scrollbar getLineIncrement()I
java/awt/Scrollbar setBlockIncrement(I)V
java/awt/Scrollbar setPageIncrement(I)V
java/awt/Scrollbar getBlockIncrement()I
java/awt/Scrollbar getPageIncrement()I
java/awt/Scrollbar setValues(IIII)V
java/awt/Scrollbar getValueIsAdjusting()Z
java/awt/Scrollbar setValueIsAdjusting(Z)V
java/awt/Scrollbar addAdjustmentListener(Ljava/awt/event/AdjustmentListener;)V
java/awt/Scrollbar removeAdjustmentListener(Ljava/awt/event/AdjustmentListener;)V
java/awt/Scrollbar getAdjustmentListeners()[Ljava/awt/event/AdjustmentListener;
java/awt/Scrollbar getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/Scrollbar
eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/Scrollbar processEvent(Ljava/awt/AWTEvent;)V
java/awt/Scrollbar processAdjustmentEvent(Ljava/awt/event/AdjustmentEvent;)V
java/awt/Scrollbar paramString()Ljava/lang/String;
java/awt/Scrollbar writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Scrollbar readObject(Ljava/io/ObjectInputStream;)V
java/awt/Scrollbar getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Scrollbar <clinit>()V
class java/awt/SequencedEvent$1 java/lang/Object
java/awt/SequencedEvent$1 this$0
java/awt/SequencedEvent$1 <init>(Ljava/awt/SequencedEvent;)V
java/awt/SequencedEvent$1 evaluate()Z
class java/awt/SystemColor java/awt/Color
java/awt/SystemColor DESKTOP
java/awt/SystemColor ACTIVE_CAPTION
java/awt/SystemColor ACTIVE_CAPTION_TEXT
java/awt/SystemColor ACTIVE_CAPTION_BORDER
java/awt/SystemColor INACTIVE_CAPTION
java/awt/SystemColor INACTIVE_CAPTION_TEXT
java/awt/SystemColor INACTIVE_CAPTION_BORDER
java/awt/SystemColor WINDOW
java/awt/SystemColor
WINDOW_BORDER
java/awt/SystemColor WINDOW_TEXT
java/awt/SystemColor MENU
java/awt/SystemColor MENU_TEXT
java/awt/SystemColor TEXT

java/awt/SystemColor TEXT_TEXT
java/awt/SystemColor TEXT_HIGHLIGHT
java/awt/SystemColor TEXT_HIGHLIGHT_TEXT
java/awt/SystemColor TEXT_INACTIVE_TEXT
java/awt/SystemColor CONTROL
java/awt/SystemColor CONTROL_TEXT
java/awt/SystemColor CONTROL_HIGHLIGHT
java/awt/SystemColor CONTROL_LT_HIGHLIGHT
java/awt/SystemColor CONTROL_SHADOW
java/awt/SystemColor CONTROL_DK_SHADOW
java/awt/SystemColor SCROLLBAR
java/awt/SystemColor INFO
java/awt/SystemColor INFO_TEXT
java/awt/SystemColor NUM_COLORS
java/awt/SystemColor desktop
java/awt/SystemColor activeCaption
java/awt/SystemColor activeCaptionText
java/awt/SystemColor activeCaptionBorder
java/awt/SystemColor inactiveCaption
java/awt/SystemColor inactiveCaptionText
java/awt/SystemColor inactiveCaptionBorder
java/awt/SystemColor window
java/awt/SystemColor windowBorder
java/awt/SystemColor windowText
java/awt/SystemColor
menu
java/awt/SystemColor menuText
java/awt/SystemColor text
java/awt/SystemColor textText
java/awt/SystemColor textHighlight
java/awt/SystemColor textHighlightText
java/awt/SystemColor textInactiveText
java/awt/SystemColor control
java/awt/SystemColor controlText
java/awt/SystemColor controlHighlight
java/awt/SystemColor controlLtHighlight
java/awt/SystemColor controlShadow
java/awt/SystemColor controlDkShadow
java/awt/SystemColor scrollbar
java/awt/SystemColor info
java/awt/SystemColor infoText
java/awt/SystemColor systemColors
java/awt/SystemColor serialVersionUID
java/awt/SystemColor updateSystemColors()V
java/awt/SystemColor <init>(B)V
java/awt/SystemColor getRGB()I
java/awt/SystemColor
createContext(Ljava/awt/image/ColorModel;Ljava/awt/Rectangle;Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/Af

fineTransform;Ljava/awt/RenderingHints;)Ljava/awt/PaintContext;
java/awt/SystemColor toString()Ljava/lang/String;
java/awt/SystemColor <clinit>()V
class java/awt/TextArea$AccessibleAWTTextArea
 java/awt/TextComponent$AccessibleAWTTextComponent
java/awt/TextArea$AccessibleAWTTextArea serialVersionUID
java/awt/TextArea$AccessibleAWTTextArea this$0
java/awt/TextArea$AccessibleAWTTextArea <init>(Ljava/awt/TextArea;)V
java/awt/TextArea$AccessibleAWTTextArea getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
class java/awt/TextArea java/awt/TextComponent
java/awt/TextArea rows
java/awt/TextArea columns
java/awt/TextArea base
java/awt/TextArea nameCounter
java/awt/TextArea SCROLLBARS_BOTH
java/awt/TextArea SCROLLBARS_VERTICAL_ONLY
java/awt/TextArea SCROLLBARS_HORIZONTAL_ONLY
java/awt/TextArea SCROLLBARS_NONE
java/awt/TextArea scrollbarVisibility
java/awt/TextArea forwardTraversalKeys
java/awt/TextArea backwardTraversalKeys
java/awt/TextArea serialVersionUID
java/awt/TextArea textAreaSerializedDataVersion
java/awt/TextArea initIDs()V
java/awt/TextArea <init>()V
java/awt/TextArea <init>(Ljava/lang/String;)V
java/awt/TextArea <init>(II)V
java/awt/TextArea <init>(Ljava/lang/String;II)V
java/awt/TextArea
 <init>(Ljava/lang/String;III)V
java/awt/TextArea constructComponentName()Ljava/lang/String;
java/awt/TextArea addNotify()V
java/awt/TextArea insert(Ljava/lang/String;I)V
java/awt/TextArea insertText(Ljava/lang/String;I)V
java/awt/TextArea append(Ljava/lang/String;)V
java/awt/TextArea appendText(Ljava/lang/String;)V
java/awt/TextArea replaceRange(Ljava/lang/String;II)V
java/awt/TextArea replaceText(Ljava/lang/String;II)V
java/awt/TextArea getRows()I
java/awt/TextArea setRows(I)V
java/awt/TextArea getColumns()I
java/awt/TextArea setColumns(I)V
java/awt/TextArea getScrollbarVisibility()I
java/awt/TextArea getPreferredSize(II)Ljava/awt/Dimension;
java/awt/TextArea preferredSize(II)Ljava/awt/Dimension;
java/awt/TextArea getPreferredSize()Ljava/awt/Dimension;
java/awt/TextArea preferredSize()Ljava/awt/Dimension;
java/awt/TextArea getMinimumSize(II)Ljava/awt/Dimension;

java/awt/TextArea minimumSize(II)Ljava/awt/Dimension;
java/awt/TextArea getMinimumSize()Ljava/awt/Dimension;
java/awt/TextArea
minimumSize()Ljava/awt/Dimension;
java/awt/TextArea paramString()Ljava/lang/String;
java/awt/TextArea readObject(Ljava/io/ObjectInputStream;)V
java/awt/TextArea getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/TextArea <clinit>()V
class java/awt/TextComponent$AccessibleAWTTextComponent java/awt/Component$AccessibleAWTComponent
java/awt/TextComponent$AccessibleAWTTextComponent serialVersionUID
java/awt/TextComponent$AccessibleAWTTextComponent NEXT
java/awt/TextComponent$AccessibleAWTTextComponent PREVIOUS
java/awt/TextComponent$AccessibleAWTTextComponent this$0
java/awt/TextComponent$AccessibleAWTTextComponent <init>(Ljava/awt/TextComponent;)V
java/awt/TextComponent$AccessibleAWTTextComponent textValueChanged(Ljava/awt/event/TextEvent;)V
java/awt/TextComponent$AccessibleAWTTextComponent
getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
java/awt/TextComponent$AccessibleAWTTextComponent
getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/TextComponent$AccessibleAWTTextComponent
getAccessibleText()Ljavax/accessibility/AccessibleText;
java/awt/TextComponent$AccessibleAWTTextComponent getIndexAtPoint(Ljava/awt/Point;)I
java/awt/TextComponent$AccessibleAWTTextComponent getCharacterBounds(I)Ljava/awt/Rectangle;
java/awt/TextComponent$AccessibleAWTTextComponent getCharCount()I
java/awt/TextComponent$AccessibleAWTTextComponent getCaretPosition()I
java/awt/TextComponent$AccessibleAWTTextComponent getCharacterAttribute(I)Ljavax/swing/text/AttributeSet;
java/awt/TextComponent$AccessibleAWTTextComponent getSelectionStart()I
java/awt/TextComponent$AccessibleAWTTextComponent getSelectionEnd()I
java/awt/TextComponent$AccessibleAWTTextComponent getSelectedText()Ljava/lang/String;
java/awt/TextComponent$AccessibleAWTTextComponent getAtIndex(II)Ljava/lang/String;
java/awt/TextComponent$AccessibleAWTTextComponent
findWordLimit(ILjava/text/BreakIterator;ZLjava/lang/String;)I
java/awt/TextComponent$AccessibleAWTTextComponent
getAfterIndex(II)Ljava/lang/String;
java/awt/TextComponent$AccessibleAWTTextComponent getBeforeIndex(II)Ljava/lang/String;
class java/awt/TextComponent java/awt/Component
java/awt/TextComponent text
java/awt/TextComponent editable
java/awt/TextComponent selectionStart
java/awt/TextComponent selectionEnd
java/awt/TextComponent backgroundSetByClientCode
java/awt/TextComponent canAccessClipboard
java/awt/TextComponent textListener
java/awt/TextComponent serialVersionUID
java/awt/TextComponent textComponentSerializedDataVersion
java/awt/TextComponent checkForEnableIM
java/awt/TextComponent <init>(Ljava/lang/String;)V
java/awt/TextComponent enableInputMethodsIfNecessary()V

java/awt/TextComponent enableInputMethods(Z)V
java/awt/TextComponent areInputMethodsEnabled()Z
java/awt/TextComponent getInputMethodRequests()Ljava/awt/im/InputMethodRequests;
java/awt/TextComponent addNotify()V
java/awt/TextComponent removeNotify()V
java/awt/TextComponent setText(Ljava/lang/String;)V
java/awt/TextComponent
getText()Ljava/lang/String;
java/awt/TextComponent getSelectedText()Ljava/lang/String;
java/awt/TextComponent isEditable()Z
java/awt/TextComponent setEditable(Z)V
java/awt/TextComponent getBackground()Ljava/awt/Color;
java/awt/TextComponent setBackground(Ljava/awt/Color;)V
java/awt/TextComponent getSelectionStart()I
java/awt/TextComponent setSelectionStart(I)V
java/awt/TextComponent getSelectionEnd()I
java/awt/TextComponent setSelectionEnd(I)V
java/awt/TextComponent select(II)V
java/awt/TextComponent selectAll()V
java/awt/TextComponent setCaretPosition(I)V
java/awt/TextComponent getCaretPosition()I
java/awt/TextComponent addTextListener(Ljava/awt/event/TextListener;)V
java/awt/TextComponent removeTextListener(Ljava/awt/event/TextListener;)V
java/awt/TextComponent getTextListeners()[Ljava/awt/event/TextListener;
java/awt/TextComponent getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/TextComponent eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/TextComponent
processEvent(Ljava/awt/AWTEvent;)V
java/awt/TextComponent processTextEvent(Ljava/awt/event/TextEvent;)V
java/awt/TextComponent paramString()Ljava/lang/String;
java/awt/TextComponent checkSystemClipboardAccess()V
java/awt/TextComponent writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/TextComponent readObject(Ljava/io/ObjectInputStream;)V
java/awt/TextComponent getIndexAtPoint(Ljava/awt/Point;)I
java/awt/TextComponent getCharacterBounds(I)Ljava/awt/Rectangle;
java/awt/TextComponent getAccessibleContext()Ljavax/accessibility/AccessibleContext;
class java/awt/TextField$AccessibleAWTTextField java/awt/TextComponent$AccessibleAWTTextComponent
java/awt/TextField$AccessibleAWTTextField serialVersionUID
java/awt/TextField$AccessibleAWTTextField this$0
java/awt/TextField$AccessibleAWTTextField <init>(Ljava/awt/TextField;)V
java/awt/TextField$AccessibleAWTTextField getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
class java/awt/TextField java/awt/TextComponent
java/awt/TextField
columns
java/awt/TextField echoChar
java/awt/TextField actionListener
java/awt/TextField base
java/awt/TextField nameCounter

java/awt/TextField serialVersionUID
java/awt/TextField textFieldSerializedDataVersion
java/awt/TextField initIDs()V
java/awt/TextField <init>()V
java/awt/TextField <init>(Ljava/lang/String;)V
java/awt/TextField <init>(I)V
java/awt/TextField <init>(Ljava/lang/String;I)V
java/awt/TextField constructComponentName()Ljava/lang/String;
java/awt/TextField addNotify()V
java/awt/TextField getEchoChar()C
java/awt/TextField setEchoChar(C)V
java/awt/TextField setEchoCharacter(C)V
java/awt/TextField setText(Ljava/lang/String;)V
java/awt/TextField echoCharIsSet()Z
java/awt/TextField getColumns()I
java/awt/TextField setColumns(I)V
java/awt/TextField getPreferredSize(I)Ljava/awt/Dimension;
java/awt/TextField preferredSize(I)Ljava/awt/Dimension;
java/awt/TextField getPreferredSize()Ljava/awt/Dimension;
java/awt/TextField preferredSize()Ljava/awt/Dimension;
java/awt/TextField
 getMinimumSize(I)Ljava/awt/Dimension;
java/awt/TextField minimumSize(I)Ljava/awt/Dimension;
java/awt/TextField getMinimumSize()Ljava/awt/Dimension;
java/awt/TextField minimumSize()Ljava/awt/Dimension;
java/awt/TextField addActionListener(Ljava/awt/event/ActionListener;)V
java/awt/TextField removeActionListener(Ljava/awt/event/ActionListener;)V
java/awt/TextField getActionListeners()[Ljava/awt/event/ActionListener;
java/awt/TextField getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/TextField eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/TextField processEvent(Ljava/awt/AWTEvent;)V
java/awt/TextField processActionEvent(Ljava/awt/event/ActionEvent;)V
java/awt/TextField paramString()Ljava/lang/String;
java/awt/TextField writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/TextField readObject(Ljava/io/ObjectInputStream;)V
java/awt/TextField getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/TextField <clinit>()V
class java/awt/TexturePaint
 java/lang/Object
java/awt/TexturePaint bufImg
java/awt/TexturePaint tx
java/awt/TexturePaint ty
java/awt/TexturePaint sx
java/awt/TexturePaint sy
java/awt/TexturePaint <init>(Ljava/awt/image/BufferedImage;Ljava/awt/geom/Rectangle2D;)V
java/awt/TexturePaint getImage()Ljava/awt/image/BufferedImage;
java/awt/TexturePaint getAnchorRect()Ljava/awt/geom/Rectangle2D;
java/awt/TexturePaint

createContext(Ljava/awt/image/ColorModel;Ljava/awt/Rectangle;Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/Af
fineTransform;Ljava/awt/RenderingHints;)Ljava/awt/PaintContext;
java/awt/TexturePaint getTransparency()I
class java/awt/TexturePaintContext$Any java/awt/TexturePaintContext
java/awt/TexturePaintContext$Any srcRas
java/awt/TexturePaintContext$Any filter
java/awt/TexturePaintContext$Any
<init>(Ljava/awt/image/WritableRaster;Ljava/awt/image/ColorModel;Ljava/awt/geom/AffineTransform;IZ)V
java/awt/TexturePaintContext$Any makeRaster(II)Ljava/awt/image/WritableRaster;
java/awt/TexturePaintContext$Any setRaster(IIIIIIIIIIIIIII)V
class
java/awt/TexturePaintContext$Byte java/awt/TexturePaintContext
java/awt/TexturePaintContext$Byte srcRas
java/awt/TexturePaintContext$Byte inData
java/awt/TexturePaintContext$Byte inOff
java/awt/TexturePaintContext$Byte inSpan
java/awt/TexturePaintContext$Byte outData
java/awt/TexturePaintContext$Byte outOff
java/awt/TexturePaintContext$Byte outSpan
java/awt/TexturePaintContext$Byte
<init>(Lsun/awt/image/ByteInterleavedRaster;Ljava/awt/image/ColorModel;Ljava/awt/geom/AffineTransform;I)V
java/awt/TexturePaintContext$Byte makeRaster(II)Ljava/awt/image/WritableRaster;
java/awt/TexturePaintContext$Byte dispose()V
java/awt/TexturePaintContext$Byte setRaster(IIIIIIIIIIIIIII)V
class java/awt/TexturePaintContext$ByteFilter java/awt/TexturePaintContext
java/awt/TexturePaintContext$ByteFilter srcRas
java/awt/TexturePaintContext$ByteFilter inPalette
java/awt/TexturePaintContext$ByteFilter inData
java/awt/TexturePaintContext$ByteFilter inOff
java/awt/TexturePaintContext$ByteFilter
inSpan
java/awt/TexturePaintContext$ByteFilter outData
java/awt/TexturePaintContext$ByteFilter outOff
java/awt/TexturePaintContext$ByteFilter outSpan
java/awt/TexturePaintContext$ByteFilter
<init>(Lsun/awt/image/ByteInterleavedRaster;Ljava/awt/image/ColorModel;Ljava/awt/geom/AffineTransform;I)V
java/awt/TexturePaintContext$ByteFilter makeRaster(II)Ljava/awt/image/WritableRaster;
java/awt/TexturePaintContext$ByteFilter setRaster(IIIIIIIIIIIIIII)V
class java/awt/TexturePaintContext$Int java/awt/TexturePaintContext
java/awt/TexturePaintContext$Int srcRas
java/awt/TexturePaintContext$Int inData
java/awt/TexturePaintContext$Int inOff
java/awt/TexturePaintContext$Int inSpan
java/awt/TexturePaintContext$Int outData
java/awt/TexturePaintContext$Int outOff
java/awt/TexturePaintContext$Int outSpan
java/awt/TexturePaintContext$Int filter
java/awt/TexturePaintContext$Int

<init>(Lsun/awt/image/IntegerInterleavedRaster;Ljava/awt/image/ColorModel;Ljava/awt/geom/AffineTransform;IZ
)V
java/awt/TexturePaintContext$Int
 makeRaster(II)Ljava/awt/image/WritableRaster;
java/awt/TexturePaintContext$Int setRaster(IIIIIIIIIIIIIII)V
class java/awt/TexturePaintContext java/lang/Object
java/awt/TexturePaintContext xrgbmodel
java/awt/TexturePaintContext argbmodel
java/awt/TexturePaintContext colorModel
java/awt/TexturePaintContext bWidth
java/awt/TexturePaintContext bHeight
java/awt/TexturePaintContext maxWidth
java/awt/TexturePaintContext outRas
java/awt/TexturePaintContext xOrg
java/awt/TexturePaintContext yOrg
java/awt/TexturePaintContext incXAcross
java/awt/TexturePaintContext incYAcross
java/awt/TexturePaintContext incXDown
java/awt/TexturePaintContext incYDown
java/awt/TexturePaintContext colincx
java/awt/TexturePaintContext colincy
java/awt/TexturePaintContext colincxerr
java/awt/TexturePaintContext colincyerr
java/awt/TexturePaintContext rowincx
java/awt/TexturePaintContext rowincy
java/awt/TexturePaintContext rowincxerr
java/awt/TexturePaintContext rowincyerr
java/awt/TexturePaintContext
 xrgbRasRef
java/awt/TexturePaintContext argbRasRef
java/awt/TexturePaintContext byteRasRef
java/awt/TexturePaintContext
getContext(Ljava/awt/image/BufferedImage;Ljava/awt/geom/AffineTransform;Ljava/awt/RenderingHints;Ljava/aw
t/Rectangle;)Ljava/awt/PaintContext;
java/awt/TexturePaintContext isFilterableICM(Ljava/awt/image/ColorModel;)Z
java/awt/TexturePaintContext isFilterableDCM(Ljava/awt/image/ColorModel;)Z
java/awt/TexturePaintContext isMaskOK(IZ)Z
java/awt/TexturePaintContext getInternedColorModel(Ljava/awt/image/ColorModel;)Ljava/awt/image/ColorModel;
java/awt/TexturePaintContext <init>(Ljava/awt/image/ColorModel;Ljava/awt/geom/AffineTransform;III)V
java/awt/TexturePaintContext fractAsInt(D)I
java/awt/TexturePaintContext mod(DD)D
java/awt/TexturePaintContext dispose()V
java/awt/TexturePaintContext getColorModel()Ljava/awt/image/ColorModel;
java/awt/TexturePaintContext getRaster(IIII)Ljava/awt/image/Raster;
java/awt/TexturePaintContext
makeRaster(Ljava/awt/image/ColorModel;Ljava/awt/image/Raster;II)Ljava/awt/image/WritableRaster;
java/awt/TexturePaintContext

dropRaster(Ljava/awt/image/ColorModel;Ljava/awt/image/Raster;)V
java/awt/TexturePaintContext makeByteRaster(Ljava/awt/image/Raster;II)Ljava/awt/image/WritableRaster;
java/awt/TexturePaintContext dropByteRaster(Ljava/awt/image/Raster;)V
java/awt/TexturePaintContext makeRaster(II)Ljava/awt/image/WritableRaster;
java/awt/TexturePaintContext setRaster(IIIIIIIIIIIIIII)V
java/awt/TexturePaintContext blend([III)I
java/awt/TexturePaintContext <clinit>()V
class java/awt/color/CMMException java/lang/RuntimeException
java/awt/color/CMMException <init>(Ljava/lang/String;)V
class java/awt/color/ICC_ProfileGray java/awt/color/ICC_Profile
java/awt/color/ICC_ProfileGray <init>(J)V
java/awt/color/ICC_ProfileGray <init>(Lsun/awt/color/ProfileDeferralInfo;)V
java/awt/color/ICC_ProfileGray getMediaWhitePoint()[F
java/awt/color/ICC_ProfileGray getGamma()F
java/awt/color/ICC_ProfileGray getTRC()[S
class java/awt/color/ProfileDataException
java/lang/RuntimeException
java/awt/color/ProfileDataException <init>(Ljava/lang/String;)V
class java/awt/datatransfer/Clipboard$1 java/lang/Object
java/awt/datatransfer/Clipboard$1 val$oldOwner
java/awt/datatransfer/Clipboard$1 val$oldContents
java/awt/datatransfer/Clipboard$1 this$0
java/awt/datatransfer/Clipboard$1
<init>(Ljava/awt/datatransfer/Clipboard;Ljava/awt/datatransfer/ClipboardOwner;Ljava/awt/datatransfer/Transferable;)V
java/awt/datatransfer/Clipboard$1 run()V
class java/awt/datatransfer/Clipboard$2 java/lang/Object
java/awt/datatransfer/Clipboard$2 val$listener
java/awt/datatransfer/Clipboard$2 this$0
java/awt/datatransfer/Clipboard$2 <init>(Ljava/awt/datatransfer/Clipboard;Ljava/awt/datatransfer/FlavorListener;)V
java/awt/datatransfer/Clipboard$2 run()V
class java/awt/datatransfer/DataFlavor$TextFlavorComparator
sun/awt/datatransfer/DataTransferer$DataFlavorComparator
java/awt/datatransfer/DataFlavor$TextFlavorComparator <init>()V
java/awt/datatransfer/DataFlavor$TextFlavorComparator
compare(Ljava/lang/Object;Ljava/lang/Object;)I
class java/awt/datatransfer/FlavorEvent java/util/EventObject
java/awt/datatransfer/FlavorEvent <init>(Ljava/awt/datatransfer/Clipboard;)V
class java/awt/datatransfer/FlavorListener java/lang/Object
java/awt/datatransfer/FlavorListener flavorsChanged(Ljava/awt/datatransfer/FlavorEvent;)V
class java/awt/datatransfer/MimeTypeParseException java/lang/Exception
java/awt/datatransfer/MimeTypeParseException serialVersionUID
java/awt/datatransfer/MimeTypeParseException <init>()V
java/awt/datatransfer/MimeTypeParseException <init>(Ljava/lang/String;)V
class java/awt/datatransfer/StringSelection java/lang/Object
java/awt/datatransfer/StringSelection STRING
java/awt/datatransfer/StringSelection PLAIN_TEXT
java/awt/datatransfer/StringSelection flavors

java/awt/datatransfer/StringSelection data
java/awt/datatransfer/StringSelection <init>(Ljava/lang/String;)V
java/awt/datatransfer/StringSelection getTransferDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/datatransfer/StringSelection
isDataFlavorSupported(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/datatransfer/StringSelection getTransferData(Ljava/awt/datatransfer/DataFlavor;)Ljava/lang/Object;
java/awt/datatransfer/StringSelection
lostOwnership(Ljava/awt/datatransfer/Clipboard;Ljava/awt/datatransfer/Transferable;)V
java/awt/datatransfer/StringSelection <clinit>()V
class java/awt/datatransfer/UnsupportedFlavorException java/lang/Exception
java/awt/datatransfer/UnsupportedFlavorException serialVersionUID
java/awt/datatransfer/UnsupportedFlavorException <init>(Ljava/awt/datatransfer/DataFlavor;)V
class java/awt/dnd/Autoscroll java/lang/Object
java/awt/dnd/Autoscroll getAutoscrollInsets()Ljava/awt/Insets;
java/awt/dnd/Autoscroll autoscroll(Ljava/awt/Point;)V
class java/awt/dnd/DnDConstants java/lang/Object
java/awt/dnd/DnDConstants ACTION_NONE
java/awt/dnd/DnDConstants ACTION_COPY
java/awt/dnd/DnDConstants ACTION_MOVE
java/awt/dnd/DnDConstants
ACTION_COPY_OR_MOVE
java/awt/dnd/DnDConstants ACTION_LINK
java/awt/dnd/DnDConstants ACTION_REFERENCE
java/awt/dnd/DnDConstants <init>()V
class java/awt/dnd/DnDEventMulticaster java/awt/AWTEventMulticaster
java/awt/dnd/DnDEventMulticaster <init>(Ljava/util/EventListener;Ljava/util/EventListener;)V
java/awt/dnd/DnDEventMulticaster dragEnter(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DnDEventMulticaster dragOver(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DnDEventMulticaster dropActionChanged(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DnDEventMulticaster dragExit(Ljava/awt/dnd/DragSourceEvent;)V
java/awt/dnd/DnDEventMulticaster dragDropEnd(Ljava/awt/dnd/DragSourceDropEvent;)V
java/awt/dnd/DnDEventMulticaster dragMouseMoved(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DnDEventMulticaster
add(Ljava/awt/dnd/DragSourceListener;Ljava/awt/dnd/DragSourceListener;)Ljava/awt/dnd/DragSourceListener;
java/awt/dnd/DnDEventMulticaster
add(Ljava/awt/dnd/DragSourceMotionListener;Ljava/awt/dnd/DragSourceMotionListener;)Ljava/awt/dnd/DragSourceMotionListener;
java/awt/dnd/DnDEventMulticaster
remove(Ljava/awt/dnd/DragSourceListener;Ljava/awt/dnd/DragSourceListener;)Ljava/awt/dnd/DragSourceListener;
java/awt/dnd/DnDEventMulticaster
remove(Ljava/awt/dnd/DragSourceMotionListener;Ljava/awt/dnd/DragSourceMotionListener;)Ljava/awt/dnd/DragSourceMotionListener;
java/awt/dnd/DnDEventMulticaster
addInternal(Ljava/util/EventListener;Ljava/util/EventListener;)Ljava/util/EventListener;
java/awt/dnd/DnDEventMulticaster remove(Ljava/util/EventListener;)Ljava/util/EventListener;
java/awt/dnd/DnDEventMulticaster
removeInternal(Ljava/util/EventListener;Ljava/util/EventListener;)Ljava/util/EventListener;

java/awt/dnd/DnDEventMulticaster
save(Ljava/io/ObjectOutputStream;Ljava/lang/String;Ljava/util/EventListener;)V
class java/awt/dnd/DragSourceAdapter java/lang/Object
java/awt/dnd/DragSourceAdapter <init>()V
java/awt/dnd/DragSourceAdapter dragEnter(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceAdapter
 dragOver(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceAdapter dragMouseMoved(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceAdapter dropActionChanged(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceAdapter dragExit(Ljava/awt/dnd/DragSourceEvent;)V
java/awt/dnd/DragSourceAdapter dragDropEnd(Ljava/awt/dnd/DragSourceDropEvent;)V
class java/awt/dnd/DragSourceContext$1 java/lang/Object
java/awt/dnd/DragSourceContext$1 this$0
java/awt/dnd/DragSourceContext$1 <init>(Ljava/awt/dnd/DragSourceContext;)V
java/awt/dnd/DragSourceContext$1 getTransferDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/dnd/DragSourceContext$1 isDataFlavorSupported(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/dnd/DragSourceContext$1 getTransferData(Ljava/awt/datatransfer/DataFlavor;)Ljava/lang/Object;
class java/awt/dnd/DragSourceContext java/lang/Object
java/awt/dnd/DragSourceContext serialVersionUID
java/awt/dnd/DragSourceContext
 DEFAULT
java/awt/dnd/DragSourceContext ENTER
java/awt/dnd/DragSourceContext OVER
java/awt/dnd/DragSourceContext CHANGED
java/awt/dnd/DragSourceContext emptyTransferable
java/awt/dnd/DragSourceContext peer
java/awt/dnd/DragSourceContext trigger
java/awt/dnd/DragSourceContext cursor
java/awt/dnd/DragSourceContext transferable
java/awt/dnd/DragSourceContext listener
java/awt/dnd/DragSourceContext useCustomCursor
java/awt/dnd/DragSourceContext sourceActions
java/awt/dnd/DragSourceContext
<init>(Ljava/awt/dnd/peer/DragSourceContextPeer;Ljava/awt/dnd/DragGestureEvent;Ljava/awt/Cursor;Ljava/awt/I
mage;Ljava/awt/Point;Ljava/awt/datatransfer/Transferable;Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragSourceContext getDragSource()Ljava/awt/dnd/DragSource;
java/awt/dnd/DragSourceContext getComponent()Ljava/awt/Component;
java/awt/dnd/DragSourceContext getTrigger()Ljava/awt/dnd/DragGestureEvent;
java/awt/dnd/DragSourceContext getSourceActions()I
java/awt/dnd/DragSourceContext setCursor(Ljava/awt/Cursor;)V
java/awt/dnd/DragSourceContext
 getCursor()Ljava/awt/Cursor;
java/awt/dnd/DragSourceContext addDragSourceListener(Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragSourceContext removeDragSourceListener(Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragSourceContext transferablesFlavorsChanged()V
java/awt/dnd/DragSourceContext dragEnter(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceContext dragOver(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceContext dragExit(Ljava/awt/dnd/DragSourceEvent;)V

java/awt/dnd/DragSourceContext dropActionChanged(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceContext dragDropEnd(Ljava/awt/dnd/DragSourceDropEvent;)V
java/awt/dnd/DragSourceContext dragMouseMoved(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceContext getTransferable()Ljava/awt/datatransfer/Transferable;
java/awt/dnd/DragSourceContext updateCurrentCursor(III)V
java/awt/dnd/DragSourceContext setCursorImpl(Ljava/awt/Cursor;)V
java/awt/dnd/DragSourceContext
writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/dnd/DragSourceContext readObject(Ljava/io/ObjectInputStream;)V
class java/awt/dnd/DragSourceDragEvent java/awt/dnd/DragSourceEvent
java/awt/dnd/DragSourceDragEvent serialVersionUID
java/awt/dnd/DragSourceDragEvent JDK_1_3_MODIFIERS
java/awt/dnd/DragSourceDragEvent JDK_1_4_MODIFIERS
java/awt/dnd/DragSourceDragEvent targetActions
java/awt/dnd/DragSourceDragEvent dropAction
java/awt/dnd/DragSourceDragEvent gestureModifiers
java/awt/dnd/DragSourceDragEvent invalidModifiers
java/awt/dnd/DragSourceDragEvent <init>(Ljava/awt/dnd/DragSourceContext;III)V
java/awt/dnd/DragSourceDragEvent <init>(Ljava/awt/dnd/DragSourceContext;IIIII)V
java/awt/dnd/DragSourceDragEvent getTargetActions()I
java/awt/dnd/DragSourceDragEvent getGestureModifiers()I
java/awt/dnd/DragSourceDragEvent getGestureModifiersEx()I
java/awt/dnd/DragSourceDragEvent getUserAction()I
java/awt/dnd/DragSourceDragEvent getDropAction()I
java/awt/dnd/DragSourceDragEvent
setNewModifiers()V
java/awt/dnd/DragSourceDragEvent setOldModifiers()V
class java/awt/dnd/DragSourceDropEvent java/awt/dnd/DragSourceEvent
java/awt/dnd/DragSourceDropEvent serialVersionUID
java/awt/dnd/DragSourceDropEvent dropSuccess
java/awt/dnd/DragSourceDropEvent dropAction
java/awt/dnd/DragSourceDropEvent <init>(Ljava/awt/dnd/DragSourceContext;IZ)V
java/awt/dnd/DragSourceDropEvent <init>(Ljava/awt/dnd/DragSourceContext;IZII)V
java/awt/dnd/DragSourceDropEvent <init>(Ljava/awt/dnd/DragSourceContext;)V
java/awt/dnd/DragSourceDropEvent getDropSuccess()Z
java/awt/dnd/DragSourceDropEvent getDropAction()I
class java/awt/dnd/DragSourceEvent java/util/EventObject
java/awt/dnd/DragSourceEvent serialVersionUID
java/awt/dnd/DragSourceEvent locationSpecified
java/awt/dnd/DragSourceEvent x
java/awt/dnd/DragSourceEvent y
java/awt/dnd/DragSourceEvent <init>(Ljava/awt/dnd/DragSourceContext;)V
java/awt/dnd/DragSourceEvent <init>(Ljava/awt/dnd/DragSourceContext;II)V
java/awt/dnd/DragSourceEvent
getDragSourceContext()Ljava/awt/dnd/DragSourceContext;
java/awt/dnd/DragSourceEvent getLocation()Ljava/awt/Point;
java/awt/dnd/DragSourceEvent getX()I
java/awt/dnd/DragSourceEvent getY()I

class java/awt/dnd/DragSourceListener java/lang/Object
java/awt/dnd/DragSourceListener dragEnter(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceListener dragOver(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceListener dropActionChanged(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSourceListener dragExit(Ljava/awt/dnd/DragSourceEvent;)V
java/awt/dnd/DragSourceListener dragDropEnd(Ljava/awt/dnd/DragSourceDropEvent;)V
class java/awt/dnd/DragSourceMotionListener java/lang/Object
java/awt/dnd/DragSourceMotionListener dragMouseMoved(Ljava/awt/dnd/DragSourceDragEvent;)V
class java/awt/dnd/DropTarget$DropTargetAutoScroller java/lang/Object
java/awt/dnd/DropTarget$DropTargetAutoScroller component
java/awt/dnd/DropTarget$DropTargetAutoScroller autoScroll
java/awt/dnd/DropTarget$DropTargetAutoScroller
 timer
java/awt/dnd/DropTarget$DropTargetAutoScroller locn
java/awt/dnd/DropTarget$DropTargetAutoScroller prev
java/awt/dnd/DropTarget$DropTargetAutoScroller outer
java/awt/dnd/DropTarget$DropTargetAutoScroller inner
java/awt/dnd/DropTarget$DropTargetAutoScroller hysteresis
java/awt/dnd/DropTarget$DropTargetAutoScroller <init>(Ljava/awt/Component;Ljava/awt/Point;)V
java/awt/dnd/DropTarget$DropTargetAutoScroller updateRegion()V
java/awt/dnd/DropTarget$DropTargetAutoScroller updateLocation(Ljava/awt/Point;)V
java/awt/dnd/DropTarget$DropTargetAutoScroller stop()V
java/awt/dnd/DropTarget$DropTargetAutoScroller actionPerformed(Ljava/awt/event/ActionEvent;)V
class java/awt/dnd/DropTargetAdapter java/lang/Object
java/awt/dnd/DropTargetAdapter <init>()V
java/awt/dnd/DropTargetAdapter dragEnter(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTargetAdapter dragOver(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTargetAdapter dropActionChanged(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTargetAdapter
 dragExit(Ljava/awt/dnd/DropTargetEvent;)V
class java/awt/dnd/DropTargetContext$TransferableProxy java/lang/Object
java/awt/dnd/DropTargetContext$TransferableProxy transferable
java/awt/dnd/DropTargetContext$TransferableProxy isLocal
java/awt/dnd/DropTargetContext$TransferableProxy proxy
java/awt/dnd/DropTargetContext$TransferableProxy this$0
java/awt/dnd/DropTargetContext$TransferableProxy
<init>(Ljava/awt/dnd/DropTargetContext;Ljava/awt/datatransfer/Transferable;Z)V
java/awt/dnd/DropTargetContext$TransferableProxy getTransferDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/dnd/DropTargetContext$TransferableProxy isDataFlavorSupported(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/dnd/DropTargetContext$TransferableProxy
getTransferData(Ljava/awt/datatransfer/DataFlavor;)Ljava/lang/Object;
class java/awt/dnd/DropTargetDragEvent java/awt/dnd/DropTargetEvent
java/awt/dnd/DropTargetDragEvent serialVersionUID
java/awt/dnd/DropTargetDragEvent
 location
java/awt/dnd/DropTargetDragEvent actions
java/awt/dnd/DropTargetDragEvent dropAction
java/awt/dnd/DropTargetDragEvent <init>(Ljava/awt/dnd/DropTargetContext;Ljava/awt/Point;II)V

java/awt/dnd/DropTargetDragEvent getLocation()Ljava/awt/Point;
java/awt/dnd/DropTargetDragEvent getCurrentDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/dnd/DropTargetDragEvent getCurrentDataFlavorsAsList()Ljava/util/List;
java/awt/dnd/DropTargetDragEvent isDataFlavorSupported(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/dnd/DropTargetDragEvent getSourceActions()I
java/awt/dnd/DropTargetDragEvent getDropAction()I
java/awt/dnd/DropTargetDragEvent getTransferable()Ljava/awt/datatransfer/Transferable;
java/awt/dnd/DropTargetDragEvent acceptDrag(I)V
java/awt/dnd/DropTargetDragEvent rejectDrag()V
class java/awt/dnd/DropTargetDropEvent java/awt/dnd/DropTargetEvent
java/awt/dnd/DropTargetDropEvent serialVersionUID
java/awt/dnd/DropTargetDropEvent zero
java/awt/dnd/DropTargetDropEvent
location
java/awt/dnd/DropTargetDropEvent actions
java/awt/dnd/DropTargetDropEvent dropAction
java/awt/dnd/DropTargetDropEvent isLocalTx
java/awt/dnd/DropTargetDropEvent <init>(Ljava/awt/dnd/DropTargetContext;Ljava/awt/Point;II)V
java/awt/dnd/DropTargetDropEvent <init>(Ljava/awt/dnd/DropTargetContext;Ljava/awt/Point;IIZ)V
java/awt/dnd/DropTargetDropEvent getLocation()Ljava/awt/Point;
java/awt/dnd/DropTargetDropEvent getCurrentDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/dnd/DropTargetDropEvent getCurrentDataFlavorsAsList()Ljava/util/List;
java/awt/dnd/DropTargetDropEvent isDataFlavorSupported(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/dnd/DropTargetDropEvent getSourceActions()I
java/awt/dnd/DropTargetDropEvent getDropAction()I
java/awt/dnd/DropTargetDropEvent getTransferable()Ljava/awt/datatransfer/Transferable;
java/awt/dnd/DropTargetDropEvent acceptDrop(I)V
java/awt/dnd/DropTargetDropEvent rejectDrop()V
java/awt/dnd/DropTargetDropEvent dropComplete(Z)V
java/awt/dnd/DropTargetDropEvent
isLocalTransfer()Z
java/awt/dnd/DropTargetDropEvent <clinit>()V
class java/awt/dnd/DropTargetEvent java/util/EventObject
java/awt/dnd/DropTargetEvent serialVersionUID
java/awt/dnd/DropTargetEvent context
java/awt/dnd/DropTargetEvent <init>(Ljava/awt/dnd/DropTargetContext;)V
java/awt/dnd/DropTargetEvent getDropTargetContext()Ljava/awt/dnd/DropTargetContext;
class java/awt/dnd/MouseDragGestureRecognizer java/awt/dnd/DragGestureRecognizer
java/awt/dnd/MouseDragGestureRecognizer serialVersionUID
java/awt/dnd/MouseDragGestureRecognizer
<init>(Ljava/awt/dnd/DragSource;Ljava/awt/Component;ILjava/awt/dnd/DragGestureListener;)V
java/awt/dnd/MouseDragGestureRecognizer <init>(Ljava/awt/dnd/DragSource;Ljava/awt/Component;I)V
java/awt/dnd/MouseDragGestureRecognizer <init>(Ljava/awt/dnd/DragSource;Ljava/awt/Component;)V
java/awt/dnd/MouseDragGestureRecognizer <init>(Ljava/awt/dnd/DragSource;)V
java/awt/dnd/MouseDragGestureRecognizer registerListeners()V
java/awt/dnd/MouseDragGestureRecognizer
unregisterListeners()V
java/awt/dnd/MouseDragGestureRecognizer mouseClicked(Ljava/awt/event/MouseEvent;)V

java/awt/dnd/MouseDragGestureRecognizer mousePressed(Ljava/awt/event/MouseEvent;)V
java/awt/dnd/MouseDragGestureRecognizer mouseReleased(Ljava/awt/event/MouseEvent;)V
java/awt/dnd/MouseDragGestureRecognizer mouseEntered(Ljava/awt/event/MouseEvent;)V
java/awt/dnd/MouseDragGestureRecognizer mouseExited(Ljava/awt/event/MouseEvent;)V
java/awt/dnd/MouseDragGestureRecognizer mouseDragged(Ljava/awt/event/MouseEvent;)V
java/awt/dnd/MouseDragGestureRecognizer mouseMoved(Ljava/awt/event/MouseEvent;)V
class java/awt/dnd/SerializationTester$1 java/io/OutputStream
java/awt/dnd/SerializationTester$1 <init>()V
java/awt/dnd/SerializationTester$1 write(I)V
class java/awt/dnd/SerializationTester java/lang/Object
java/awt/dnd/SerializationTester stream
java/awt/dnd/SerializationTester test(Ljava/lang/Object;)Z
java/awt/dnd/SerializationTester <init>()V
java/awt/dnd/SerializationTester
 <clinit>()V
class java/awt/dnd/peer/DropTargetContextPeer java/lang/Object
java/awt/dnd/peer/DropTargetContextPeer setTargetActions(I)V
java/awt/dnd/peer/DropTargetContextPeer getTargetActions()I
java/awt/dnd/peer/DropTargetContextPeer getDropTarget()Ljava/awt/dnd/DropTarget;
java/awt/dnd/peer/DropTargetContextPeer getTransferDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/dnd/peer/DropTargetContextPeer getTransferable()Ljava/awt/datatransfer/Transferable;
java/awt/dnd/peer/DropTargetContextPeer isTransferableJVMLocal()Z
java/awt/dnd/peer/DropTargetContextPeer acceptDrag(I)V
java/awt/dnd/peer/DropTargetContextPeer rejectDrag()V
java/awt/dnd/peer/DropTargetContextPeer acceptDrop(I)V
java/awt/dnd/peer/DropTargetContextPeer rejectDrop()V
java/awt/dnd/peer/DropTargetContextPeer dropComplete(Z)V
class java/awt/event/ContainerAdapter java/lang/Object
java/awt/event/ContainerAdapter <init>()V
java/awt/event/ContainerAdapter componentAdded(Ljava/awt/event/ContainerEvent;)V
java/awt/event/ContainerAdapter
 componentRemoved(Ljava/awt/event/ContainerEvent;)V
class java/awt/event/HierarchyBoundsAdapter java/lang/Object
java/awt/event/HierarchyBoundsAdapter <init>()V
java/awt/event/HierarchyBoundsAdapter ancestorMoved(Ljava/awt/event/HierarchyEvent;)V
java/awt/event/HierarchyBoundsAdapter ancestorResized(Ljava/awt/event/HierarchyEvent;)V
class java/awt/event/HierarchyEvent java/awt/AWTEvent
java/awt/event/HierarchyEvent HIERARCHY_FIRST
java/awt/event/HierarchyEvent HIERARCHY_CHANGED
java/awt/event/HierarchyEvent ANCESTOR_MOVED
java/awt/event/HierarchyEvent ANCESTOR_RESIZED
java/awt/event/HierarchyEvent HIERARCHY_LAST
java/awt/event/HierarchyEvent PARENT_CHANGED
java/awt/event/HierarchyEvent DISPLAYABILITY_CHANGED
java/awt/event/HierarchyEvent SHOWING_CHANGED
java/awt/event/HierarchyEvent changed
java/awt/event/HierarchyEvent changedParent
java/awt/event/HierarchyEvent changeFlags

java/awt/event/HierarchyEvent <init>(Ljava/awt/Component;ILjava/awt/Component;Ljava/awt/Container;)V
java/awt/event/HierarchyEvent
<init>(Ljava/awt/Component;ILjava/awt/Component;Ljava/awt/Container;J)V
java/awt/event/HierarchyEvent getComponent()Ljava/awt/Component;
java/awt/event/HierarchyEvent getChanged()Ljava/awt/Component;
java/awt/event/HierarchyEvent getChangedParent()Ljava/awt/Container;
java/awt/event/HierarchyEvent getChangeFlags()J
java/awt/event/HierarchyEvent paramString()Ljava/lang/String;
class java/awt/event/MouseWheelEvent java/awt/event/MouseEvent
java/awt/event/MouseWheelEvent dbg
java/awt/event/MouseWheelEvent WHEEL_UNIT_SCROLL
java/awt/event/MouseWheelEvent WHEEL_BLOCK_SCROLL
java/awt/event/MouseWheelEvent scrollType
java/awt/event/MouseWheelEvent scrollAmount
java/awt/event/MouseWheelEvent wheelRotation
java/awt/event/MouseWheelEvent <init>(Ljava/awt/Component;IJIIIIZIII)V
java/awt/event/MouseWheelEvent getScrollType()I
java/awt/event/MouseWheelEvent getScrollAmount()I
java/awt/event/MouseWheelEvent getWheelRotation()I
java/awt/event/MouseWheelEvent
getUnitsToScroll()I
java/awt/event/MouseWheelEvent paramString()Ljava/lang/String;
java/awt/event/MouseWheelEvent <clinit>()V
class java/awt/event/TextEvent java/awt/AWTEvent
java/awt/event/TextEvent TEXT_FIRST
java/awt/event/TextEvent TEXT_LAST
java/awt/event/TextEvent TEXT_VALUE_CHANGED
java/awt/event/TextEvent serialVersionUID
java/awt/event/TextEvent <init>(Ljava/lang/Object;I)V
java/awt/event/TextEvent paramString()Ljava/lang/String;
class java/awt/font/CharArrayIterator java/lang/Object
java/awt/font/CharArrayIterator chars
java/awt/font/CharArrayIterator pos
java/awt/font/CharArrayIterator begin
java/awt/font/CharArrayIterator <init>([C)V
java/awt/font/CharArrayIterator <init>([CI)V
java/awt/font/CharArrayIterator first()C
java/awt/font/CharArrayIterator last()C
java/awt/font/CharArrayIterator current()C
java/awt/font/CharArrayIterator next()C
java/awt/font/CharArrayIterator previous()C
java/awt/font/CharArrayIterator setIndex(I)C
java/awt/font/CharArrayIterator getBeginIndex()I
java/awt/font/CharArrayIterator
getEndIndex()I
java/awt/font/CharArrayIterator getIndex()I
java/awt/font/CharArrayIterator clone()Ljava/lang/Object;
java/awt/font/CharArrayIterator reset([C)V

java/awt/font/CharArrayIterator reset([CI)V
class java/awt/font/GlyphJustificationInfo java/lang/Object
java/awt/font/GlyphJustificationInfo PRIORITY_KASHIDA
java/awt/font/GlyphJustificationInfo PRIORITY_WHITESPACE
java/awt/font/GlyphJustificationInfo PRIORITY_INTERCHAR
java/awt/font/GlyphJustificationInfo PRIORITY_NONE
java/awt/font/GlyphJustificationInfo weight
java/awt/font/GlyphJustificationInfo growPriority
java/awt/font/GlyphJustificationInfo growAbsorb
java/awt/font/GlyphJustificationInfo growLeftLimit
java/awt/font/GlyphJustificationInfo growRightLimit
java/awt/font/GlyphJustificationInfo shrinkPriority
java/awt/font/GlyphJustificationInfo shrinkAbsorb
java/awt/font/GlyphJustificationInfo shrinkLeftLimit
java/awt/font/GlyphJustificationInfo shrinkRightLimit
java/awt/font/GlyphJustificationInfo
 <init>(FZIFFZIFF)V
java/awt/font/GlyphJustificationInfo priorityIsValid(I)Z
class java/awt/font/GlyphMetrics java/lang/Object
java/awt/font/GlyphMetrics horizontal
java/awt/font/GlyphMetrics advanceX
java/awt/font/GlyphMetrics advanceY
java/awt/font/GlyphMetrics bounds
java/awt/font/GlyphMetrics glyphType
java/awt/font/GlyphMetrics STANDARD
java/awt/font/GlyphMetrics LIGATURE
java/awt/font/GlyphMetrics COMBINING
java/awt/font/GlyphMetrics COMPONENT
java/awt/font/GlyphMetrics WHITESPACE
java/awt/font/GlyphMetrics <init>(FLjava/awt/geom/Rectangle2D;B)V
java/awt/font/GlyphMetrics <init>(ZFFLjava/awt/geom/Rectangle2D;B)V
java/awt/font/GlyphMetrics getAdvance()F
java/awt/font/GlyphMetrics getAdvanceX()F
java/awt/font/GlyphMetrics getAdvanceY()F
java/awt/font/GlyphMetrics getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/font/GlyphMetrics getLSB()F
java/awt/font/GlyphMetrics getRSB()F
java/awt/font/GlyphMetrics getType()I
java/awt/font/GlyphMetrics isStandard()Z
java/awt/font/GlyphMetrics
 isLigature()Z
java/awt/font/GlyphMetrics isCombining()Z
java/awt/font/GlyphMetrics isComponent()Z
java/awt/font/GlyphMetrics isWhitespace()Z
class java/awt/font/GraphicAttribute java/lang/Object
java/awt/font/GraphicAttribute fAlignment
java/awt/font/GraphicAttribute TOP_ALIGNMENT
java/awt/font/GraphicAttribute BOTTOM_ALIGNMENT

java/awt/font/GraphicAttribute ROMAN_BASELINE
java/awt/font/GraphicAttribute CENTER_BASELINE
java/awt/font/GraphicAttribute HANGING_BASELINE
java/awt/font/GraphicAttribute <init>(I)V
java/awt/font/GraphicAttribute getAscent()F
java/awt/font/GraphicAttribute getDescent()F
java/awt/font/GraphicAttribute getAdvance()F
java/awt/font/GraphicAttribute getBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/GraphicAttribute draw(Ljava/awt/Graphics2D;FF)V
java/awt/font/GraphicAttribute getAlignment()I
java/awt/font/GraphicAttribute getJustificationInfo()Ljava/awt/font/GlyphJustificationInfo;
class java/awt/font/ImageGraphicAttribute java/awt/font/GraphicAttribute
java/awt/font/ImageGraphicAttribute
fImage
java/awt/font/ImageGraphicAttribute fImageWidth
java/awt/font/ImageGraphicAttribute fImageHeight
java/awt/font/ImageGraphicAttribute fOriginX
java/awt/font/ImageGraphicAttribute fOriginY
java/awt/font/ImageGraphicAttribute <init>(Ljava/awt/Image;I)V
java/awt/font/ImageGraphicAttribute <init>(Ljava/awt/Image;IFF)V
java/awt/font/ImageGraphicAttribute getAscent()F
java/awt/font/ImageGraphicAttribute getDescent()F
java/awt/font/ImageGraphicAttribute getAdvance()F
java/awt/font/ImageGraphicAttribute getBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/ImageGraphicAttribute draw(Ljava/awt/Graphics2D;FF)V
java/awt/font/ImageGraphicAttribute hashCode()I
java/awt/font/ImageGraphicAttribute equals(Ljava/lang/Object;)Z
java/awt/font/ImageGraphicAttribute equals(Ljava/awt/font/ImageGraphicAttribute;)Z
class java/awt/font/LineBreakMeasurer java/lang/Object
java/awt/font/LineBreakMeasurer breakIter
java/awt/font/LineBreakMeasurer start
java/awt/font/LineBreakMeasurer
pos
java/awt/font/LineBreakMeasurer limit
java/awt/font/LineBreakMeasurer measurer
java/awt/font/LineBreakMeasurer charIter
java/awt/font/LineBreakMeasurer
<init>(Ljava/text/AttributedCharacterIterator;Ljava/awt/font/FontRenderContext;)V
java/awt/font/LineBreakMeasurer
<init>(Ljava/text/AttributedCharacterIterator;Ljava/text/BreakIterator;Ljava/awt/font/FontRenderContext;)V
java/awt/font/LineBreakMeasurer nextOffset(F)I
java/awt/font/LineBreakMeasurer nextOffset(FIZ)I
java/awt/font/LineBreakMeasurer nextLayout(F)Ljava/awt/font/TextLayout;
java/awt/font/LineBreakMeasurer nextLayout(FIZ)Ljava/awt/font/TextLayout;
java/awt/font/LineBreakMeasurer getPosition()I
java/awt/font/LineBreakMeasurer setPosition(I)V
java/awt/font/LineBreakMeasurer insertChar(Ljava/text/AttributedCharacterIterator;I)V
java/awt/font/LineBreakMeasurer deleteChar(Ljava/text/AttributedCharacterIterator;I)V

class java/awt/font/MultipleMaster java/lang/Object
java/awt/font/MultipleMaster getNumDesignAxes()I
java/awt/font/MultipleMaster
getDesignAxisRanges()[F
java/awt/font/MultipleMaster getDesignAxisDefaults()[F
java/awt/font/MultipleMaster getDesignAxisNames()[Ljava/lang/String;
java/awt/font/MultipleMaster deriveMMFont([F)Ljava/awt/Font;
java/awt/font/MultipleMaster deriveMMFont([FFFFF)Ljava/awt/Font;
class java/awt/font/NumericShaper java/lang/Object
java/awt/font/NumericShaper key
java/awt/font/NumericShaper mask
java/awt/font/NumericShaper EUROPEAN
java/awt/font/NumericShaper ARABIC
java/awt/font/NumericShaper EASTERN_ARABIC
java/awt/font/NumericShaper DEVANAGARI
java/awt/font/NumericShaper BENGALI
java/awt/font/NumericShaper GURMUKHI
java/awt/font/NumericShaper GUJARATI
java/awt/font/NumericShaper ORIYA
java/awt/font/NumericShaper TAMIL
java/awt/font/NumericShaper TELUGU
java/awt/font/NumericShaper KANNADA
java/awt/font/NumericShaper MALAYALAM
java/awt/font/NumericShaper THAI
java/awt/font/NumericShaper LAO
java/awt/font/NumericShaper TIBETAN
java/awt/font/NumericShaper MYANMAR
java/awt/font/NumericShaper
ETHIOPIC
java/awt/font/NumericShaper KHMER
java/awt/font/NumericShaper MONGOLIAN
java/awt/font/NumericShaper ALL_RANGES
java/awt/font/NumericShaper EUROPEAN_KEY
java/awt/font/NumericShaper ARABIC_KEY
java/awt/font/NumericShaper EASTERN_ARABIC_KEY
java/awt/font/NumericShaper DEVANAGARI_KEY
java/awt/font/NumericShaper BENGALI_KEY
java/awt/font/NumericShaper GURMUKHI_KEY
java/awt/font/NumericShaper GUJARATI_KEY
java/awt/font/NumericShaper ORIYA_KEY
java/awt/font/NumericShaper TAMIL_KEY
java/awt/font/NumericShaper TELUGU_KEY
java/awt/font/NumericShaper KANNADA_KEY
java/awt/font/NumericShaper MALAYALAM_KEY
java/awt/font/NumericShaper THAI_KEY
java/awt/font/NumericShaper LAO_KEY
java/awt/font/NumericShaper TIBETAN_KEY
java/awt/font/NumericShaper MYANMAR_KEY

java/awt/font/NumericShaper ETHIOPIC_KEY
java/awt/font/NumericShaper KHMER_KEY
java/awt/font/NumericShaper MONGOLIAN_KEY
java/awt/font/NumericShaper NUM_KEYS
java/awt/font/NumericShaper keyNames
java/awt/font/NumericShaper
CONTEXTUAL_MASK
java/awt/font/NumericShaper bases
java/awt/font/NumericShaper contexts
java/awt/font/NumericShaper ctCache
java/awt/font/NumericShaper ctCacheLimit
java/awt/font/NumericShaper strongTable
java/awt/font/NumericShaper stCache
java/awt/font/NumericShaper getContextKey(C)I
java/awt/font/NumericShaper isStrongDirectional(C)Z
java/awt/font/NumericShaper getKeyFromMask(I)I
java/awt/font/NumericShaper getShaper(I)Ljava/awt/font/NumericShaper;
java/awt/font/NumericShaper getContextualShaper(I)Ljava/awt/font/NumericShaper;
java/awt/font/NumericShaper getContextualShaper(II)Ljava/awt/font/NumericShaper;
java/awt/font/NumericShaper <init>(II)V
java/awt/font/NumericShaper shape([CII)V
java/awt/font/NumericShaper shape([CIII)V
java/awt/font/NumericShaper isContextual()Z
java/awt/font/NumericShaper getRanges()I
java/awt/font/NumericShaper shapeNonContextually([CII)V
java/awt/font/NumericShaper shapeContextually([CIII)V
java/awt/font/NumericShaper hashCode()I
java/awt/font/NumericShaper
equals(Ljava/lang/Object;)Z
java/awt/font/NumericShaper toString()Ljava/lang/String;
java/awt/font/NumericShaper getHighBit(I)I
java/awt/font/NumericShaper search(C[CII)I
java/awt/font/NumericShaper <clinit>()V
class java/awt/font/OpenType java/lang/Object
java/awt/font/OpenType TAG_CMAP
java/awt/font/OpenType TAG_HEAD
java/awt/font/OpenType TAG_NAME
java/awt/font/OpenType TAG_GLYF
java/awt/font/OpenType TAG_MAXP
java/awt/font/OpenType TAG_PREP
java/awt/font/OpenType TAG_HMTX
java/awt/font/OpenType TAG_KERN
java/awt/font/OpenType TAG_HDMX
java/awt/font/OpenType TAG_LOCA
java/awt/font/OpenType TAG_POST
java/awt/font/OpenType TAG_OS2
java/awt/font/OpenType TAG_CVT
java/awt/font/OpenType TAG_GASP

java/awt/font/OpenType TAG_VDMX
java/awt/font/OpenType TAG_VMTX
java/awt/font/OpenType TAG_VHEA
java/awt/font/OpenType TAG_HHEA
java/awt/font/OpenType TAG_TYP1
java/awt/font/OpenType TAG_BSLN
java/awt/font/OpenType TAG_GSUB
java/awt/font/OpenType TAG_DSIG
java/awt/font/OpenType TAG_FPGM
java/awt/font/OpenType
TAG_FVAR
java/awt/font/OpenType TAG_GVAR
java/awt/font/OpenType TAG_CFF
java/awt/font/OpenType TAG_MMSD
java/awt/font/OpenType TAG_MMFX
java/awt/font/OpenType TAG_BASE
java/awt/font/OpenType TAG_GDEF
java/awt/font/OpenType TAG_GPOS
java/awt/font/OpenType TAG_JSTF
java/awt/font/OpenType TAG_EBDT
java/awt/font/OpenType TAG_EBLC
java/awt/font/OpenType TAG_EBSC
java/awt/font/OpenType TAG_LTSH
java/awt/font/OpenType TAG_PCLT
java/awt/font/OpenType TAG_ACNT
java/awt/font/OpenType TAG_AVAR
java/awt/font/OpenType TAG_BDAT
java/awt/font/OpenType TAG_BLOC
java/awt/font/OpenType TAG_CVAR
java/awt/font/OpenType TAG_FEAT
java/awt/font/OpenType TAG_FDSC
java/awt/font/OpenType TAG_FMTX
java/awt/font/OpenType TAG_JUST
java/awt/font/OpenType TAG_LCAR
java/awt/font/OpenType TAG_MORT
java/awt/font/OpenType TAG_OPBD
java/awt/font/OpenType TAG_PROP
java/awt/font/OpenType TAG_TRAK
java/awt/font/OpenType getVersion()I
java/awt/font/OpenType getFontTable(I)[B
java/awt/font/OpenType getFontTable(Ljava/lang/String;)[B
java/awt/font/OpenType
getFontTable(III)[B
java/awt/font/OpenType getFontTable(Ljava/lang/String;II)[B
java/awt/font/OpenType getFontTableSize(I)I
java/awt/font/OpenType getFontTableSize(Ljava/lang/String;)I
class java/awt/font/ShapeGraphicAttribute java/awt/font/GraphicAttribute
java/awt/font/ShapeGraphicAttribute fShape

java/awt/font/ShapeGraphicAttribute fStroke
java/awt/font/ShapeGraphicAttribute STROKE
java/awt/font/ShapeGraphicAttribute FILL
java/awt/font/ShapeGraphicAttribute fShapeBounds
java/awt/font/ShapeGraphicAttribute <init>(Ljava/awt/Shape;IZ)V
java/awt/font/ShapeGraphicAttribute getAscent()F
java/awt/font/ShapeGraphicAttribute getDescent()F
java/awt/font/ShapeGraphicAttribute getAdvance()F
java/awt/font/ShapeGraphicAttribute draw(Ljava/awt/Graphics2D;FF)V
java/awt/font/ShapeGraphicAttribute getBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/ShapeGraphicAttribute hashCode()I
java/awt/font/ShapeGraphicAttribute equals(Ljava/lang/Object;)Z
java/awt/font/ShapeGraphicAttribute
equals(Ljava/awt/font/ShapeGraphicAttribute;)Z
class java/awt/font/StyledParagraph java/lang/Object
java/awt/font/StyledParagraph length
java/awt/font/StyledParagraph decoration
java/awt/font/StyledParagraph font
java/awt/font/StyledParagraph decorations
java/awt/font/StyledParagraph decorationStarts
java/awt/font/StyledParagraph fonts
java/awt/font/StyledParagraph fontStarts
java/awt/font/StyledParagraph INITIAL_SIZE
java/awt/font/StyledParagraph <init>(Ljava/text/AttributedCharacterIterator;[C)V
java/awt/font/StyledParagraph insertInto(I[II)V
java/awt/font/StyledParagraph
insertChar(Ljava/text/AttributedCharacterIterator;[CILjava/awt/font/StyledParagraph;)Ljava/awt/font/StyledParagraph;
java/awt/font/StyledParagraph deleteFrom(I[II)V
java/awt/font/StyledParagraph
deleteChar(Ljava/text/AttributedCharacterIterator;[CILjava/awt/font/StyledParagraph;)Ljava/awt/font/StyledParagraph;
java/awt/font/StyledParagraph getRunLimit(I)I
java/awt/font/StyledParagraph
getDecorationAt(I)Lsun/font/Decoration;
java/awt/font/StyledParagraph getFontOrGraphicAt(I)Ljava/lang/Object;
java/awt/font/StyledParagraph findRunContaining(I[I)I
java/awt/font/StyledParagraph addToVector(Ljava/lang/Object;ILjava/util/Vector;[I)[I
java/awt/font/StyledParagraph addDecoration(Lsun/font/Decoration;I)V
java/awt/font/StyledParagraph addFont(Ljava/lang/Object;I)V
java/awt/font/StyledParagraph addFonts([CLjava/util/Map;II)V
java/awt/font/StyledParagraph addInputMethodAttrs(Ljava/util/Map;)Ljava/util/Map;
java/awt/font/StyledParagraph getGraphicOrFont(Ljava/util/Map;)Ljava/lang/Object;
java/awt/font/StyledParagraph <clinit>()V
class java/awt/font/TextHitInfo java/lang/Object
java/awt/font/TextHitInfo charIndex
java/awt/font/TextHitInfo isLeadingEdge
java/awt/font/TextHitInfo <init>(IZ)V

java/awt/font/TextHitInfo getCharIndex()I
java/awt/font/TextHitInfo isLeadingEdge()Z
java/awt/font/TextHitInfo getInsertionIndex()I
java/awt/font/TextHitInfo hashCode()I
java/awt/font/TextHitInfo
equals(Ljava/lang/Object;)Z
java/awt/font/TextHitInfo equals(Ljava/awt/font/TextHitInfo;)Z
java/awt/font/TextHitInfo toString()Ljava/lang/String;
java/awt/font/TextHitInfo leading(I)Ljava/awt/font/TextHitInfo;
java/awt/font/TextHitInfo trailing(I)Ljava/awt/font/TextHitInfo;
java/awt/font/TextHitInfo beforeOffset(I)Ljava/awt/font/TextHitInfo;
java/awt/font/TextHitInfo afterOffset(I)Ljava/awt/font/TextHitInfo;
java/awt/font/TextHitInfo getOtherHit()Ljava/awt/font/TextHitInfo;
java/awt/font/TextHitInfo getOffsetHit(I)Ljava/awt/font/TextHitInfo;
class java/awt/font/TextJustifier java/lang/Object
java/awt/font/TextJustifier info
java/awt/font/TextJustifier start
java/awt/font/TextJustifier limit
java/awt/font/TextJustifier DEBUG
java/awt/font/TextJustifier MAX_PRIORITY
java/awt/font/TextJustifier <init>([Ljava/awt/font/GlyphJustificationInfo;II)V
java/awt/font/TextJustifier justify(F)[F
java/awt/font/TextJustifier <clinit>()V
class java/awt/font/TextLayout$CaretPolicy java/lang/Object
java/awt/font/TextLayout$CaretPolicy
<init>()V
java/awt/font/TextLayout$CaretPolicy
getStrongCaret(Ljava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;Ljava/awt/font/TextLayout;)Ljava/awt/font/
TextHitInfo;
class java/awt/font/TextLayout$OptInfo java/lang/Object
java/awt/font/TextLayout$OptInfo MAGIC_ADVANCE
java/awt/font/TextLayout$OptInfo frc
java/awt/font/TextLayout$OptInfo chars
java/awt/font/TextLayout$OptInfo font
java/awt/font/TextLayout$OptInfo metrics
java/awt/font/TextLayout$OptInfo attrs
java/awt/font/TextLayout$OptInfo advance
java/awt/font/TextLayout$OptInfo vb
java/awt/font/TextLayout$OptInfo decoration
java/awt/font/TextLayout$OptInfo str
java/awt/font/TextLayout$OptInfo
<init>(Ljava/awt/font/FontRenderContext;[CLjava/awt/Font;Lsun/font/CoreMetrics;Ljava/util/Map;)V
java/awt/font/TextLayout$OptInfo createTextLine()Ljava/awt/font/TextLine;
java/awt/font/TextLayout$OptInfo getAdvance()F
java/awt/font/TextLayout$OptInfo getCoreMetrics()Lsun/font/CoreMetrics;
java/awt/font/TextLayout$OptInfo
getLogicalBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/TextLayout$OptInfo handleDraw(Ljava/awt/Graphics2D;FF)V

java/awt/font/TextLayout$OptInfo handleGetCharVisualBounds(I)Ljava/awt/geom/Rectangle2D;
java/awt/font/TextLayout$OptInfo handleGetVisualBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/TextLayout$OptInfo handleGetOutline(FF)Ljava/awt/Shape;
java/awt/font/TextLayout$OptInfo draw(Ljava/awt/Graphics2D;FF)Z
java/awt/font/TextLayout$OptInfo getVisualBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/TextLayout$OptInfo getDecoration()Lsun/font/Decoration;
java/awt/font/TextLayout$OptInfo
create(Ljava/awt/font/FontRenderContext;[CLjava/awt/Font;Lsun/font/CoreMetrics;Ljava/util/Map;)Ljava/awt/font/
TextLayout$OptInfo;
class java/awt/font/TextLayout java/lang/Object
java/awt/font/TextLayout characterCount
java/awt/font/TextLayout isVerticalLine
java/awt/font/TextLayout baseline
java/awt/font/TextLayout baselineOffsets
java/awt/font/TextLayout textLine
java/awt/font/TextLayout
lineMetrics
java/awt/font/TextLayout visibleAdvance
java/awt/font/TextLayout hashCodeCache
java/awt/font/TextLayout optInfo
java/awt/font/TextLayout cacheIsValid
java/awt/font/TextLayout justifyRatio
java/awt/font/TextLayout ALREADY_JUSTIFIED
java/awt/font/TextLayout dx
java/awt/font/TextLayout dy
java/awt/font/TextLayout naturalBounds
java/awt/font/TextLayout boundsRect
java/awt/font/TextLayout caretsInLigaturesAreAllowed
java/awt/font/TextLayout DEFAULT_CARET_POLICY
java/awt/font/TextLayout <init>(Ljava/lang/String;Ljava/awt/Font;Ljava/awt/font/FontRenderContext;)V
java/awt/font/TextLayout <init>(Ljava/lang/String;Ljava/util/Map;Ljava/awt/font/FontRenderContext;)V
java/awt/font/TextLayout singleFont([CIILjava/util/Map;)Ljava/awt/Font;
java/awt/font/TextLayout <init>(Ljava/text/AttributedCharacterIterator;Ljava/awt/font/FontRenderContext;)V
java/awt/font/TextLayout <init>(Ljava/awt/font/TextLine;B[FF)V
java/awt/font/TextLayout paragraphInit(BLsun/font/CoreMetrics;Ljava/util/Map;[C)V
java/awt/font/TextLayout
fastInit([CLjava/awt/Font;Ljava/util/Map;Ljava/awt/font/FontRenderContext;)V
java/awt/font/TextLayout initTextLine()V
java/awt/font/TextLayout
standardInit(Ljava/text/AttributedCharacterIterator;[CLjava/awt/font/FontRenderContext;)V
java/awt/font/TextLayout ensureCache()V
java/awt/font/TextLayout buildCache()V
java/awt/font/TextLayout getNaturalBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/TextLayout clone()Ljava/lang/Object;
java/awt/font/TextLayout checkTextHit(Ljava/awt/font/TextHitInfo;)V
java/awt/font/TextLayout getJustifiedLayout(F)Ljava/awt/font/TextLayout;
java/awt/font/TextLayout handleJustify(F)V
java/awt/font/TextLayout getBaseline()B

java/awt/font/TextLayout getBaselineOffsets()[F
java/awt/font/TextLayout getAdvance()F
java/awt/font/TextLayout getVisibleAdvance()F
java/awt/font/TextLayout getAscent()F
java/awt/font/TextLayout getDescent()F
java/awt/font/TextLayout getLeading()F
java/awt/font/TextLayout getBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/TextLayout
isLeftToRight()Z
java/awt/font/TextLayout isVertical()Z
java/awt/font/TextLayout getCharacterCount()I
java/awt/font/TextLayout getCaretInfo(ILjava/awt/geom/Rectangle2D;[F)[F
java/awt/font/TextLayout getCaretInfo(Ljava/awt/font/TextHitInfo;Ljava/awt/geom/Rectangle2D;)[F
java/awt/font/TextLayout getCaretInfoTestInternal(Ljava/awt/font/TextHitInfo;Ljava/awt/geom/Rectangle2D;)[F
java/awt/font/TextLayout getCaretInfo(Ljava/awt/font/TextHitInfo;)[F
java/awt/font/TextLayout hitToCaret(Ljava/awt/font/TextHitInfo;)I
java/awt/font/TextLayout caretToHit(I)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout caretIsValid(I)Z
java/awt/font/TextLayout getNextRightHit(Ljava/awt/font/TextHitInfo;)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout getNextRightHit(ILjava/awt/font/TextLayout$CaretPolicy;)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout getNextRightHit(I)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout getNextLeftHit(Ljava/awt/font/TextHitInfo;)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout
getNextLeftHit(ILjava/awt/font/TextLayout$CaretPolicy;)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout getNextLeftHit(I)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout getVisualOtherHit(Ljava/awt/font/TextHitInfo;)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout getCaretPath(Ljava/awt/font/TextHitInfo;Ljava/awt/geom/Rectangle2D;)[D
java/awt/font/TextLayout getCaretPath(ILjava/awt/geom/Rectangle2D;Z)[D
java/awt/font/TextLayout pathToShape([DZ)Ljava/awt/geom/GeneralPath;
java/awt/font/TextLayout
getCaretShape(Ljava/awt/font/TextHitInfo;Ljava/awt/geom/Rectangle2D;)Ljava/awt/Shape;
java/awt/font/TextLayout getCaretShape(Ljava/awt/font/TextHitInfo;)Ljava/awt/Shape;
java/awt/font/TextLayout
getStrongHit(Ljava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout getCharacterLevel(I)B
java/awt/font/TextLayout
getCaretShapes(ILjava/awt/geom/Rectangle2D;Ljava/awt/font/TextLayout$CaretPolicy;)[Ljava/awt/Shape;
java/awt/font/TextLayout
getCaretShapes(ILjava/awt/geom/Rectangle2D;)[Ljava/awt/Shape;
java/awt/font/TextLayout getCaretShapes(I)[Ljava/awt/Shape;
java/awt/font/TextLayout boundingShape([D[D)Ljava/awt/geom/GeneralPath;
java/awt/font/TextLayout caretBoundingShape(IILjava/awt/geom/Rectangle2D;)Ljava/awt/geom/GeneralPath;
java/awt/font/TextLayout leftShape(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/GeneralPath;
java/awt/font/TextLayout rightShape(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/GeneralPath;
java/awt/font/TextLayout
getLogicalRangesForVisualSelection(Ljava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;)[I
java/awt/font/TextLayout
getVisualHighlightShape(Ljava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;Ljava/awt/geom/Rectangle2D;)Lj

ava/awt/Shape;
java/awt/font/TextLayout
getVisualHighlightShape(Ljava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;)Ljava/awt/Shape;
java/awt/font/TextLayout getLogicalHighlightShape(IILjava/awt/geom/Rectangle2D;)Ljava/awt/Shape;
java/awt/font/TextLayout
getLogicalHighlightShape(II)Ljava/awt/Shape;
java/awt/font/TextLayout getBlackBoxBounds(II)Ljava/awt/Shape;
java/awt/font/TextLayout caretToPointDistance([FFF)F
java/awt/font/TextLayout hitTestChar(FFLjava/awt/geom/Rectangle2D;)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout hitTestChar(FF)Ljava/awt/font/TextHitInfo;
java/awt/font/TextLayout hashCode()I
java/awt/font/TextLayout equals(Ljava/lang/Object;)Z
java/awt/font/TextLayout equals(Ljava/awt/font/TextLayout;)Z
java/awt/font/TextLayout toString()Ljava/lang/String;
java/awt/font/TextLayout draw(Ljava/awt/Graphics2D;FF)V
java/awt/font/TextLayout getTextLineForTesting()Ljava/awt/font/TextLine;
java/awt/font/TextLayout sameBaselineUpTo(Ljava/awt/Font;[CII)I
java/awt/font/TextLayout getBaselineFromGraphic(Ljava/awt/font/GraphicAttribute;)B
java/awt/font/TextLayout getOutline(Ljava/awt/geom/AffineTransform;)Ljava/awt/Shape;
java/awt/font/TextLayout
access$000(Ljava/awt/font/TextLayout;Ljava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;)Ljava/awt/font/Text
HitInfo;
java/awt/font/TextLayout
<clinit>()V
class java/awt/font/TextLine$1 java/awt/font/TextLine$Function
java/awt/font/TextLine$1 <init>()V
java/awt/font/TextLine$1 computeFunction(Ljava/awt/font/TextLine;II)F
class java/awt/font/TextLine$2 java/awt/font/TextLine$Function
java/awt/font/TextLine$2 <init>()V
java/awt/font/TextLine$2 computeFunction(Ljava/awt/font/TextLine;II)F
class java/awt/font/TextLine$3 java/awt/font/TextLine$Function
java/awt/font/TextLine$3 <init>()V
java/awt/font/TextLine$3 computeFunction(Ljava/awt/font/TextLine;II)F
class java/awt/font/TextLine$4 java/awt/font/TextLine$Function
java/awt/font/TextLine$4 <init>()V
java/awt/font/TextLine$4 computeFunction(Ljava/awt/font/TextLine;II)F
class java/awt/font/TextLine$Function java/lang/Object
java/awt/font/TextLine$Function <init>()V
java/awt/font/TextLine$Function computeFunction(Ljava/awt/font/TextLine;II)F
java/awt/font/TextLine$Function <init>(Ljava/awt/font/TextLine$1;)V
class
java/awt/font/TextLine$TextLineMetrics java/lang/Object
java/awt/font/TextLine$TextLineMetrics ascent
java/awt/font/TextLine$TextLineMetrics descent
java/awt/font/TextLine$TextLineMetrics leading
java/awt/font/TextLine$TextLineMetrics advance
java/awt/font/TextLine$TextLineMetrics <init>(FFFF)V
class java/awt/font/TextLine java/lang/Object

java/awt/font/TextLine fComponents
java/awt/font/TextLine fBaselineOffsets
java/awt/font/TextLine fComponentVisualOrder
java/awt/font/TextLine locs
java/awt/font/TextLine fChars
java/awt/font/TextLine fCharsStart
java/awt/font/TextLine fCharsLimit
java/awt/font/TextLine fCharVisualOrder
java/awt/font/TextLine fCharLogicalOrder
java/awt/font/TextLine fCharLevels
java/awt/font/TextLine fIsDirectionLTR
java/awt/font/TextLine fMetrics
java/awt/font/TextLine fgPosAdvF
java/awt/font/TextLine fgAdvanceF
java/awt/font/TextLine fgXPositionF
java/awt/font/TextLine fgYPositionF
java/awt/font/TextLine <init>([Lsun/font/TextLineComponent;[F[CII[I[BZ)V
java/awt/font/TextLine
checkCtorArgs()V
java/awt/font/TextLine init()V
java/awt/font/TextLine characterCount()I
java/awt/font/TextLine isDirectionLTR()Z
java/awt/font/TextLine getMetrics()Ljava/awt/font/TextLine$TextLineMetrics;
java/awt/font/TextLine visualToLogical(I)I
java/awt/font/TextLine logicalToVisual(I)I
java/awt/font/TextLine getCharLevel(I)B
java/awt/font/TextLine isCharLTR(I)Z
java/awt/font/TextLine getCharType(I)I
java/awt/font/TextLine isCharSpace(I)Z
java/awt/font/TextLine isCharWhitespace(I)Z
java/awt/font/TextLine getCharAngle(I)F
java/awt/font/TextLine getCoreMetricsAt(I)Lsun/font/CoreMetrics;
java/awt/font/TextLine getCharAscent(I)F
java/awt/font/TextLine getCharDescent(I)F
java/awt/font/TextLine getCharShift(I)F
java/awt/font/TextLine applyFunctionAtIndex(ILjava/awt/font/TextLine$Function;)F
java/awt/font/TextLine getCharAdvance(I)F
java/awt/font/TextLine getCharXPosition(I)F
java/awt/font/TextLine getCharYPosition(I)F
java/awt/font/TextLine
getCharLinePosition(I)F
java/awt/font/TextLine getCharLinePosition(IZ)F
java/awt/font/TextLine caretAtOffsetIsValid(I)Z
java/awt/font/TextLine getCharBounds(I)Ljava/awt/geom/Rectangle2D;
java/awt/font/TextLine getComponentShift(I)F
java/awt/font/TextLine draw(Ljava/awt/Graphics2D;FF)V
java/awt/font/TextLine getBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/TextLine getItalicBounds()Ljava/awt/geom/Rectangle2D;

java/awt/font/TextLine getOutline(Ljava/awt/geom/AffineTransform;)Ljava/awt/Shape;
java/awt/font/TextLine hashCode()I
java/awt/font/TextLine toString()Ljava/lang/String;
java/awt/font/TextLine
fastCreateTextLine(Ljava/awt/font/FontRenderContext;[CLjava/awt/Font;Lsun/font/CoreMetrics;Ljava/util/Map;)Ljava/awt/font/TextLine;
java/awt/font/TextLine expandArray([Lsun/font/TextLineComponent;)[Lsun/font/TextLineComponent;
java/awt/font/TextLine
createComponentsOnRun(II[C[I[BLsun/font/TextLabelFactory;Ljava/awt/Font;Lsun/font/CoreMetrics;Ljava/awt/font/FontRenderContext;Lsun/font/Decoration;[Lsun/font/TextLineComponent;I)[Lsun/font/TextLineComponent;
java/awt/font/TextLine
getComponents(Ljava/awt/font/StyledParagraph;[CII[I[BLsun/font/TextLabelFactory;)[Lsun/font/TextLineComponent;
java/awt/font/TextLine
createLineFromText([CLjava/awt/font/StyledParagraph;Lsun/font/TextLabelFactory;Z[F)Ljava/awt/font/TextLine;
java/awt/font/TextLine computeComponentOrder([Lsun/font/TextLineComponent;[I)[I
java/awt/font/TextLine
standardCreateTextLine(Ljava/awt/font/FontRenderContext;Ljava/text/AttributedCharacterIterator;[C[F)Ljava/awt/font/TextLine;
java/awt/font/TextLine advanceToFirstFont(Ljava/text/AttributedCharacterIterator;)Z
java/awt/font/TextLine getNormalizedOffsets([FB)[F
java/awt/font/TextLine getFontAtCurrentPos(Ljava/text/AttributedCharacterIterator;)Ljava/awt/Font;
java/awt/font/TextLine getJustifyRatio(Ljava/util/Map;)F
java/awt/font/TextLine firstVisualChunk([I[BII)I
java/awt/font/TextLine getJustifiedLine(FFII)Ljava/awt/font/TextLine;
java/awt/font/TextLine
getAdvanceBetween([Lsun/font/TextLineComponent;II)F
java/awt/font/TextLine access$100(Ljava/awt/font/TextLine;)[Lsun/font/TextLineComponent;
java/awt/font/TextLine access$200(Ljava/awt/font/TextLine;)[I
java/awt/font/TextLine access$300(Ljava/awt/font/TextLine;)[F
java/awt/font/TextLine access$400(Ljava/awt/font/TextLine;I)F
java/awt/font/TextLine <clinit>()V
class java/awt/font/TextMeasurer java/lang/Object
java/awt/font/TextMeasurer EST_LINES
java/awt/font/TextMeasurer fFrc
java/awt/font/TextMeasurer fStart
java/awt/font/TextMeasurer fChars
java/awt/font/TextMeasurer fBidi
java/awt/font/TextMeasurer fLevels
java/awt/font/TextMeasurer fComponents
java/awt/font/TextMeasurer fComponentStart
java/awt/font/TextMeasurer fComponentLimit
java/awt/font/TextMeasurer haveLayoutWindow
java/awt/font/TextMeasurer fLineBreak
java/awt/font/TextMeasurer charIter
java/awt/font/TextMeasurer layoutCount
java/awt/font/TextMeasurer layoutCharCount
java/awt/font/TextMeasurer fParagraph

java/awt/font/TextMeasurer
fIsDirectionLTR
java/awt/font/TextMeasurer fBaseline
java/awt/font/TextMeasurer fBaselineOffsets
java/awt/font/TextMeasurer fJustifyRatio
java/awt/font/TextMeasurer formattedChars
java/awt/font/TextMeasurer wantStats
java/awt/font/TextMeasurer collectStats
java/awt/font/TextMeasurer <init>(Ljava/text/AttributedCharacterIterator;Ljava/awt/font/FontRenderContext;)V
java/awt/font/TextMeasurer clone()Ljava/lang/Object;
java/awt/font/TextMeasurer invalidateComponents()V
java/awt/font/TextMeasurer initAll(Ljava/text/AttributedCharacterIterator;)V
java/awt/font/TextMeasurer generateComponents(II)V
java/awt/font/TextMeasurer calcLineBreak(IF)I
java/awt/font/TextMeasurer trailingCdWhitespaceStart(II)I
java/awt/font/TextMeasurer makeComponentsOnRange(II)[Lsun/font/TextLineComponent;
java/awt/font/TextMeasurer makeTextLineOnRange(II)Ljava/awt/font/TextLine;
java/awt/font/TextMeasurer ensureComponents(II)V
java/awt/font/TextMeasurer makeLayoutWindow(I)V
java/awt/font/TextMeasurer getLineBreakIndex(IF)I
java/awt/font/TextMeasurer
getAdvanceBetween(II)F
java/awt/font/TextMeasurer getLayout(II)Ljava/awt/font/TextLayout;
java/awt/font/TextMeasurer printStats()V
java/awt/font/TextMeasurer insertChar(Ljava/text/AttributedCharacterIterator;I)V
java/awt/font/TextMeasurer deleteChar(Ljava/text/AttributedCharacterIterator;I)V
java/awt/font/TextMeasurer getChars()[C
java/awt/font/TextMeasurer <clinit>()V
class java/awt/geom/Arc2D$Double java/awt/geom/Arc2D
java/awt/geom/Arc2D$Double x
java/awt/geom/Arc2D$Double y
java/awt/geom/Arc2D$Double width
java/awt/geom/Arc2D$Double height
java/awt/geom/Arc2D$Double start
java/awt/geom/Arc2D$Double extent
java/awt/geom/Arc2D$Double <init>()V
java/awt/geom/Arc2D$Double <init>(I)V
java/awt/geom/Arc2D$Double <init>(DDDDDDI)V
java/awt/geom/Arc2D$Double <init>(Ljava/awt/geom/Rectangle2D;DDI)V
java/awt/geom/Arc2D$Double getX()D
java/awt/geom/Arc2D$Double getY()D
java/awt/geom/Arc2D$Double getWidth()D
java/awt/geom/Arc2D$Double getHeight()D
java/awt/geom/Arc2D$Double
getAngleStart()D
java/awt/geom/Arc2D$Double getAngleExtent()D
java/awt/geom/Arc2D$Double isEmpty()Z
java/awt/geom/Arc2D$Double setArc(DDDDDDI)V

java/awt/geom/Arc2D$Double setAngleStart(D)V
java/awt/geom/Arc2D$Double setAngleExtent(D)V
java/awt/geom/Arc2D$Double makeBounds(DDDD)Ljava/awt/geom/Rectangle2D;
class java/awt/geom/Arc2D$Float java/awt/geom/Arc2D
java/awt/geom/Arc2D$Float x
java/awt/geom/Arc2D$Float y
java/awt/geom/Arc2D$Float width
java/awt/geom/Arc2D$Float height
java/awt/geom/Arc2D$Float start
java/awt/geom/Arc2D$Float extent
java/awt/geom/Arc2D$Float <init>()V
java/awt/geom/Arc2D$Float <init>(I)V
java/awt/geom/Arc2D$Float <init>(FFFFFFI)V
java/awt/geom/Arc2D$Float <init>(Ljava/awt/geom/Rectangle2D;FFI)V
java/awt/geom/Arc2D$Float getX()D
java/awt/geom/Arc2D$Float getY()D
java/awt/geom/Arc2D$Float getWidth()D
java/awt/geom/Arc2D$Float getHeight()D
java/awt/geom/Arc2D$Float getAngleStart()D
java/awt/geom/Arc2D$Float getAngleExtent()D
java/awt/geom/Arc2D$Float
isEmpty()Z
java/awt/geom/Arc2D$Float setArc(DDDDDDI)V
java/awt/geom/Arc2D$Float setAngleStart(D)V
java/awt/geom/Arc2D$Float setAngleExtent(D)V
java/awt/geom/Arc2D$Float makeBounds(DDDD)Ljava/awt/geom/Rectangle2D;
class java/awt/geom/Arc2D java/awt/geom/RectangularShape
java/awt/geom/Arc2D OPEN
java/awt/geom/Arc2D CHORD
java/awt/geom/Arc2D PIE
java/awt/geom/Arc2D type
java/awt/geom/Arc2D <init>(I)V
java/awt/geom/Arc2D getAngleStart()D
java/awt/geom/Arc2D getAngleExtent()D
java/awt/geom/Arc2D getArcType()I
java/awt/geom/Arc2D getStartPoint()Ljava/awt/geom/Point2D;
java/awt/geom/Arc2D getEndPoint()Ljava/awt/geom/Point2D;
java/awt/geom/Arc2D setArc(DDDDDDI)V
java/awt/geom/Arc2D setArc(Ljava/awt/geom/Point2D;Ljava/awt/geom/Dimension2D;DDI)V
java/awt/geom/Arc2D setArc(Ljava/awt/geom/Rectangle2D;DDI)V
java/awt/geom/Arc2D setArc(Ljava/awt/geom/Arc2D;)V
java/awt/geom/Arc2D setArcByCenter(DDDDDI)V
java/awt/geom/Arc2D
setArcByTangent(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;D)V
java/awt/geom/Arc2D
setAngleStart(D)V
java/awt/geom/Arc2D setAngleExtent(D)V
java/awt/geom/Arc2D setAngleStart(Ljava/awt/geom/Point2D;)V

java/awt/geom/Arc2D setAngles(DDDD)V
java/awt/geom/Arc2D setAngles(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)V
java/awt/geom/Arc2D setArcType(I)V
java/awt/geom/Arc2D setFrame(DDDD)V
java/awt/geom/Arc2D getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/geom/Arc2D makeBounds(DDDD)Ljava/awt/geom/Rectangle2D;
java/awt/geom/Arc2D normalizeDegrees(D)D
java/awt/geom/Arc2D containsAngle(D)Z
java/awt/geom/Arc2D contains(DD)Z
java/awt/geom/Arc2D intersects(DDDD)Z
java/awt/geom/Arc2D contains(DDDD)Z
java/awt/geom/Arc2D contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/Arc2D contains(DDDDLjava/awt/geom/Rectangle2D;)Z
java/awt/geom/Arc2D getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
class java/awt/geom/ArcIterator java/lang/Object
java/awt/geom/ArcIterator x
java/awt/geom/ArcIterator y
java/awt/geom/ArcIterator w
java/awt/geom/ArcIterator
 h
java/awt/geom/ArcIterator angStRad
java/awt/geom/ArcIterator increment
java/awt/geom/ArcIterator cv
java/awt/geom/ArcIterator affine
java/awt/geom/ArcIterator index
java/awt/geom/ArcIterator arcSegs
java/awt/geom/ArcIterator lineSegs
java/awt/geom/ArcIterator <init>(Ljava/awt/geom/Arc2D;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/ArcIterator getWindingRule()I
java/awt/geom/ArcIterator isDone()Z
java/awt/geom/ArcIterator next()V
java/awt/geom/ArcIterator btan(D)D
java/awt/geom/ArcIterator currentSegment([F)I
java/awt/geom/ArcIterator currentSegment([D)I
class java/awt/geom/Area java/lang/Object
java/awt/geom/Area EmptyCurves
java/awt/geom/Area curves
java/awt/geom/Area cachedBounds
java/awt/geom/Area <init>()V
java/awt/geom/Area <init>(Ljava/awt/Shape;)V
java/awt/geom/Area add(Ljava/awt/geom/Area;)V
java/awt/geom/Area subtract(Ljava/awt/geom/Area;)V
java/awt/geom/Area intersect(Ljava/awt/geom/Area;)V
java/awt/geom/Area exclusiveOr(Ljava/awt/geom/Area;)V
java/awt/geom/Area
 reset()V
java/awt/geom/Area isEmpty()Z
java/awt/geom/Area isPolygonal()Z

java/awt/geom/Area isRectangular()Z
java/awt/geom/Area isSingular()Z
java/awt/geom/Area invalidateBounds()V
java/awt/geom/Area getCachedBounds()Ljava/awt/geom/Rectangle2D;
java/awt/geom/Area getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/geom/Area getBounds()Ljava/awt/Rectangle;
java/awt/geom/Area clone()Ljava/lang/Object;
java/awt/geom/Area equals(Ljava/awt/geom/Area;)Z
java/awt/geom/Area transform(Ljava/awt/geom/AffineTransform;)V
java/awt/geom/Area createTransformedArea(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/Area;
java/awt/geom/Area contains(DD)Z
java/awt/geom/Area contains(Ljava/awt/geom/Point2D;)Z
java/awt/geom/Area contains(DDDD)Z
java/awt/geom/Area contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/Area intersects(DDDD)Z
java/awt/geom/Area intersects(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/Area getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
java/awt/geom/Area
 getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
java/awt/geom/Area <clinit>()V
class java/awt/geom/AreaIterator java/lang/Object
java/awt/geom/AreaIterator transform
java/awt/geom/AreaIterator curves
java/awt/geom/AreaIterator index
java/awt/geom/AreaIterator prevcurve
java/awt/geom/AreaIterator thiscurve
java/awt/geom/AreaIterator <init>(Ljava/util/Vector;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/AreaIterator getWindingRule()I
java/awt/geom/AreaIterator isDone()Z
java/awt/geom/AreaIterator next()V
java/awt/geom/AreaIterator currentSegment([F)I
java/awt/geom/AreaIterator currentSegment([D)I
class java/awt/geom/CubicCurve2D$Double java/awt/geom/CubicCurve2D
java/awt/geom/CubicCurve2D$Double x1
java/awt/geom/CubicCurve2D$Double y1
java/awt/geom/CubicCurve2D$Double ctrlx1
java/awt/geom/CubicCurve2D$Double ctrly1
java/awt/geom/CubicCurve2D$Double ctrlx2
java/awt/geom/CubicCurve2D$Double ctrly2
java/awt/geom/CubicCurve2D$Double x2
java/awt/geom/CubicCurve2D$Double
 y2
java/awt/geom/CubicCurve2D$Double <init>()V
java/awt/geom/CubicCurve2D$Double <init>(DDDDDDDD)V
java/awt/geom/CubicCurve2D$Double getX1()D
java/awt/geom/CubicCurve2D$Double getY1()D
java/awt/geom/CubicCurve2D$Double getP1()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D$Double getCtrlX1()D

java/awt/geom/CubicCurve2D$Double getCtrlY1()D
java/awt/geom/CubicCurve2D$Double getCtrlP1()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D$Double getCtrlX2()D
java/awt/geom/CubicCurve2D$Double getCtrlY2()D
java/awt/geom/CubicCurve2D$Double getCtrlP2()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D$Double getX2()D
java/awt/geom/CubicCurve2D$Double getY2()D
java/awt/geom/CubicCurve2D$Double getP2()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D$Double setCurve(DDDDDDDD)V
java/awt/geom/CubicCurve2D$Double getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/CubicCurve2D$Float java/awt/geom/CubicCurve2D
java/awt/geom/CubicCurve2D$Float x1
java/awt/geom/CubicCurve2D$Float
y1
java/awt/geom/CubicCurve2D$Float ctrlx1
java/awt/geom/CubicCurve2D$Float ctrly1
java/awt/geom/CubicCurve2D$Float ctrlx2
java/awt/geom/CubicCurve2D$Float ctrly2
java/awt/geom/CubicCurve2D$Float x2
java/awt/geom/CubicCurve2D$Float y2
java/awt/geom/CubicCurve2D$Float <init>()V
java/awt/geom/CubicCurve2D$Float <init>(FFFFFFFF)V
java/awt/geom/CubicCurve2D$Float getX1()D
java/awt/geom/CubicCurve2D$Float getY1()D
java/awt/geom/CubicCurve2D$Float getP1()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D$Float getCtrlX1()D
java/awt/geom/CubicCurve2D$Float getCtrlY1()D
java/awt/geom/CubicCurve2D$Float getCtrlP1()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D$Float getCtrlX2()D
java/awt/geom/CubicCurve2D$Float getCtrlY2()D
java/awt/geom/CubicCurve2D$Float getCtrlP2()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D$Float getX2()D
java/awt/geom/CubicCurve2D$Float getY2()D
java/awt/geom/CubicCurve2D$Float getP2()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D$Float setCurve(DDDDDDDD)V
java/awt/geom/CubicCurve2D$Float
setCurve(FFFFFFFF)V
java/awt/geom/CubicCurve2D$Float getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/CubicCurve2D java/lang/Object
java/awt/geom/CubicCurve2D BELOW
java/awt/geom/CubicCurve2D LOWEDGE
java/awt/geom/CubicCurve2D INSIDE
java/awt/geom/CubicCurve2D HIGHEDGE
java/awt/geom/CubicCurve2D ABOVE
java/awt/geom/CubicCurve2D <init>()V
java/awt/geom/CubicCurve2D getX1()D
java/awt/geom/CubicCurve2D getY1()D
java/awt/geom/CubicCurve2D getP1()Ljava/awt/geom/Point2D;

java/awt/geom/CubicCurve2D getCtrlX1()D
java/awt/geom/CubicCurve2D getCtrlY1()D
java/awt/geom/CubicCurve2D getCtrlP1()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D getCtrlX2()D
java/awt/geom/CubicCurve2D getCtrlY2()D
java/awt/geom/CubicCurve2D getCtrlP2()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D getX2()D
java/awt/geom/CubicCurve2D getY2()D
java/awt/geom/CubicCurve2D getP2()Ljava/awt/geom/Point2D;
java/awt/geom/CubicCurve2D setCurve(DDDDDDDD)V
java/awt/geom/CubicCurve2D
setCurve([DI)V
java/awt/geom/CubicCurve2D
setCurve(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)V
java/awt/geom/CubicCurve2D setCurve([Ljava/awt/geom/Point2D;I)V
java/awt/geom/CubicCurve2D setCurve(Ljava/awt/geom/CubicCurve2D;)V
java/awt/geom/CubicCurve2D getFlatnessSq(DDDDDDDD)D
java/awt/geom/CubicCurve2D getFlatness(DDDDDDDD)D
java/awt/geom/CubicCurve2D getFlatnessSq([DI)D
java/awt/geom/CubicCurve2D getFlatness([DI)D
java/awt/geom/CubicCurve2D getFlatnessSq()D
java/awt/geom/CubicCurve2D getFlatness()D
java/awt/geom/CubicCurve2D subdivide(Ljava/awt/geom/CubicCurve2D;Ljava/awt/geom/CubicCurve2D;)V
java/awt/geom/CubicCurve2D
subdivide(Ljava/awt/geom/CubicCurve2D;Ljava/awt/geom/CubicCurve2D;Ljava/awt/geom/CubicCurve2D;)V
java/awt/geom/CubicCurve2D subdivide([DI[DI[DI)V
java/awt/geom/CubicCurve2D solveCubic([D)I
java/awt/geom/CubicCurve2D solveCubic([D[D)I
java/awt/geom/CubicCurve2D fixRoots([D[D)V
java/awt/geom/CubicCurve2D
solveEqn([DID)D
java/awt/geom/CubicCurve2D findZero(DD[D)D
java/awt/geom/CubicCurve2D contains(DD)Z
java/awt/geom/CubicCurve2D contains(Ljava/awt/geom/Point2D;)Z
java/awt/geom/CubicCurve2D fillEqn([DDDDDD)V
java/awt/geom/CubicCurve2D evalCubic([DIZZ[DDDDD)I
java/awt/geom/CubicCurve2D getTag(DDD)I
java/awt/geom/CubicCurve2D inwards(III)Z
java/awt/geom/CubicCurve2D intersects(DDDD)Z
java/awt/geom/CubicCurve2D intersects(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/CubicCurve2D contains(DDDD)Z
java/awt/geom/CubicCurve2D contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/CubicCurve2D getBounds()Ljava/awt/Rectangle;
java/awt/geom/CubicCurve2D getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
java/awt/geom/CubicCurve2D getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
java/awt/geom/CubicCurve2D clone()Ljava/lang/Object;
class java/awt/geom/CubicIterator java/lang/Object
java/awt/geom/CubicIterator cubic

java/awt/geom/CubicIterator affine
java/awt/geom/CubicIterator
 index
java/awt/geom/CubicIterator <init>(Ljava/awt/geom/CubicCurve2D;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/CubicIterator getWindingRule()I
java/awt/geom/CubicIterator isDone()Z
java/awt/geom/CubicIterator next()V
java/awt/geom/CubicIterator currentSegment([F)I
java/awt/geom/CubicIterator currentSegment([D)I
class java/awt/geom/Ellipse2D$Double java/awt/geom/Ellipse2D
java/awt/geom/Ellipse2D$Double x
java/awt/geom/Ellipse2D$Double y
java/awt/geom/Ellipse2D$Double width
java/awt/geom/Ellipse2D$Double height
java/awt/geom/Ellipse2D$Double <init>()V
java/awt/geom/Ellipse2D$Double <init>(DDDD)V
java/awt/geom/Ellipse2D$Double getX()D
java/awt/geom/Ellipse2D$Double getY()D
java/awt/geom/Ellipse2D$Double getWidth()D
java/awt/geom/Ellipse2D$Double getHeight()D
java/awt/geom/Ellipse2D$Double isEmpty()Z
java/awt/geom/Ellipse2D$Double setFrame(DDDD)V
java/awt/geom/Ellipse2D$Double getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/Ellipse2D$Float
 java/awt/geom/Ellipse2D
java/awt/geom/Ellipse2D$Float x
java/awt/geom/Ellipse2D$Float y
java/awt/geom/Ellipse2D$Float width
java/awt/geom/Ellipse2D$Float height
java/awt/geom/Ellipse2D$Float <init>()V
java/awt/geom/Ellipse2D$Float <init>(FFFF)V
java/awt/geom/Ellipse2D$Float getX()D
java/awt/geom/Ellipse2D$Float getY()D
java/awt/geom/Ellipse2D$Float getWidth()D
java/awt/geom/Ellipse2D$Float getHeight()D
java/awt/geom/Ellipse2D$Float isEmpty()Z
java/awt/geom/Ellipse2D$Float setFrame(FFFF)V
java/awt/geom/Ellipse2D$Float setFrame(DDDD)V
java/awt/geom/Ellipse2D$Float getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/Ellipse2D java/awt/geom/RectangularShape
java/awt/geom/Ellipse2D <init>()V
java/awt/geom/Ellipse2D contains(DD)Z
java/awt/geom/Ellipse2D intersects(DDDD)Z
java/awt/geom/Ellipse2D contains(DDDD)Z
java/awt/geom/Ellipse2D getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
class java/awt/geom/EllipseIterator java/lang/Object
java/awt/geom/EllipseIterator

x
java/awt/geom/EllipseIterator y
java/awt/geom/EllipseIterator w
java/awt/geom/EllipseIterator h
java/awt/geom/EllipseIterator affine
java/awt/geom/EllipseIterator index
java/awt/geom/EllipseIterator CtrlVal
java/awt/geom/EllipseIterator pcv
java/awt/geom/EllipseIterator ncv
java/awt/geom/EllipseIterator ctrlpts
java/awt/geom/EllipseIterator <init>(Ljava/awt/geom/Ellipse2D;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/EllipseIterator getWindingRule()I
java/awt/geom/EllipseIterator isDone()Z
java/awt/geom/EllipseIterator next()V
java/awt/geom/EllipseIterator currentSegment([F)I
java/awt/geom/EllipseIterator currentSegment([D)I
java/awt/geom/EllipseIterator <clinit>()V
class java/awt/geom/FlatteningPathIterator java/lang/Object
java/awt/geom/FlatteningPathIterator GROW_SIZE
java/awt/geom/FlatteningPathIterator src
java/awt/geom/FlatteningPathIterator squareflat
java/awt/geom/FlatteningPathIterator limit
java/awt/geom/FlatteningPathIterator hold
java/awt/geom/FlatteningPathIterator
curx
java/awt/geom/FlatteningPathIterator cury
java/awt/geom/FlatteningPathIterator movx
java/awt/geom/FlatteningPathIterator movy
java/awt/geom/FlatteningPathIterator holdType
java/awt/geom/FlatteningPathIterator holdEnd
java/awt/geom/FlatteningPathIterator holdIndex
java/awt/geom/FlatteningPathIterator levels
java/awt/geom/FlatteningPathIterator levelIndex
java/awt/geom/FlatteningPathIterator done
java/awt/geom/FlatteningPathIterator <init>(Ljava/awt/geom/PathIterator;D)V
java/awt/geom/FlatteningPathIterator <init>(Ljava/awt/geom/PathIterator;DI)V
java/awt/geom/FlatteningPathIterator getFlatness()D
java/awt/geom/FlatteningPathIterator getRecursionLimit()I
java/awt/geom/FlatteningPathIterator getWindingRule()I
java/awt/geom/FlatteningPathIterator isDone()Z
java/awt/geom/FlatteningPathIterator ensureHoldCapacity(I)V
java/awt/geom/FlatteningPathIterator next()V
java/awt/geom/FlatteningPathIterator next(Z)V
java/awt/geom/FlatteningPathIterator currentSegment([F)I
java/awt/geom/FlatteningPathIterator
currentSegment([D)I
class java/awt/geom/GeneralPathIterator java/lang/Object
java/awt/geom/GeneralPathIterator typeIdx

java/awt/geom/GeneralPathIterator pointIdx
java/awt/geom/GeneralPathIterator path
java/awt/geom/GeneralPathIterator affine
java/awt/geom/GeneralPathIterator curvesize
java/awt/geom/GeneralPathIterator <init>(Ljava/awt/geom/GeneralPath;)V
java/awt/geom/GeneralPathIterator <init>(Ljava/awt/geom/GeneralPath;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/GeneralPathIterator getWindingRule()I
java/awt/geom/GeneralPathIterator isDone()Z
java/awt/geom/GeneralPathIterator next()V
java/awt/geom/GeneralPathIterator currentSegment([F)I
java/awt/geom/GeneralPathIterator currentSegment([D)I
java/awt/geom/GeneralPathIterator <clinit>()V
class java/awt/geom/IllegalPathStateException java/lang/RuntimeException
java/awt/geom/IllegalPathStateException <init>()V
java/awt/geom/IllegalPathStateException <init>(Ljava/lang/String;)V
class java/awt/geom/Line2D$Double java/awt/geom/Line2D
java/awt/geom/Line2D$Double
 x1
java/awt/geom/Line2D$Double y1
java/awt/geom/Line2D$Double x2
java/awt/geom/Line2D$Double y2
java/awt/geom/Line2D$Double <init>()V
java/awt/geom/Line2D$Double <init>(DDDD)V
java/awt/geom/Line2D$Double <init>(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)V
java/awt/geom/Line2D$Double getX1()D
java/awt/geom/Line2D$Double getY1()D
java/awt/geom/Line2D$Double getP1()Ljava/awt/geom/Point2D;
java/awt/geom/Line2D$Double getX2()D
java/awt/geom/Line2D$Double getY2()D
java/awt/geom/Line2D$Double getP2()Ljava/awt/geom/Point2D;
java/awt/geom/Line2D$Double setLine(DDDD)V
java/awt/geom/Line2D$Double getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/NoninvertibleTransformException java/lang/Exception
java/awt/geom/NoninvertibleTransformException <init>(Ljava/lang/String;)V
class java/awt/geom/Point2D$Double java/awt/geom/Point2D
java/awt/geom/Point2D$Double x
java/awt/geom/Point2D$Double y
java/awt/geom/Point2D$Double <init>()V
java/awt/geom/Point2D$Double
 <init>(DD)V
java/awt/geom/Point2D$Double getX()D
java/awt/geom/Point2D$Double getY()D
java/awt/geom/Point2D$Double setLocation(DD)V
java/awt/geom/Point2D$Double toString()Ljava/lang/String;
class java/awt/geom/QuadCurve2D$Double java/awt/geom/QuadCurve2D
java/awt/geom/QuadCurve2D$Double x1
java/awt/geom/QuadCurve2D$Double y1
java/awt/geom/QuadCurve2D$Double ctrlx

java/awt/geom/QuadCurve2D$Double ctrly
java/awt/geom/QuadCurve2D$Double x2
java/awt/geom/QuadCurve2D$Double y2
java/awt/geom/QuadCurve2D$Double <init>()V
java/awt/geom/QuadCurve2D$Double <init>(DDDDDD)V
java/awt/geom/QuadCurve2D$Double getX1()D
java/awt/geom/QuadCurve2D$Double getY1()D
java/awt/geom/QuadCurve2D$Double getP1()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D$Double getCtrlX()D
java/awt/geom/QuadCurve2D$Double getCtrlY()D
java/awt/geom/QuadCurve2D$Double getCtrlPt()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D$Double getX2()D
java/awt/geom/QuadCurve2D$Double getY2()D
java/awt/geom/QuadCurve2D$Double
getP2()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D$Double setCurve(DDDDDD)V
java/awt/geom/QuadCurve2D$Double getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/QuadCurve2D$Float java/awt/geom/QuadCurve2D
java/awt/geom/QuadCurve2D$Float x1
java/awt/geom/QuadCurve2D$Float y1
java/awt/geom/QuadCurve2D$Float ctrlx
java/awt/geom/QuadCurve2D$Float ctrly
java/awt/geom/QuadCurve2D$Float x2
java/awt/geom/QuadCurve2D$Float y2
java/awt/geom/QuadCurve2D$Float <init>()V
java/awt/geom/QuadCurve2D$Float <init>(FFFFFF)V
java/awt/geom/QuadCurve2D$Float getX1()D
java/awt/geom/QuadCurve2D$Float getY1()D
java/awt/geom/QuadCurve2D$Float getP1()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D$Float getCtrlX()D
java/awt/geom/QuadCurve2D$Float getCtrlY()D
java/awt/geom/QuadCurve2D$Float getCtrlPt()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D$Float getX2()D
java/awt/geom/QuadCurve2D$Float getY2()D
java/awt/geom/QuadCurve2D$Float getP2()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D$Float
setCurve(DDDDDD)V
java/awt/geom/QuadCurve2D$Float setCurve(FFFFFF)V
java/awt/geom/QuadCurve2D$Float getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/QuadCurve2D java/lang/Object
java/awt/geom/QuadCurve2D BELOW
java/awt/geom/QuadCurve2D LOWEDGE
java/awt/geom/QuadCurve2D INSIDE
java/awt/geom/QuadCurve2D HIGHEDGE
java/awt/geom/QuadCurve2D ABOVE
java/awt/geom/QuadCurve2D <init>()V
java/awt/geom/QuadCurve2D getX1()D
java/awt/geom/QuadCurve2D getY1()D

java/awt/geom/QuadCurve2D getP1()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D getCtrlX()D
java/awt/geom/QuadCurve2D getCtrlY()D
java/awt/geom/QuadCurve2D getCtrlPt()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D getX2()D
java/awt/geom/QuadCurve2D getY2()D
java/awt/geom/QuadCurve2D getP2()Ljava/awt/geom/Point2D;
java/awt/geom/QuadCurve2D setCurve(DDDDDD)V
java/awt/geom/QuadCurve2D setCurve([DI)V
java/awt/geom/QuadCurve2D
setCurve(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)V
java/awt/geom/QuadCurve2D
setCurve([Ljava/awt/geom/Point2D;I)V
java/awt/geom/QuadCurve2D setCurve(Ljava/awt/geom/QuadCurve2D;)V
java/awt/geom/QuadCurve2D getFlatnessSq(DDDDDD)D
java/awt/geom/QuadCurve2D getFlatness(DDDDDD)D
java/awt/geom/QuadCurve2D getFlatnessSq([DI)D
java/awt/geom/QuadCurve2D getFlatness([DI)D
java/awt/geom/QuadCurve2D getFlatnessSq()D
java/awt/geom/QuadCurve2D getFlatness()D
java/awt/geom/QuadCurve2D subdivide(Ljava/awt/geom/QuadCurve2D;Ljava/awt/geom/QuadCurve2D;)V
java/awt/geom/QuadCurve2D
subdivide(Ljava/awt/geom/QuadCurve2D;Ljava/awt/geom/QuadCurve2D;Ljava/awt/geom/QuadCurve2D;)V
java/awt/geom/QuadCurve2D subdivide([DI[DI[DI)V
java/awt/geom/QuadCurve2D solveQuadratic([D)I
java/awt/geom/QuadCurve2D solveQuadratic([D[D)I
java/awt/geom/QuadCurve2D contains(DD)Z
java/awt/geom/QuadCurve2D contains(Ljava/awt/geom/Point2D;)Z
java/awt/geom/QuadCurve2D fillEqn([DDDDD)V
java/awt/geom/QuadCurve2D evalQuadratic([DIZZ[DDDD)I
java/awt/geom/QuadCurve2D getTag(DDD)I
java/awt/geom/QuadCurve2D
inwards(III)Z
java/awt/geom/QuadCurve2D intersects(DDDD)Z
java/awt/geom/QuadCurve2D intersects(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/QuadCurve2D contains(DDDD)Z
java/awt/geom/QuadCurve2D contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/QuadCurve2D getBounds()Ljava/awt/Rectangle;
java/awt/geom/QuadCurve2D getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
java/awt/geom/QuadCurve2D getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
java/awt/geom/QuadCurve2D clone()Ljava/lang/Object;
class java/awt/geom/QuadIterator java/lang/Object
java/awt/geom/QuadIterator quad
java/awt/geom/QuadIterator affine
java/awt/geom/QuadIterator index
java/awt/geom/QuadIterator <init>(Ljava/awt/geom/QuadCurve2D;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/QuadIterator getWindingRule()I
java/awt/geom/QuadIterator isDone()Z

java/awt/geom/QuadIterator next()V
java/awt/geom/QuadIterator currentSegment([F)I
java/awt/geom/QuadIterator currentSegment([D)I
class
java/awt/geom/RectIterator java/lang/Object
java/awt/geom/RectIterator x
java/awt/geom/RectIterator y
java/awt/geom/RectIterator w
java/awt/geom/RectIterator h
java/awt/geom/RectIterator affine
java/awt/geom/RectIterator index
java/awt/geom/RectIterator <init>(Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/RectIterator getWindingRule()I
java/awt/geom/RectIterator isDone()Z
java/awt/geom/RectIterator next()V
java/awt/geom/RectIterator currentSegment([F)I
java/awt/geom/RectIterator currentSegment([D)I
class java/awt/geom/Rectangle2D$Double java/awt/geom/Rectangle2D
java/awt/geom/Rectangle2D$Double x
java/awt/geom/Rectangle2D$Double y
java/awt/geom/Rectangle2D$Double width
java/awt/geom/Rectangle2D$Double height
java/awt/geom/Rectangle2D$Double <init>()V
java/awt/geom/Rectangle2D$Double <init>(DDDD)V
java/awt/geom/Rectangle2D$Double getX()D
java/awt/geom/Rectangle2D$Double getY()D
java/awt/geom/Rectangle2D$Double getWidth()D
java/awt/geom/Rectangle2D$Double
getHeight()D
java/awt/geom/Rectangle2D$Double isEmpty()Z
java/awt/geom/Rectangle2D$Double setRect(DDDD)V
java/awt/geom/Rectangle2D$Double setRect(Ljava/awt/geom/Rectangle2D;)V
java/awt/geom/Rectangle2D$Double outcode(DD)I
java/awt/geom/Rectangle2D$Double getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/geom/Rectangle2D$Double
createIntersection(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/Rectangle2D;
java/awt/geom/Rectangle2D$Double createUnion(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/Rectangle2D;
java/awt/geom/Rectangle2D$Double toString()Ljava/lang/String;
class java/awt/geom/RoundRectIterator java/lang/Object
java/awt/geom/RoundRectIterator x
java/awt/geom/RoundRectIterator y
java/awt/geom/RoundRectIterator w
java/awt/geom/RoundRectIterator h
java/awt/geom/RoundRectIterator aw
java/awt/geom/RoundRectIterator ah
java/awt/geom/RoundRectIterator affine
java/awt/geom/RoundRectIterator index
java/awt/geom/RoundRectIterator angle

java/awt/geom/RoundRectIterator a
java/awt/geom/RoundRectIterator
b
java/awt/geom/RoundRectIterator c
java/awt/geom/RoundRectIterator cv
java/awt/geom/RoundRectIterator acv
java/awt/geom/RoundRectIterator ctrlpts
java/awt/geom/RoundRectIterator types
java/awt/geom/RoundRectIterator <init>(Ljava/awt/geom/RoundRectangle2D;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/RoundRectIterator getWindingRule()I
java/awt/geom/RoundRectIterator isDone()Z
java/awt/geom/RoundRectIterator next()V
java/awt/geom/RoundRectIterator currentSegment([F)I
java/awt/geom/RoundRectIterator currentSegment([D)I
java/awt/geom/RoundRectIterator <clinit>()V
class java/awt/geom/RoundRectangle2D$Double java/awt/geom/RoundRectangle2D
java/awt/geom/RoundRectangle2D$Double x
java/awt/geom/RoundRectangle2D$Double y
java/awt/geom/RoundRectangle2D$Double width
java/awt/geom/RoundRectangle2D$Double height
java/awt/geom/RoundRectangle2D$Double arcwidth
java/awt/geom/RoundRectangle2D$Double archeight
java/awt/geom/RoundRectangle2D$Double <init>()V
java/awt/geom/RoundRectangle2D$Double
<init>(DDDDDD)V
java/awt/geom/RoundRectangle2D$Double getX()D
java/awt/geom/RoundRectangle2D$Double getY()D
java/awt/geom/RoundRectangle2D$Double getWidth()D
java/awt/geom/RoundRectangle2D$Double getHeight()D
java/awt/geom/RoundRectangle2D$Double getArcWidth()D
java/awt/geom/RoundRectangle2D$Double getArcHeight()D
java/awt/geom/RoundRectangle2D$Double isEmpty()Z
java/awt/geom/RoundRectangle2D$Double setRoundRect(DDDDDD)V
java/awt/geom/RoundRectangle2D$Double setRoundRect(Ljava/awt/geom/RoundRectangle2D;)V
java/awt/geom/RoundRectangle2D$Double getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/RoundRectangle2D$Float java/awt/geom/RoundRectangle2D
java/awt/geom/RoundRectangle2D$Float x
java/awt/geom/RoundRectangle2D$Float y
java/awt/geom/RoundRectangle2D$Float width
java/awt/geom/RoundRectangle2D$Float height
java/awt/geom/RoundRectangle2D$Float arcwidth
java/awt/geom/RoundRectangle2D$Float archeight
java/awt/geom/RoundRectangle2D$Float <init>()V
java/awt/geom/RoundRectangle2D$Float
<init>(FFFFFF)V
java/awt/geom/RoundRectangle2D$Float getX()D
java/awt/geom/RoundRectangle2D$Float getY()D
java/awt/geom/RoundRectangle2D$Float getWidth()D

java/awt/geom/RoundRectangle2D$Float getHeight()D
java/awt/geom/RoundRectangle2D$Float getArcWidth()D
java/awt/geom/RoundRectangle2D$Float getArcHeight()D
java/awt/geom/RoundRectangle2D$Float isEmpty()Z
java/awt/geom/RoundRectangle2D$Float setRoundRect(FFFFFF)V
java/awt/geom/RoundRectangle2D$Float setRoundRect(DDDDDD)V
java/awt/geom/RoundRectangle2D$Float setRoundRect(Ljava/awt/geom/RoundRectangle2D;)V
java/awt/geom/RoundRectangle2D$Float getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/RoundRectangle2D java/awt/geom/RectangularShape
java/awt/geom/RoundRectangle2D <init>()V
java/awt/geom/RoundRectangle2D getArcWidth()D
java/awt/geom/RoundRectangle2D getArcHeight()D
java/awt/geom/RoundRectangle2D setRoundRect(DDDDDD)V
java/awt/geom/RoundRectangle2D setRoundRect(Ljava/awt/geom/RoundRectangle2D;)V
java/awt/geom/RoundRectangle2D
setFrame(DDDD)V
java/awt/geom/RoundRectangle2D contains(DD)Z
java/awt/geom/RoundRectangle2D classify(DDDD)I
java/awt/geom/RoundRectangle2D intersects(DDDD)Z
java/awt/geom/RoundRectangle2D contains(DDDD)Z
java/awt/geom/RoundRectangle2D getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
class java/awt/im/InputSubset java/lang/Character$Subset
java/awt/im/InputSubset LATIN
java/awt/im/InputSubset LATIN_DIGITS
java/awt/im/InputSubset TRADITIONAL_HANZI
java/awt/im/InputSubset SIMPLIFIED_HANZI
java/awt/im/InputSubset KANJI
java/awt/im/InputSubset HANJA
java/awt/im/InputSubset HALFWIDTH_KATAKANA
java/awt/im/InputSubset FULLWIDTH_LATIN
java/awt/im/InputSubset FULLWIDTH_DIGITS
java/awt/im/InputSubset <init>(Ljava/lang/String;)V
java/awt/im/InputSubset <clinit>()V
class java/awt/image/AffineTransformOp java/lang/Object
java/awt/image/AffineTransformOp xform
java/awt/image/AffineTransformOp hints
java/awt/image/AffineTransformOp TYPE_NEAREST_NEIGHBOR
java/awt/image/AffineTransformOp
TYPE_BILINEAR
java/awt/image/AffineTransformOp TYPE_BICUBIC
java/awt/image/AffineTransformOp interpolationType
java/awt/image/AffineTransformOp <init>(Ljava/awt/geom/AffineTransform;Ljava/awt/RenderingHints;)V
java/awt/image/AffineTransformOp <init>(Ljava/awt/geom/AffineTransform;I)V
java/awt/image/AffineTransformOp getInterpolationType()I
java/awt/image/AffineTransformOp
filter(Ljava/awt/image/BufferedImage;Ljava/awt/image/BufferedImage;)Ljava/awt/image/BufferedImage;
java/awt/image/AffineTransformOp
filter(Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;

java/awt/image/AffineTransformOp getBounds2D(Ljava/awt/image/BufferedImage;)Ljava/awt/geom/Rectangle2D;
java/awt/image/AffineTransformOp getBounds2D(Ljava/awt/image/Raster;)Ljava/awt/geom/Rectangle2D;
java/awt/image/AffineTransformOp
createCompatibleDestImage(Ljava/awt/image/BufferedImage;Ljava/awt/image/ColorModel;)Ljava/awt/image/Buff
eredImage;
java/awt/image/AffineTransformOp
createCompatibleDestRaster(Ljava/awt/image/Raster;)Ljava/awt/image/WritableRaster;
java/awt/image/AffineTransformOp
getPoint2D(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/image/AffineTransformOp getTransform()Ljava/awt/geom/AffineTransform;
java/awt/image/AffineTransformOp getRenderingHints()Ljava/awt/RenderingHints;
java/awt/image/AffineTransformOp validateTransform(Ljava/awt/geom/AffineTransform;)V
class java/awt/image/AreaAveragingScaleFilter java/awt/image/ReplicateScaleFilter
java/awt/image/AreaAveragingScaleFilter rgbmodel
java/awt/image/AreaAveragingScaleFilter neededHints
java/awt/image/AreaAveragingScaleFilter passthrough
java/awt/image/AreaAveragingScaleFilter reds
java/awt/image/AreaAveragingScaleFilter greens
java/awt/image/AreaAveragingScaleFilter blues
java/awt/image/AreaAveragingScaleFilter alphas
java/awt/image/AreaAveragingScaleFilter savedy
java/awt/image/AreaAveragingScaleFilter savedyrem
java/awt/image/AreaAveragingScaleFilter
<init>(II)V
java/awt/image/AreaAveragingScaleFilter setHints(I)V
java/awt/image/AreaAveragingScaleFilter makeAccumBuffers()V
java/awt/image/AreaAveragingScaleFilter calcRow()[I
java/awt/image/AreaAveragingScaleFilter accumPixels(IIIILjava/awt/image/ColorModel;Ljava/lang/Object;II)V
java/awt/image/AreaAveragingScaleFilter setPixels(IIIILjava/awt/image/ColorModel;[BII)V
java/awt/image/AreaAveragingScaleFilter setPixels(IIIILjava/awt/image/ColorModel;[III)V
java/awt/image/AreaAveragingScaleFilter <clinit>()V
class java/awt/image/BandCombineOp java/lang/Object
java/awt/image/BandCombineOp matrix
java/awt/image/BandCombineOp nrows
java/awt/image/BandCombineOp ncols
java/awt/image/BandCombineOp hints
java/awt/image/BandCombineOp <init>([[FLjava/awt/RenderingHints;)V
java/awt/image/BandCombineOp getMatrix()[[F
java/awt/image/BandCombineOp
filter(Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/BandCombineOp getBounds2D(Ljava/awt/image/Raster;)Ljava/awt/geom/Rectangle2D;
java/awt/image/BandCombineOp
createCompatibleDestRaster(Ljava/awt/image/Raster;)Ljava/awt/image/WritableRaster;
java/awt/image/BandCombineOp
getPoint2D(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/image/BandCombineOp getRenderingHints()Ljava/awt/RenderingHints;
class java/awt/image/BandedSampleModel java/awt/image/ComponentSampleModel
java/awt/image/BandedSampleModel <init>(IIII)V

java/awt/image/BandedSampleModel <init>(IIII[I[I)V
java/awt/image/BandedSampleModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/BandedSampleModel createSubsetSampleModel([I)Ljava/awt/image/SampleModel;
java/awt/image/BandedSampleModel createDataBuffer()Ljava/awt/image/DataBuffer;
java/awt/image/BandedSampleModel
getDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)Ljava/lang/Object;
java/awt/image/BandedSampleModel getPixel(II[ILjava/awt/image/DataBuffer;)[I
java/awt/image/BandedSampleModel
getPixels(IIII[ILjava/awt/image/DataBuffer;)[I
java/awt/image/BandedSampleModel getSample(IIILjava/awt/image/DataBuffer;)I
java/awt/image/BandedSampleModel getSampleFloat(IIILjava/awt/image/DataBuffer;)F
java/awt/image/BandedSampleModel getSampleDouble(IIILjava/awt/image/DataBuffer;)D
java/awt/image/BandedSampleModel getSamples(IIII[ILjava/awt/image/DataBuffer;)[I
java/awt/image/BandedSampleModel setDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)V
java/awt/image/BandedSampleModel setPixel(II[ILjava/awt/image/DataBuffer;)V
java/awt/image/BandedSampleModel setPixels(IIII[ILjava/awt/image/DataBuffer;)V
java/awt/image/BandedSampleModel setSample(IIIILjava/awt/image/DataBuffer;)V
java/awt/image/BandedSampleModel setSample(IIIFLjava/awt/image/DataBuffer;)V
java/awt/image/BandedSampleModel setSample(IIIDLjava/awt/image/DataBuffer;)V
java/awt/image/BandedSampleModel setSamples(IIII[ILjava/awt/image/DataBuffer;)V
java/awt/image/BandedSampleModel createOffsetArray(I)[I
java/awt/image/BandedSampleModel
createIndicesArray(I)[I
java/awt/image/BandedSampleModel hashCode()I
class java/awt/image/BufferedImageFilter java/awt/image/ImageFilter
java/awt/image/BufferedImageFilter bufferedImageOp
java/awt/image/BufferedImageFilter model
java/awt/image/BufferedImageFilter width
java/awt/image/BufferedImageFilter height
java/awt/image/BufferedImageFilter bytePixels
java/awt/image/BufferedImageFilter intPixels
java/awt/image/BufferedImageFilter <init>(Ljava/awt/image/BufferedImageOp;)V
java/awt/image/BufferedImageFilter getBufferedImageOp()Ljava/awt/image/BufferedImageOp;
java/awt/image/BufferedImageFilter setDimensions(II)V
java/awt/image/BufferedImageFilter setColorModel(Ljava/awt/image/ColorModel;)V
java/awt/image/BufferedImageFilter convertToRGB()V
java/awt/image/BufferedImageFilter setPixels(IIIILjava/awt/image/ColorModel;[BII)V
java/awt/image/BufferedImageFilter setPixels(IIIILjava/awt/image/ColorModel;[III)V
java/awt/image/BufferedImageFilter imageComplete(I)V
java/awt/image/BufferedImageFilter
createDCMraster()Ljava/awt/image/WritableRaster;
class java/awt/image/BufferedImageOp java/lang/Object
java/awt/image/BufferedImageOp
filter(Ljava/awt/image/BufferedImage;Ljava/awt/image/BufferedImage;)Ljava/awt/image/BufferedImage;
java/awt/image/BufferedImageOp getBounds2D(Ljava/awt/image/BufferedImage;)Ljava/awt/geom/Rectangle2D;
java/awt/image/BufferedImageOp
createCompatibleDestImage(Ljava/awt/image/BufferedImage;Ljava/awt/image/ColorModel;)Ljava/awt/image/Buff
eredImage;

java/awt/image/BufferedImageOp
getPoint2D(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/image/BufferedImageOp getRenderingHints()Ljava/awt/RenderingHints;
class java/awt/image/ByteLookupTable java/awt/image/LookupTable
java/awt/image/ByteLookupTable data
java/awt/image/ByteLookupTable <init>(I[[B)V
java/awt/image/ByteLookupTable <init>(I[B)V
java/awt/image/ByteLookupTable getTable()[[B
java/awt/image/ByteLookupTable lookupPixel([I[I)[I
java/awt/image/ByteLookupTable
lookupPixel([B[B)[B
class java/awt/image/ColorConvertOp java/lang/Object
java/awt/image/ColorConvertOp profileList
java/awt/image/ColorConvertOp CSList
java/awt/image/ColorConvertOp thisTransform
java/awt/image/ColorConvertOp thisRasterTransform
java/awt/image/ColorConvertOp thisSrcProfile
java/awt/image/ColorConvertOp thisDestProfile
java/awt/image/ColorConvertOp hints
java/awt/image/ColorConvertOp gotProfiles
java/awt/image/ColorConvertOp srcMinVals
java/awt/image/ColorConvertOp srcMaxVals
java/awt/image/ColorConvertOp dstMinVals
java/awt/image/ColorConvertOp dstMaxVals
java/awt/image/ColorConvertOp <init>(Ljava/awt/RenderingHints;)V
java/awt/image/ColorConvertOp <init>(Ljava/awt/color/ColorSpace;Ljava/awt/RenderingHints;)V
java/awt/image/ColorConvertOp
<init>(Ljava/awt/color/ColorSpace;Ljava/awt/color/ColorSpace;Ljava/awt/RenderingHints;)V
java/awt/image/ColorConvertOp <init>([Ljava/awt/color/ICC_Profile;Ljava/awt/RenderingHints;)V
java/awt/image/ColorConvertOp getICC_Profiles()[Ljava/awt/color/ICC_Profile;
java/awt/image/ColorConvertOp
filter(Ljava/awt/image/BufferedImage;Ljava/awt/image/BufferedImage;)Ljava/awt/image/BufferedImage;
java/awt/image/ColorConvertOp
ICCBIFilter(Ljava/awt/image/BufferedImage;Ljava/awt/color/ColorSpace;Ljava/awt/image/BufferedImage;Ljava/awt/color/ColorSpace;)Ljava/awt/image/BufferedImage;
java/awt/image/ColorConvertOp updateBITransform(Ljava/awt/color/ICC_Profile;Ljava/awt/color/ICC_Profile;)V
java/awt/image/ColorConvertOp
filter(Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/ColorConvertOp getBounds2D(Ljava/awt/image/BufferedImage;)Ljava/awt/geom/Rectangle2D;
java/awt/image/ColorConvertOp getBounds2D(Ljava/awt/image/Raster;)Ljava/awt/geom/Rectangle2D;
java/awt/image/ColorConvertOp
createCompatibleDestImage(Ljava/awt/image/BufferedImage;Ljava/awt/image/ColorModel;)Ljava/awt/image/BufferedImage;
java/awt/image/ColorConvertOp
createCompatibleDestImage(Ljava/awt/image/BufferedImage;Ljava/awt/image/ColorModel;Ljava/awt/color/ColorSpace;)Ljava/awt/image/BufferedImage;
java/awt/image/ColorConvertOp

createCompatibleDestRaster(Ljava/awt/image/Raster;)Ljava/awt/image/WritableRaster;
java/awt/image/ColorConvertOp
getPoint2D(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/image/ColorConvertOp getRenderingIntent(Ljava/awt/color/ICC_Profile;)I
java/awt/image/ColorConvertOp getRenderingHints()Ljava/awt/RenderingHints;
java/awt/image/ColorConvertOp
nonICCBIFilter(Ljava/awt/image/BufferedImage;Ljava/awt/color/ColorSpace;Ljava/awt/image/BufferedImage;Ljava/awt/color/ColorSpace;)Ljava/awt/image/BufferedImage;
java/awt/image/ColorConvertOp
nonICCRasterFilter(Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/ColorConvertOp
getMinMaxValsFromProfiles(Ljava/awt/color/ICC_Profile;Ljava/awt/color/ICC_Profile;)V
java/awt/image/ColorConvertOp setMinMax(II[F[F)V
java/awt/image/ColorConvertOp
getMinMaxValsFromColorSpaces(Ljava/awt/color/ColorSpace;Ljava/awt/color/ColorSpace;)V
java/awt/image/ColorConvertOp <clinit>()V
class java/awt/image/ComponentColorModel java/awt/image/ColorModel
java/awt/image/ComponentColorModel signed
java/awt/image/ComponentColorModel is_sRGB_stdScale
java/awt/image/ComponentColorModel is_LinearRGB_stdScale
java/awt/image/ComponentColorModel is_LinearGray_stdScale
java/awt/image/ComponentColorModel is_ICCGray_stdScale
java/awt/image/ComponentColorModel tosRGB8LUT
java/awt/image/ComponentColorModel fromsRGB8LUT8
java/awt/image/ComponentColorModel fromsRGB8LUT16
java/awt/image/ComponentColorModel fromLinearGray16ToOtherGray8LUT
java/awt/image/ComponentColorModel fromLinearGray16ToOtherGray16LUT
java/awt/image/ComponentColorModel needScaleInit
java/awt/image/ComponentColorModel noUnnorm
java/awt/image/ComponentColorModel nonStdScale
java/awt/image/ComponentColorModel min
java/awt/image/ComponentColorModel diffMinMax
java/awt/image/ComponentColorModel
compOffset
java/awt/image/ComponentColorModel compScale
java/awt/image/ComponentColorModel <init>(Ljava/awt/color/ColorSpace;[IZZII)V
java/awt/image/ComponentColorModel <init>(Ljava/awt/color/ColorSpace;ZZII)V
java/awt/image/ComponentColorModel bitsHelper(ILjava/awt/color/ColorSpace;Z)I
java/awt/image/ComponentColorModel bitsArrayHelper([IILjava/awt/color/ColorSpace;Z)[I
java/awt/image/ComponentColorModel setupLUTs()V
java/awt/image/ComponentColorModel initScale()V
java/awt/image/ComponentColorModel getRGBComponent(II)I
java/awt/image/ComponentColorModel getRed(I)I
java/awt/image/ComponentColorModel getGreen(I)I
java/awt/image/ComponentColorModel getBlue(I)I
java/awt/image/ComponentColorModel getAlpha(I)I
java/awt/image/ComponentColorModel getRGB(I)I
java/awt/image/ComponentColorModel extractComponent(Ljava/lang/Object;II)I

java/awt/image/ComponentColorModel getRGBComponent(Ljava/lang/Object;I)I
java/awt/image/ComponentColorModel getRed(Ljava/lang/Object;)I
java/awt/image/ComponentColorModel
getGreen(Ljava/lang/Object;)I
java/awt/image/ComponentColorModel getBlue(Ljava/lang/Object;)I
java/awt/image/ComponentColorModel getAlpha(Ljava/lang/Object;)I
java/awt/image/ComponentColorModel getRGB(Ljava/lang/Object;)I
java/awt/image/ComponentColorModel getDataElements(ILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/ComponentColorModel getComponents(I[II)[I
java/awt/image/ComponentColorModel getComponents(Ljava/lang/Object;[II)[I
java/awt/image/ComponentColorModel getUnnormalizedComponents([FI[II)[I
java/awt/image/ComponentColorModel getNormalizedComponents([II[FI)[F
java/awt/image/ComponentColorModel getDataElement([II)I
java/awt/image/ComponentColorModel getDataElements([IILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/ComponentColorModel getDataElement([FI)I
java/awt/image/ComponentColorModel getDataElements([FILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/ComponentColorModel getNormalizedComponents(Ljava/lang/Object;[FI)[F
java/awt/image/ComponentColorModel
coerceData(Ljava/awt/image/WritableRaster;Z)Ljava/awt/image/ColorModel;
java/awt/image/ComponentColorModel isCompatibleRaster(Ljava/awt/image/Raster;)Z
java/awt/image/ComponentColorModel createCompatibleWritableRaster(II)Ljava/awt/image/WritableRaster;
java/awt/image/ComponentColorModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/ComponentColorModel isCompatibleSampleModel(Ljava/awt/image/SampleModel;)Z
java/awt/image/ComponentColorModel
getAlphaRaster(Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/ComponentColorModel equals(Ljava/lang/Object;)Z
class java/awt/image/ConvolveOp java/lang/Object
java/awt/image/ConvolveOp kernel
java/awt/image/ConvolveOp edgeHint
java/awt/image/ConvolveOp hints
java/awt/image/ConvolveOp EDGE_ZERO_FILL
java/awt/image/ConvolveOp EDGE_NO_OP
java/awt/image/ConvolveOp <init>(Ljava/awt/image/Kernel;ILjava/awt/RenderingHints;)V
java/awt/image/ConvolveOp <init>(Ljava/awt/image/Kernel;)V
java/awt/image/ConvolveOp
getEdgeCondition()I
java/awt/image/ConvolveOp getKernel()Ljava/awt/image/Kernel;
java/awt/image/ConvolveOp
filter(Ljava/awt/image/BufferedImage;Ljava/awt/image/BufferedImage;)Ljava/awt/image/BufferedImage;
java/awt/image/ConvolveOp
filter(Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/ConvolveOp
createCompatibleDestImage(Ljava/awt/image/BufferedImage;Ljava/awt/image/ColorModel;)Ljava/awt/image/Buff
eredImage;
java/awt/image/ConvolveOp
createCompatibleDestRaster(Ljava/awt/image/Raster;)Ljava/awt/image/WritableRaster;
java/awt/image/ConvolveOp getBounds2D(Ljava/awt/image/BufferedImage;)Ljava/awt/geom/Rectangle2D;
java/awt/image/ConvolveOp getBounds2D(Ljava/awt/image/Raster;)Ljava/awt/geom/Rectangle2D;

java/awt/image/ConvolveOp
getPoint2D(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/image/ConvolveOp getRenderingHints()Ljava/awt/RenderingHints;
class java/awt/image/CropImageFilter
 java/awt/image/ImageFilter
java/awt/image/CropImageFilter cropX
java/awt/image/CropImageFilter cropY
java/awt/image/CropImageFilter cropW
java/awt/image/CropImageFilter cropH
java/awt/image/CropImageFilter <init>(IIII)V
java/awt/image/CropImageFilter setProperties(Ljava/util/Hashtable;)V
java/awt/image/CropImageFilter setDimensions(II)V
java/awt/image/CropImageFilter setPixels(IIIILjava/awt/image/ColorModel;[BII)V
java/awt/image/CropImageFilter setPixels(IIIILjava/awt/image/ColorModel;[III)V
java/awt/image/CropImageFilter addWithoutOverflow(II)I
class java/awt/image/DataBufferDouble java/awt/image/DataBuffer
java/awt/image/DataBufferDouble bankdata
java/awt/image/DataBufferDouble data
java/awt/image/DataBufferDouble <init>(I)V
java/awt/image/DataBufferDouble <init>(II)V
java/awt/image/DataBufferDouble <init>([DI)V
java/awt/image/DataBufferDouble <init>([DII)V
java/awt/image/DataBufferDouble <init>([[DI)V
java/awt/image/DataBufferDouble <init>([[DI[I)V
java/awt/image/DataBufferDouble
 getData()[D
java/awt/image/DataBufferDouble getData(I)[D
java/awt/image/DataBufferDouble getBankData()[[D
java/awt/image/DataBufferDouble getElem(I)I
java/awt/image/DataBufferDouble getElem(II)I
java/awt/image/DataBufferDouble setElem(II)V
java/awt/image/DataBufferDouble setElem(III)V
java/awt/image/DataBufferDouble getElemFloat(I)F
java/awt/image/DataBufferDouble getElemFloat(II)F
java/awt/image/DataBufferDouble setElemFloat(IF)V
java/awt/image/DataBufferDouble setElemFloat(IIF)V
java/awt/image/DataBufferDouble getElemDouble(I)D
java/awt/image/DataBufferDouble getElemDouble(II)D
java/awt/image/DataBufferDouble setElemDouble(ID)V
java/awt/image/DataBufferDouble setElemDouble(IID)V
class java/awt/image/DataBufferFloat java/awt/image/DataBuffer
java/awt/image/DataBufferFloat bankdata
java/awt/image/DataBufferFloat data
java/awt/image/DataBufferFloat <init>(I)V
java/awt/image/DataBufferFloat <init>(II)V
java/awt/image/DataBufferFloat <init>([FI)V
java/awt/image/DataBufferFloat <init>([FII)V
java/awt/image/DataBufferFloat

<init>([[FI)V
java/awt/image/DataBufferFloat <init>([[FI[I)V
java/awt/image/DataBufferFloat getData()[F
java/awt/image/DataBufferFloat getData(I)[F
java/awt/image/DataBufferFloat getBankData()[[F
java/awt/image/DataBufferFloat getElem(I)I
java/awt/image/DataBufferFloat getElem(II)I
java/awt/image/DataBufferFloat setElem(II)V
java/awt/image/DataBufferFloat setElem(III)V
java/awt/image/DataBufferFloat getElemFloat(I)F
java/awt/image/DataBufferFloat getElemFloat(II)F
java/awt/image/DataBufferFloat setElemFloat(IF)V
java/awt/image/DataBufferFloat setElemFloat(IIF)V
java/awt/image/DataBufferFloat getElemDouble(I)D
java/awt/image/DataBufferFloat getElemDouble(II)D
java/awt/image/DataBufferFloat setElemDouble(ID)V
java/awt/image/DataBufferFloat setElemDouble(IID)V
class java/awt/image/DataBufferShort java/awt/image/DataBuffer
java/awt/image/DataBufferShort data
java/awt/image/DataBufferShort bankdata
java/awt/image/DataBufferShort <init>(I)V
java/awt/image/DataBufferShort
<init>(II)V
java/awt/image/DataBufferShort <init>([SI)V
java/awt/image/DataBufferShort <init>([SII)V
java/awt/image/DataBufferShort <init>([[SI)V
java/awt/image/DataBufferShort <init>([[SI[I)V
java/awt/image/DataBufferShort getData()[S
java/awt/image/DataBufferShort getData(I)[S
java/awt/image/DataBufferShort getBankData()[[S
java/awt/image/DataBufferShort getElem(I)I
java/awt/image/DataBufferShort getElem(II)I
java/awt/image/DataBufferShort setElem(II)V
java/awt/image/DataBufferShort setElem(III)V
class java/awt/image/DataBufferUShort java/awt/image/DataBuffer
java/awt/image/DataBufferUShort data
java/awt/image/DataBufferUShort bankdata
java/awt/image/DataBufferUShort <init>(I)V
java/awt/image/DataBufferUShort <init>(II)V
java/awt/image/DataBufferUShort <init>([SI)V
java/awt/image/DataBufferUShort <init>([SII)V
java/awt/image/DataBufferUShort <init>([[SI)V
java/awt/image/DataBufferUShort <init>([[SI[I)V
java/awt/image/DataBufferUShort getData()[S
java/awt/image/DataBufferUShort
getData(I)[S
java/awt/image/DataBufferUShort getBankData()[[S
java/awt/image/DataBufferUShort getElem(I)I

java/awt/image/DataBufferUShort getElem(II)I
java/awt/image/DataBufferUShort setElem(II)V
java/awt/image/DataBufferUShort setElem(III)V
class java/awt/image/ImagingOpException java/lang/RuntimeException
java/awt/image/ImagingOpException <init>(Ljava/lang/String;)V
class java/awt/image/Kernel java/lang/Object
java/awt/image/Kernel width
java/awt/image/Kernel height
java/awt/image/Kernel xOrigin
java/awt/image/Kernel yOrigin
java/awt/image/Kernel data
java/awt/image/Kernel initIDs()V
java/awt/image/Kernel <init>(II[F)V
java/awt/image/Kernel getXOrigin()I
java/awt/image/Kernel getYOrigin()I
java/awt/image/Kernel getWidth()I
java/awt/image/Kernel getHeight()I
java/awt/image/Kernel getKernelData([F)[F
java/awt/image/Kernel clone()Ljava/lang/Object;
java/awt/image/Kernel <clinit>()V
class java/awt/image/LookupOp java/lang/Object
java/awt/image/LookupOp ltable
java/awt/image/LookupOp
numComponents
java/awt/image/LookupOp hints
java/awt/image/LookupOp <init>(Ljava/awt/image/LookupTable;Ljava/awt/RenderingHints;)V
java/awt/image/LookupOp getTable()Ljava/awt/image/LookupTable;
java/awt/image/LookupOp
filter(Ljava/awt/image/BufferedImage;Ljava/awt/image/BufferedImage;)Ljava/awt/image/BufferedImage;
java/awt/image/LookupOp
filter(Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/LookupOp getBounds2D(Ljava/awt/image/BufferedImage;)Ljava/awt/geom/Rectangle2D;
java/awt/image/LookupOp getBounds2D(Ljava/awt/image/Raster;)Ljava/awt/geom/Rectangle2D;
java/awt/image/LookupOp
createCompatibleDestImage(Ljava/awt/image/BufferedImage;Ljava/awt/image/ColorModel;)Ljava/awt/image/BufferedImage;
java/awt/image/LookupOp createCompatibleDestRaster(Ljava/awt/image/Raster;)Ljava/awt/image/WritableRaster;
java/awt/image/LookupOp
getPoint2D(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/image/LookupOp getRenderingHints()Ljava/awt/RenderingHints;
java/awt/image/LookupOp
byteFilter(Ljava/awt/image/ByteLookupTable;Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;III)V
java/awt/image/LookupOp
shortFilter(Ljava/awt/image/ShortLookupTable;Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;III)V
class java/awt/image/LookupTable java/lang/Object
java/awt/image/LookupTable numComponents
java/awt/image/LookupTable offset
java/awt/image/LookupTable numEntries

java/awt/image/LookupTable <init>(II)V
java/awt/image/LookupTable getNumComponents()I
java/awt/image/LookupTable getOffset()I
java/awt/image/LookupTable lookupPixel([I[I)[I
class java/awt/image/MemoryImageSource java/lang/Object
java/awt/image/MemoryImageSource width
java/awt/image/MemoryImageSource height
java/awt/image/MemoryImageSource model
java/awt/image/MemoryImageSource pixels
java/awt/image/MemoryImageSource pixeloffset
java/awt/image/MemoryImageSource pixelscan
java/awt/image/MemoryImageSource properties
java/awt/image/MemoryImageSource
theConsumers
java/awt/image/MemoryImageSource animating
java/awt/image/MemoryImageSource fullbuffers
java/awt/image/MemoryImageSource <init>(IILjava/awt/image/ColorModel;[BII)V
java/awt/image/MemoryImageSource <init>(IILjava/awt/image/ColorModel;[BIILjava/util/Hashtable;)V
java/awt/image/MemoryImageSource <init>(IILjava/awt/image/ColorModel;[III)V
java/awt/image/MemoryImageSource <init>(IILjava/awt/image/ColorModel;[IIILjava/util/Hashtable;)V
java/awt/image/MemoryImageSource
initialize(IILjava/awt/image/ColorModel;Ljava/lang/Object;IILjava/util/Hashtable;)V
java/awt/image/MemoryImageSource <init>(II[III)V
java/awt/image/MemoryImageSource <init>(II[IIILjava/util/Hashtable;)V
java/awt/image/MemoryImageSource addConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/MemoryImageSource isConsumer(Ljava/awt/image/ImageConsumer;)Z
java/awt/image/MemoryImageSource removeConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/MemoryImageSource startProduction(Ljava/awt/image/ImageConsumer;)V
java/awt/image/MemoryImageSource
requestTopDownLeftRightResend(Ljava/awt/image/ImageConsumer;)V
java/awt/image/MemoryImageSource setAnimated(Z)V
java/awt/image/MemoryImageSource setFullBufferUpdates(Z)V
java/awt/image/MemoryImageSource newPixels()V
java/awt/image/MemoryImageSource newPixels(IIII)V
java/awt/image/MemoryImageSource newPixels(IIIIZ)V
java/awt/image/MemoryImageSource newPixels([BLjava/awt/image/ColorModel;II)V
java/awt/image/MemoryImageSource newPixels([ILjava/awt/image/ColorModel;II)V
java/awt/image/MemoryImageSource initConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/MemoryImageSource sendPixels(Ljava/awt/image/ImageConsumer;IIII)V
class java/awt/image/MultiPixelPackedSampleModel java/awt/image/SampleModel
java/awt/image/MultiPixelPackedSampleModel pixelBitStride
java/awt/image/MultiPixelPackedSampleModel bitMask
java/awt/image/MultiPixelPackedSampleModel pixelsPerDataElement
java/awt/image/MultiPixelPackedSampleModel dataElementSize
java/awt/image/MultiPixelPackedSampleModel
dataBitOffset
java/awt/image/MultiPixelPackedSampleModel scanlineStride
java/awt/image/MultiPixelPackedSampleModel <init>(IIII)V

java/awt/image/MultiPixelPackedSampleModel <init>(IIIIII)V
java/awt/image/MultiPixelPackedSampleModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/MultiPixelPackedSampleModel createDataBuffer()Ljava/awt/image/DataBuffer;
java/awt/image/MultiPixelPackedSampleModel getNumDataElements()I
java/awt/image/MultiPixelPackedSampleModel getSampleSize()[I
java/awt/image/MultiPixelPackedSampleModel getSampleSize(I)I
java/awt/image/MultiPixelPackedSampleModel getOffset(II)I
java/awt/image/MultiPixelPackedSampleModel getBitOffset(I)I
java/awt/image/MultiPixelPackedSampleModel getScanlineStride()I
java/awt/image/MultiPixelPackedSampleModel getPixelBitStride()I
java/awt/image/MultiPixelPackedSampleModel getDataBitOffset()I
java/awt/image/MultiPixelPackedSampleModel getTransferType()I
java/awt/image/MultiPixelPackedSampleModel
createSubsetSampleModel([I)Ljava/awt/image/SampleModel;
java/awt/image/MultiPixelPackedSampleModel getSample(IIILjava/awt/image/DataBuffer;)I
java/awt/image/MultiPixelPackedSampleModel setSample(IIIILjava/awt/image/DataBuffer;)V
java/awt/image/MultiPixelPackedSampleModel
getDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)Ljava/lang/Object;
java/awt/image/MultiPixelPackedSampleModel getPixel(II[ILjava/awt/image/DataBuffer;)[I
java/awt/image/MultiPixelPackedSampleModel
setDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)V
java/awt/image/MultiPixelPackedSampleModel setPixel(II[ILjava/awt/image/DataBuffer;)V
java/awt/image/MultiPixelPackedSampleModel equals(Ljava/lang/Object;)Z
java/awt/image/MultiPixelPackedSampleModel hashCode()I
class java/awt/image/PixelGrabber java/lang/Object
java/awt/image/PixelGrabber producer
java/awt/image/PixelGrabber dstX
java/awt/image/PixelGrabber dstY
java/awt/image/PixelGrabber dstW
java/awt/image/PixelGrabber dstH
java/awt/image/PixelGrabber
imageModel
java/awt/image/PixelGrabber bytePixels
java/awt/image/PixelGrabber intPixels
java/awt/image/PixelGrabber dstOff
java/awt/image/PixelGrabber dstScan
java/awt/image/PixelGrabber grabbing
java/awt/image/PixelGrabber flags
java/awt/image/PixelGrabber GRABBEDBITS
java/awt/image/PixelGrabber DONEBITS
java/awt/image/PixelGrabber <init>(Ljava/awt/Image;IIII[III)V
java/awt/image/PixelGrabber <init>(Ljava/awt/image/ImageProducer;IIII[III)V
java/awt/image/PixelGrabber <init>(Ljava/awt/Image;IIIIZ)V
java/awt/image/PixelGrabber startGrabbing()V
java/awt/image/PixelGrabber abortGrabbing()V
java/awt/image/PixelGrabber grabPixels()Z
java/awt/image/PixelGrabber grabPixels(J)Z
java/awt/image/PixelGrabber getStatus()I

java/awt/image/PixelGrabber getWidth()I
java/awt/image/PixelGrabber getHeight()I
java/awt/image/PixelGrabber getPixels()Ljava/lang/Object;
java/awt/image/PixelGrabber getColorModel()Ljava/awt/image/ColorModel;
java/awt/image/PixelGrabber setDimensions(II)V
java/awt/image/PixelGrabber
setHints(I)V
java/awt/image/PixelGrabber setProperties(Ljava/util/Hashtable;)V
java/awt/image/PixelGrabber setColorModel(Ljava/awt/image/ColorModel;)V
java/awt/image/PixelGrabber convertToRGB()V
java/awt/image/PixelGrabber setPixels(IIIILjava/awt/image/ColorModel;[BII)V
java/awt/image/PixelGrabber setPixels(IIIILjava/awt/image/ColorModel;[III)V
java/awt/image/PixelGrabber imageComplete(I)V
java/awt/image/PixelGrabber status()I
class java/awt/image/RasterFormatException java/lang/RuntimeException
java/awt/image/RasterFormatException <init>(Ljava/lang/String;)V
class java/awt/image/RasterOp java/lang/Object
java/awt/image/RasterOp
filter(Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/RasterOp getBounds2D(Ljava/awt/image/Raster;)Ljava/awt/geom/Rectangle2D;
java/awt/image/RasterOp createCompatibleDestRaster(Ljava/awt/image/Raster;)Ljava/awt/image/WritableRaster;
java/awt/image/RasterOp
getPoint2D(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/image/RasterOp
getRenderingHints()Ljava/awt/RenderingHints;
class java/awt/image/ReplicateScaleFilter java/awt/image/ImageFilter
java/awt/image/ReplicateScaleFilter srcWidth
java/awt/image/ReplicateScaleFilter srcHeight
java/awt/image/ReplicateScaleFilter destWidth
java/awt/image/ReplicateScaleFilter destHeight
java/awt/image/ReplicateScaleFilter srcrows
java/awt/image/ReplicateScaleFilter srccols
java/awt/image/ReplicateScaleFilter outpixbuf
java/awt/image/ReplicateScaleFilter <init>(II)V
java/awt/image/ReplicateScaleFilter setProperties(Ljava/util/Hashtable;)V
java/awt/image/ReplicateScaleFilter setDimensions(II)V
java/awt/image/ReplicateScaleFilter calculateMaps()V
java/awt/image/ReplicateScaleFilter setPixels(IIIILjava/awt/image/ColorModel;[BII)V
java/awt/image/ReplicateScaleFilter setPixels(IIIILjava/awt/image/ColorModel;[III)V
class java/awt/image/RescaleOp java/lang/Object
java/awt/image/RescaleOp scaleFactors
java/awt/image/RescaleOp
offsets
java/awt/image/RescaleOp length
java/awt/image/RescaleOp hints
java/awt/image/RescaleOp srcNbits
java/awt/image/RescaleOp dstNbits
java/awt/image/RescaleOp <init>([F[FLjava/awt/RenderingHints;)V

java/awt/image/RescaleOp <init>(FFLjava/awt/RenderingHints;)V
java/awt/image/RescaleOp getScaleFactors([F)[F
java/awt/image/RescaleOp getOffsets([F)[F
java/awt/image/RescaleOp getNumFactors()I
java/awt/image/RescaleOp createByteLut([F[FII)Ljava/awt/image/ByteLookupTable;
java/awt/image/RescaleOp createShortLut([F[FII)Ljava/awt/image/ShortLookupTable;
java/awt/image/RescaleOp canUseLookup(Ljava/awt/image/Raster;Ljava/awt/image/Raster;)Z
java/awt/image/RescaleOp
filter(Ljava/awt/image/BufferedImage;Ljava/awt/image/BufferedImage;)Ljava/awt/image/BufferedImage;
java/awt/image/RescaleOp
filter(Ljava/awt/image/Raster;Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/RescaleOp getBounds2D(Ljava/awt/image/BufferedImage;)Ljava/awt/geom/Rectangle2D;
java/awt/image/RescaleOp
getBounds2D(Ljava/awt/image/Raster;)Ljava/awt/geom/Rectangle2D;
java/awt/image/RescaleOp
createCompatibleDestImage(Ljava/awt/image/BufferedImage;Ljava/awt/image/ColorModel;)Ljava/awt/image/BufferedImage;
java/awt/image/RescaleOp createCompatibleDestRaster(Ljava/awt/image/Raster;)Ljava/awt/image/WritableRaster;
java/awt/image/RescaleOp
getPoint2D(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/image/RescaleOp getRenderingHints()Ljava/awt/RenderingHints;
class java/awt/image/ShortLookupTable java/awt/image/LookupTable
java/awt/image/ShortLookupTable data
java/awt/image/ShortLookupTable <init>(I[[S)V
java/awt/image/ShortLookupTable <init>(I[S)V
java/awt/image/ShortLookupTable getTable()[[S
java/awt/image/ShortLookupTable lookupPixel([I[I)[I
java/awt/image/ShortLookupTable lookupPixel([S[S)[S
class java/awt/image/TileObserver java/lang/Object
java/awt/image/TileObserver tileUpdate(Ljava/awt/image/WritableRenderedImage;IIZ)V
class
java/awt/image/renderable/ContextualRenderedImageFactory java/lang/Object
java/awt/image/renderable/ContextualRenderedImageFactory
mapRenderContext(ILjava/awt/image/renderable/RenderContext;Ljava/awt/image/renderable/ParameterBlock;Ljava/awt/image/renderable/RenderableImage;)Ljava/awt/image/renderable/RenderContext;
java/awt/image/renderable/ContextualRenderedImageFactory
create(Ljava/awt/image/renderable/RenderContext;Ljava/awt/image/renderable/ParameterBlock;)Ljava/awt/image/RenderedImage;
java/awt/image/renderable/ContextualRenderedImageFactory
getBounds2D(Ljava/awt/image/renderable/ParameterBlock;)Ljava/awt/geom/Rectangle2D;
java/awt/image/renderable/ContextualRenderedImageFactory
getProperty(Ljava/awt/image/renderable/ParameterBlock;Ljava/lang/String;)Ljava/lang/Object;
java/awt/image/renderable/ContextualRenderedImageFactory getPropertyNames()[Ljava/lang/String;
java/awt/image/renderable/ContextualRenderedImageFactory isDynamic()Z
class java/awt/image/renderable/ParameterBlock
java/lang/Object
java/awt/image/renderable/ParameterBlock sources
java/awt/image/renderable/ParameterBlock parameters

java/awt/image/renderable/ParameterBlock <init>()V
java/awt/image/renderable/ParameterBlock <init>(Ljava/util/Vector;)V
java/awt/image/renderable/ParameterBlock <init>(Ljava/util/Vector;Ljava/util/Vector;)V
java/awt/image/renderable/ParameterBlock shallowClone()Ljava/lang/Object;
java/awt/image/renderable/ParameterBlock clone()Ljava/lang/Object;
java/awt/image/renderable/ParameterBlock
addSource(Ljava/lang/Object;)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock getSource(I)Ljava/lang/Object;
java/awt/image/renderable/ParameterBlock
setSource(Ljava/lang/Object;I)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock getRenderedSource(I)Ljava/awt/image/RenderedImage;
java/awt/image/renderable/ParameterBlock getRenderableSource(I)Ljava/awt/image/renderable/RenderableImage;
java/awt/image/renderable/ParameterBlock
getNumSources()I
java/awt/image/renderable/ParameterBlock getSources()Ljava/util/Vector;
java/awt/image/renderable/ParameterBlock setSources(Ljava/util/Vector;)V
java/awt/image/renderable/ParameterBlock removeSources()V
java/awt/image/renderable/ParameterBlock getNumParameters()I
java/awt/image/renderable/ParameterBlock getParameters()Ljava/util/Vector;
java/awt/image/renderable/ParameterBlock setParameters(Ljava/util/Vector;)V
java/awt/image/renderable/ParameterBlock removeParameters()V
java/awt/image/renderable/ParameterBlock add(Ljava/lang/Object;)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock add(B)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock add(C)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock add(S)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock add(I)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock
add(J)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock add(F)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock add(D)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock set(Ljava/lang/Object;I)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock set(BI)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock set(CI)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock set(SI)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock set(II)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock set(JI)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock set(FI)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock set(DI)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/ParameterBlock
getObjectParameter(I)Ljava/lang/Object;
java/awt/image/renderable/ParameterBlock getByteParameter(I)B
java/awt/image/renderable/ParameterBlock getCharParameter(I)C
java/awt/image/renderable/ParameterBlock getShortParameter(I)S
java/awt/image/renderable/ParameterBlock getIntParameter(I)I
java/awt/image/renderable/ParameterBlock getLongParameter(I)J
java/awt/image/renderable/ParameterBlock getFloatParameter(I)F
java/awt/image/renderable/ParameterBlock getDoubleParameter(I)D
java/awt/image/renderable/ParameterBlock getParamClasses()[Ljava/lang/Class;

class java/awt/image/renderable/RenderContext java/lang/Object
java/awt/image/renderable/RenderContext hints
java/awt/image/renderable/RenderContext usr2dev
java/awt/image/renderable/RenderContext aoi
java/awt/image/renderable/RenderContext
<init>(Ljava/awt/geom/AffineTransform;Ljava/awt/Shape;Ljava/awt/RenderingHints;)V
java/awt/image/renderable/RenderContext <init>(Ljava/awt/geom/AffineTransform;)V
java/awt/image/renderable/RenderContext
<init>(Ljava/awt/geom/AffineTransform;Ljava/awt/RenderingHints;)V
java/awt/image/renderable/RenderContext <init>(Ljava/awt/geom/AffineTransform;Ljava/awt/Shape;)V
java/awt/image/renderable/RenderContext getRenderingHints()Ljava/awt/RenderingHints;
java/awt/image/renderable/RenderContext setRenderingHints(Ljava/awt/RenderingHints;)V
java/awt/image/renderable/RenderContext setTransform(Ljava/awt/geom/AffineTransform;)V
java/awt/image/renderable/RenderContext preConcatenateTransform(Ljava/awt/geom/AffineTransform;)V
java/awt/image/renderable/RenderContext preConcetenateTransform(Ljava/awt/geom/AffineTransform;)V
java/awt/image/renderable/RenderContext concatenateTransform(Ljava/awt/geom/AffineTransform;)V
java/awt/image/renderable/RenderContext concetenateTransform(Ljava/awt/geom/AffineTransform;)V
java/awt/image/renderable/RenderContext getTransform()Ljava/awt/geom/AffineTransform;
java/awt/image/renderable/RenderContext setAreaOfInterest(Ljava/awt/Shape;)V
java/awt/image/renderable/RenderContext
getAreaOfInterest()Ljava/awt/Shape;
java/awt/image/renderable/RenderContext clone()Ljava/lang/Object;
class java/awt/image/renderable/RenderableImage java/lang/Object
java/awt/image/renderable/RenderableImage HINTS_OBSERVED
java/awt/image/renderable/RenderableImage getSources()Ljava/util/Vector;
java/awt/image/renderable/RenderableImage getProperty(Ljava/lang/String;)Ljava/lang/Object;
java/awt/image/renderable/RenderableImage getPropertyNames()[Ljava/lang/String;
java/awt/image/renderable/RenderableImage isDynamic()Z
java/awt/image/renderable/RenderableImage getWidth()F
java/awt/image/renderable/RenderableImage getHeight()F
java/awt/image/renderable/RenderableImage getMinX()F
java/awt/image/renderable/RenderableImage getMinY()F
java/awt/image/renderable/RenderableImage
createScaledRendering(IILjava/awt/RenderingHints;)Ljava/awt/image/RenderedImage;
java/awt/image/renderable/RenderableImage createDefaultRendering()Ljava/awt/image/RenderedImage;
java/awt/image/renderable/RenderableImage
createRendering(Ljava/awt/image/renderable/RenderContext;)Ljava/awt/image/RenderedImage;
class java/awt/image/renderable/RenderableImageOp java/lang/Object
java/awt/image/renderable/RenderableImageOp paramBlock
java/awt/image/renderable/RenderableImageOp myCRIF
java/awt/image/renderable/RenderableImageOp boundingBox
java/awt/image/renderable/RenderableImageOp
<init>(Ljava/awt/image/renderable/ContextualRenderedImageFactory;Ljava/awt/image/renderable/ParameterBlock;
)V
java/awt/image/renderable/RenderableImageOp getSources()Ljava/util/Vector;
java/awt/image/renderable/RenderableImageOp getRenderableSources()Ljava/util/Vector;
java/awt/image/renderable/RenderableImageOp getProperty(Ljava/lang/String;)Ljava/lang/Object;
java/awt/image/renderable/RenderableImageOp getPropertyNames()[Ljava/lang/String;

java/awt/image/renderable/RenderableImageOp isDynamic()Z
java/awt/image/renderable/RenderableImageOp getWidth()F
java/awt/image/renderable/RenderableImageOp getHeight()F
java/awt/image/renderable/RenderableImageOp
getMinX()F
java/awt/image/renderable/RenderableImageOp getMinY()F
java/awt/image/renderable/RenderableImageOp
setParameterBlock(Ljava/awt/image/renderable/ParameterBlock;)Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/RenderableImageOp getParameterBlock()Ljava/awt/image/renderable/ParameterBlock;
java/awt/image/renderable/RenderableImageOp
createScaledRendering(IILjava/awt/RenderingHints;)Ljava/awt/image/RenderedImage;
java/awt/image/renderable/RenderableImageOp createDefaultRendering()Ljava/awt/image/RenderedImage;
java/awt/image/renderable/RenderableImageOp
createRendering(Ljava/awt/image/renderable/RenderContext;)Ljava/awt/image/RenderedImage;
class java/awt/image/renderable/RenderableImageProducer java/lang/Object
java/awt/image/renderable/RenderableImageProducer rdblImage
java/awt/image/renderable/RenderableImageProducer rc
java/awt/image/renderable/RenderableImageProducer ics
java/awt/image/renderable/RenderableImageProducer
<init>(Ljava/awt/image/renderable/RenderableImage;Ljava/awt/image/renderable/RenderContext;)V
java/awt/image/renderable/RenderableImageProducer
setRenderContext(Ljava/awt/image/renderable/RenderContext;)V
java/awt/image/renderable/RenderableImageProducer addConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/renderable/RenderableImageProducer isConsumer(Ljava/awt/image/ImageConsumer;)Z
java/awt/image/renderable/RenderableImageProducer removeConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/renderable/RenderableImageProducer startProduction(Ljava/awt/image/ImageConsumer;)V
java/awt/image/renderable/RenderableImageProducer
requestTopDownLeftRightResend(Ljava/awt/image/ImageConsumer;)V
java/awt/image/renderable/RenderableImageProducer run()V
class java/awt/image/renderable/RenderedImageFactory java/lang/Object
java/awt/image/renderable/RenderedImageFactory
create(Ljava/awt/image/renderable/ParameterBlock;Ljava/awt/RenderingHints;)Ljava/awt/image/RenderedImage;
class
java/awt/peer/ButtonPeer java/lang/Object
java/awt/peer/ButtonPeer setLabel(Ljava/lang/String;)V
class java/awt/peer/CheckboxMenuItemPeer java/lang/Object
java/awt/peer/CheckboxMenuItemPeer setState(Z)V
class java/awt/peer/CheckboxPeer java/lang/Object
java/awt/peer/CheckboxPeer setState(Z)V
java/awt/peer/CheckboxPeer setCheckboxGroup(Ljava/awt/CheckboxGroup;)V
java/awt/peer/CheckboxPeer setLabel(Ljava/lang/String;)V
class java/awt/peer/ChoicePeer java/lang/Object
java/awt/peer/ChoicePeer add(Ljava/lang/String;I)V
java/awt/peer/ChoicePeer remove(I)V
java/awt/peer/ChoicePeer removeAll()V
java/awt/peer/ChoicePeer select(I)V
java/awt/peer/ChoicePeer addItem(Ljava/lang/String;I)V
class java/awt/peer/ListPeer java/lang/Object

java/awt/peer/ListPeer getSelectedIndexes()[I
java/awt/peer/ListPeer add(Ljava/lang/String;I)V
java/awt/peer/ListPeer delItems(II)V
java/awt/peer/ListPeer removeAll()V
java/awt/peer/ListPeer select(I)V
java/awt/peer/ListPeer deselect(I)V
java/awt/peer/ListPeer
makeVisible(I)V
java/awt/peer/ListPeer setMultipleMode(Z)V
java/awt/peer/ListPeer getPreferredSize(I)Ljava/awt/Dimension;
java/awt/peer/ListPeer getMinimumSize(I)Ljava/awt/Dimension;
java/awt/peer/ListPeer addItem(Ljava/lang/String;I)V
java/awt/peer/ListPeer clear()V
java/awt/peer/ListPeer setMultipleSelections(Z)V
java/awt/peer/ListPeer preferredSize(I)Ljava/awt/Dimension;
java/awt/peer/ListPeer minimumSize(I)Ljava/awt/Dimension;
class java/awt/peer/MenuBarPeer java/lang/Object
java/awt/peer/MenuBarPeer addMenu(Ljava/awt/Menu;)V
java/awt/peer/MenuBarPeer delMenu(I)V
java/awt/peer/MenuBarPeer addHelpMenu(Ljava/awt/Menu;)V
class java/awt/peer/MenuItemPeer java/lang/Object
java/awt/peer/MenuItemPeer setLabel(Ljava/lang/String;)V
java/awt/peer/MenuItemPeer setEnabled(Z)V
java/awt/peer/MenuItemPeer enable()V
java/awt/peer/MenuItemPeer disable()V
class java/awt/peer/MenuPeer java/lang/Object
java/awt/peer/MenuPeer addSeparator()V
java/awt/peer/MenuPeer addItem(Ljava/awt/MenuItem;)V
java/awt/peer/MenuPeer
delItem(I)V
class java/awt/peer/MouseInfoPeer java/lang/Object
java/awt/peer/MouseInfoPeer fillPointWithCoords(Ljava/awt/Point;)I
java/awt/peer/MouseInfoPeer isWindowUnderMouse(Ljava/awt/Window;)Z
class java/awt/peer/PopupMenuPeer java/lang/Object
java/awt/peer/PopupMenuPeer show(Ljava/awt/Event;)V
class java/awt/peer/RobotPeer java/lang/Object
java/awt/peer/RobotPeer mouseMove(II)V
java/awt/peer/RobotPeer mousePress(I)V
java/awt/peer/RobotPeer mouseRelease(I)V
java/awt/peer/RobotPeer mouseWheel(I)V
java/awt/peer/RobotPeer keyPress(I)V
java/awt/peer/RobotPeer keyRelease(I)V
java/awt/peer/RobotPeer getRGBPixel(II)I
java/awt/peer/RobotPeer getRGBPixels(Ljava/awt/Rectangle;)[I
class java/awt/peer/ScrollPanePeer java/lang/Object
java/awt/peer/ScrollPanePeer getHScrollbarHeight()I
java/awt/peer/ScrollPanePeer getVScrollbarWidth()I
java/awt/peer/ScrollPanePeer setScrollPosition(II)V

java/awt/peer/ScrollPanePeer childResized(II)V
java/awt/peer/ScrollPanePeer setUnitIncrement(Ljava/awt/Adjustable;I)V
java/awt/peer/ScrollPanePeer
setValue(Ljava/awt/Adjustable;I)V
class java/awt/peer/ScrollbarPeer java/lang/Object
java/awt/peer/ScrollbarPeer setValues(IIII)V
java/awt/peer/ScrollbarPeer setLineIncrement(I)V
java/awt/peer/ScrollbarPeer setPageIncrement(I)V
class java/awt/peer/TextAreaPeer java/lang/Object
java/awt/peer/TextAreaPeer insert(Ljava/lang/String;I)V
java/awt/peer/TextAreaPeer replaceRange(Ljava/lang/String;II)V
java/awt/peer/TextAreaPeer getPreferredSize(II)Ljava/awt/Dimension;
java/awt/peer/TextAreaPeer getMinimumSize(II)Ljava/awt/Dimension;
java/awt/peer/TextAreaPeer insertText(Ljava/lang/String;I)V
java/awt/peer/TextAreaPeer replaceText(Ljava/lang/String;II)V
java/awt/peer/TextAreaPeer preferredSize(II)Ljava/awt/Dimension;
java/awt/peer/TextAreaPeer minimumSize(II)Ljava/awt/Dimension;
class java/awt/peer/TextComponentPeer java/lang/Object
java/awt/peer/TextComponentPeer setEditable(Z)V
java/awt/peer/TextComponentPeer getText()Ljava/lang/String;
java/awt/peer/TextComponentPeer
setText(Ljava/lang/String;)V
java/awt/peer/TextComponentPeer getSelectionStart()I
java/awt/peer/TextComponentPeer getSelectionEnd()I
java/awt/peer/TextComponentPeer select(II)V
java/awt/peer/TextComponentPeer setCaretPosition(I)V
java/awt/peer/TextComponentPeer getCaretPosition()I
java/awt/peer/TextComponentPeer getIndexAtPoint(II)I
java/awt/peer/TextComponentPeer getCharacterBounds(I)Ljava/awt/Rectangle;
java/awt/peer/TextComponentPeer filterEvents(J)J
java/awt/peer/TextComponentPeer getInputMethodRequests()Ljava/awt/im/InputMethodRequests;
class java/awt/peer/TextFieldPeer java/lang/Object
java/awt/peer/TextFieldPeer setEchoChar(C)V
java/awt/peer/TextFieldPeer getPreferredSize(I)Ljava/awt/Dimension;
java/awt/peer/TextFieldPeer getMinimumSize(I)Ljava/awt/Dimension;
java/awt/peer/TextFieldPeer setEchoCharacter(C)V
java/awt/peer/TextFieldPeer preferredSize(I)Ljava/awt/Dimension;
java/awt/peer/TextFieldPeer minimumSize(I)Ljava/awt/Dimension;
class java/awt/print/Book$BookPage
java/lang/Object
java/awt/print/Book$BookPage mFormat
java/awt/print/Book$BookPage mPainter
java/awt/print/Book$BookPage this$0
java/awt/print/Book$BookPage
<init>(Ljava/awt/print/Book;Ljava/awt/print/Printable;Ljava/awt/print/PageFormat;)V
java/awt/print/Book$BookPage getPrintable()Ljava/awt/print/Printable;
java/awt/print/Book$BookPage getPageFormat()Ljava/awt/print/PageFormat;
class java/awt/print/Book java/lang/Object

java/awt/print/Book mPages
java/awt/print/Book <init>()V
java/awt/print/Book getNumberOfPages()I
java/awt/print/Book getPageFormat(I)Ljava/awt/print/PageFormat;
java/awt/print/Book getPrintable(I)Ljava/awt/print/Printable;
java/awt/print/Book setPage(ILjava/awt/print/Printable;Ljava/awt/print/PageFormat;)V
java/awt/print/Book append(Ljava/awt/print/Printable;Ljava/awt/print/PageFormat;)V
java/awt/print/Book append(Ljava/awt/print/Printable;Ljava/awt/print/PageFormat;I)V
java/awt/print/Book getPage(I)Ljava/awt/print/Book$BookPage;
class java/awt/print/Pageable
 java/lang/Object
java/awt/print/Pageable UNKNOWN_NUMBER_OF_PAGES
java/awt/print/Pageable getNumberOfPages()I
java/awt/print/Pageable getPageFormat(I)Ljava/awt/print/PageFormat;
java/awt/print/Pageable getPrintable(I)Ljava/awt/print/Printable;
class java/awt/print/Paper java/lang/Object
java/awt/print/Paper INCH
java/awt/print/Paper LETTER_WIDTH
java/awt/print/Paper LETTER_HEIGHT
java/awt/print/Paper mHeight
java/awt/print/Paper mWidth
java/awt/print/Paper mImageableArea
java/awt/print/Paper <init>()V
java/awt/print/Paper clone()Ljava/lang/Object;
java/awt/print/Paper getHeight()D
java/awt/print/Paper setSize(DD)V
java/awt/print/Paper getWidth()D
java/awt/print/Paper setImageableArea(DDDD)V
java/awt/print/Paper getImageableX()D
java/awt/print/Paper getImageableY()D
java/awt/print/Paper getImageableWidth()D
java/awt/print/Paper getImageableHeight()D
class java/awt/print/Printable java/lang/Object
java/awt/print/Printable PAGE_EXISTS
java/awt/print/Printable NO_SUCH_PAGE
java/awt/print/Printable
 print(Ljava/awt/Graphics;Ljava/awt/print/PageFormat;I)I
class java/awt/print/PrinterIOException java/awt/print/PrinterException
java/awt/print/PrinterIOException serialVersionUID
java/awt/print/PrinterIOException mException
java/awt/print/PrinterIOException <init>(Ljava/io/IOException;)V
java/awt/print/PrinterIOException getIOException()Ljava/io/IOException;
java/awt/print/PrinterIOException getCause()Ljava/lang/Throwable;
class java/awt/print/PrinterJob$1 java/lang/Object
java/awt/print/PrinterJob$1 <init>()V
java/awt/print/PrinterJob$1 run()Ljava/lang/Object;
class java/beans/AppletInitializer java/lang/Object
java/beans/AppletInitializer initialize(Ljava/applet/Applet;Ljava/beans/beancontext/BeanContext;)V

java/beans/AppletInitializer activate(Ljava/applet/Applet;)V
class java/beans/ArrayPersistenceDelegate java/beans/PersistenceDelegate
java/beans/ArrayPersistenceDelegate <init>()V
java/beans/ArrayPersistenceDelegate mutatesTo(Ljava/lang/Object;Ljava/lang/Object;)Z
java/beans/ArrayPersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
java/beans/ArrayPersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/Beans$1 java/lang/Object
java/beans/Beans$1 val$loader
java/beans/Beans$1 val$serName
java/beans/Beans$1 <init>(Ljava/lang/ClassLoader;Ljava/lang/String;)V
java/beans/Beans$1 run()Ljava/lang/Object;
class java/beans/Beans$2 java/lang/Object
java/beans/Beans$2 val$cloader
java/beans/Beans$2 val$resourceName
java/beans/Beans$2 <init>(Ljava/lang/ClassLoader;Ljava/lang/String;)V
java/beans/Beans$2 run()Ljava/lang/Object;
class java/beans/BeansAppletContext java/lang/Object
java/beans/BeansAppletContext target
java/beans/BeansAppletContext imageCache
java/beans/BeansAppletContext <init>(Ljava/applet/Applet;)V
java/beans/BeansAppletContext getAudioClip(Ljava/net/URL;)Ljava/applet/AudioClip;
java/beans/BeansAppletContext getImage(Ljava/net/URL;)Ljava/awt/Image;
java/beans/BeansAppletContext
getApplet(Ljava/lang/String;)Ljava/applet/Applet;
java/beans/BeansAppletContext getApplets()Ljava/util/Enumeration;
java/beans/BeansAppletContext showDocument(Ljava/net/URL;)V
java/beans/BeansAppletContext showDocument(Ljava/net/URL;Ljava/lang/String;)V
java/beans/BeansAppletContext showStatus(Ljava/lang/String;)V
java/beans/BeansAppletContext setStream(Ljava/lang/String;Ljava/io/InputStream;)V
java/beans/BeansAppletContext getStream(Ljava/lang/String;)Ljava/io/InputStream;
java/beans/BeansAppletContext getStreamKeys()Ljava/util/Iterator;
class java/beans/BeansAppletStub java/lang/Object
java/beans/BeansAppletStub active
java/beans/BeansAppletStub target
java/beans/BeansAppletStub context
java/beans/BeansAppletStub codeBase
java/beans/BeansAppletStub docBase
java/beans/BeansAppletStub
<init>(Ljava/applet/Applet;Ljava/applet/AppletContext;Ljava/net/URL;Ljava/net/URL;)V
java/beans/BeansAppletStub isActive()Z
java/beans/BeansAppletStub getDocumentBase()Ljava/net/URL;
java/beans/BeansAppletStub
getCodeBase()Ljava/net/URL;
java/beans/BeansAppletStub getParameter(Ljava/lang/String;)Ljava/lang/String;
java/beans/BeansAppletStub getAppletContext()Ljava/applet/AppletContext;
java/beans/BeansAppletStub appletResize(II)V

class java/beans/Customizer java/lang/Object
java/beans/Customizer setObject(Ljava/lang/Object;)V
java/beans/Customizer addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/beans/Customizer removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
class java/beans/DefaultPersistenceDelegate java/beans/PersistenceDelegate
java/beans/DefaultPersistenceDelegate constructor
java/beans/DefaultPersistenceDelegate definesEquals
java/beans/DefaultPersistenceDelegate <init>()V
java/beans/DefaultPersistenceDelegate <init>([Ljava/lang/String;)V
java/beans/DefaultPersistenceDelegate definesEquals(Ljava/lang/Class;)Z
java/beans/DefaultPersistenceDelegate definesEquals(Ljava/lang/Object;)Z
java/beans/DefaultPersistenceDelegate
mutatesTo(Ljava/lang/Object;Ljava/lang/Object;)Z
java/beans/DefaultPersistenceDelegate instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
java/beans/DefaultPersistenceDelegate isTransient(Ljava/lang/Class;Ljava/beans/PropertyDescriptor;)Z
java/beans/DefaultPersistenceDelegate equals(Ljava/lang/Object;Ljava/lang/Object;)Z
java/beans/DefaultPersistenceDelegate
doProperty(Ljava/lang/Class;Ljava/beans/PropertyDescriptor;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
java/beans/DefaultPersistenceDelegate
invokeStatement(Ljava/lang/Object;Ljava/lang/String;[Ljava/lang/Object;Ljava/beans/Encoder;)V
java/beans/DefaultPersistenceDelegate
initBean(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
java/beans/DefaultPersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/Encoder java/lang/Object
java/beans/Encoder bindings
java/beans/Encoder exceptionListener
java/beans/Encoder
executeStatements
java/beans/Encoder attributes
java/beans/Encoder <init>()V
java/beans/Encoder writeObject(Ljava/lang/Object;)V
java/beans/Encoder setExceptionListener(Ljava/beans/ExceptionListener;)V
java/beans/Encoder getExceptionListener()Ljava/beans/ExceptionListener;
java/beans/Encoder getValue(Ljava/beans/Expression;)Ljava/lang/Object;
java/beans/Encoder getPersistenceDelegate(Ljava/lang/Class;)Ljava/beans/PersistenceDelegate;
java/beans/Encoder setPersistenceDelegate(Ljava/lang/Class;Ljava/beans/PersistenceDelegate;)V
java/beans/Encoder remove(Ljava/lang/Object;)Ljava/lang/Object;
java/beans/Encoder get(Ljava/lang/Object;)Ljava/lang/Object;
java/beans/Encoder writeObject1(Ljava/lang/Object;)Ljava/lang/Object;
java/beans/Encoder cloneStatement(Ljava/beans/Statement;)Ljava/beans/Statement;
java/beans/Encoder writeStatement(Ljava/beans/Statement;)V
java/beans/Encoder writeExpression(Ljava/beans/Expression;)V
java/beans/Encoder clear()V
java/beans/Encoder
setAttribute(Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/Encoder getAttribute(Ljava/lang/Object;)Ljava/lang/Object;

class java/beans/EventHandler$1 java/lang/Object
java/beans/EventHandler$1 val$proxy
java/beans/EventHandler$1 val$method
java/beans/EventHandler$1 val$arguments
java/beans/EventHandler$1 this$0
java/beans/EventHandler$1
<init>(Ljava/beans/EventHandler;Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)V
java/beans/EventHandler$1 run()Ljava/lang/Object;
class java/beans/EventHandler java/lang/Object
java/beans/EventHandler empty
java/beans/EventHandler target
java/beans/EventHandler targetMethod
java/beans/EventHandler action
java/beans/EventHandler eventPropertyName
java/beans/EventHandler listenerMethodName
java/beans/EventHandler acc
java/beans/EventHandler <init>(Ljava/lang/Object;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/beans/EventHandler getTarget()Ljava/lang/Object;
java/beans/EventHandler getAction()Ljava/lang/String;
java/beans/EventHandler
getEventPropertyName()Ljava/lang/String;
java/beans/EventHandler getListenerMethodName()Ljava/lang/String;
java/beans/EventHandler applyGetters(Ljava/lang/Object;Ljava/lang/String;)Ljava/lang/Object;
java/beans/EventHandler
invoke(Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)Ljava/lang/Object;
java/beans/EventHandler
invokeInternal(Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)Ljava/lang/Object;
java/beans/EventHandler create(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/String;)Ljava/lang/Object;
java/beans/EventHandler
create(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/String;Ljava/lang/String;)Ljava/lang/Object;
java/beans/EventHandler
create(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/lang/Object
;
java/beans/EventHandler
access$000(Ljava/beans/EventHandler;Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)Ljava/lang
/Object;
java/beans/EventHandler <clinit>()V
class
java/beans/ExceptionListener java/lang/Object
java/beans/ExceptionListener exceptionThrown(Ljava/lang/Exception;)V
class java/beans/Expression java/beans/Statement
java/beans/Expression unbound
java/beans/Expression value
java/beans/Expression <init>(Ljava/lang/Object;Ljava/lang/String;[Ljava/lang/Object;)V
java/beans/Expression <init>(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/String;[Ljava/lang/Object;)V
java/beans/Expression getValue()Ljava/lang/Object;
java/beans/Expression setValue(Ljava/lang/Object;)V
java/beans/Expression instanceName(Ljava/lang/Object;)Ljava/lang/String;

java/beans/Expression toString()Ljava/lang/String;
java/beans/Expression <clinit>()V
class java/beans/IndexedPropertyChangeEvent java/beans/PropertyChangeEvent
java/beans/IndexedPropertyChangeEvent index
java/beans/IndexedPropertyChangeEvent
<init>(Ljava/lang/Object;Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;I)V
java/beans/IndexedPropertyChangeEvent getIndex()I
class java/beans/MetaData
 java/lang/Object
java/beans/MetaData internalPersistenceDelegates
java/beans/MetaData transientProperties
java/beans/MetaData nullPersistenceDelegate
java/beans/MetaData primitivePersistenceDelegate
java/beans/MetaData defaultPersistenceDelegate
java/beans/MetaData arrayPersistenceDelegate
java/beans/MetaData proxyPersistenceDelegate
java/beans/MetaData <init>()V
java/beans/MetaData equals(Ljava/lang/Object;Ljava/lang/Object;)Z
java/beans/MetaData setPersistenceDelegate(Ljava/lang/Class;Ljava/beans/PersistenceDelegate;)V
java/beans/MetaData getPersistenceDelegate(Ljava/lang/Class;)Ljava/beans/PersistenceDelegate;
java/beans/MetaData getBeanInfo(Ljava/lang/Class;)Ljava/beans/BeanInfo;
java/beans/MetaData getPropertyDescriptor(Ljava/lang/Class;Ljava/lang/String;)Ljava/beans/PropertyDescriptor;
java/beans/MetaData
setPropertyAttribute(Ljava/lang/Class;Ljava/lang/String;Ljava/lang/String;Ljava/lang/Object;)V
java/beans/MetaData setBeanAttribute(Ljava/lang/Class;Ljava/lang/String;Ljava/lang/Object;)V
java/beans/MetaData
 getBeanAttribute(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Object;
java/beans/MetaData registerConstructor(Ljava/lang/String;[Ljava/lang/String;)V
java/beans/MetaData removeProperty(Ljava/lang/String;Ljava/lang/String;)V
java/beans/MetaData <clinit>()V
class java/beans/NullPersistenceDelegate java/beans/PersistenceDelegate
java/beans/NullPersistenceDelegate <init>()V
java/beans/NullPersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
java/beans/NullPersistenceDelegate instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
java/beans/NullPersistenceDelegate writeObject(Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/ObjectInputStreamWithLoader java/io/ObjectInputStream
java/beans/ObjectInputStreamWithLoader loader
java/beans/ObjectInputStreamWithLoader <init>(Ljava/io/InputStream;Ljava/lang/ClassLoader;)V
java/beans/ObjectInputStreamWithLoader primitiveType(C)Ljava/lang/Class;
java/beans/ObjectInputStreamWithLoader
 resolveClass(Ljava/io/ObjectStreamClass;)Ljava/lang/Class;
class java/beans/ParameterDescriptor java/beans/FeatureDescriptor
java/beans/ParameterDescriptor <init>()V
java/beans/ParameterDescriptor <init>(Ljava/beans/ParameterDescriptor;)V
class java/beans/PersistenceDelegate java/lang/Object
java/beans/PersistenceDelegate <init>()V
java/beans/PersistenceDelegate writeObject(Ljava/lang/Object;Ljava/beans/Encoder;)V

java/beans/PersistenceDelegate mutatesTo(Ljava/lang/Object;Ljava/lang/Object;)Z
java/beans/PersistenceDelegate instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
java/beans/PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/PrimitivePersistenceDelegate java/beans/PersistenceDelegate
java/beans/PrimitivePersistenceDelegate <init>()V
java/beans/PrimitivePersistenceDelegate mutatesTo(Ljava/lang/Object;Ljava/lang/Object;)Z
java/beans/PrimitivePersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
class java/beans/ProxyPersistenceDelegate java/beans/PersistenceDelegate
java/beans/ProxyPersistenceDelegate <init>()V
java/beans/ProxyPersistenceDelegate instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
class java/beans/ReflectionUtils$Signature java/lang/Object
java/beans/ReflectionUtils$Signature targetClass
java/beans/ReflectionUtils$Signature methodName
java/beans/ReflectionUtils$Signature argClasses
java/beans/ReflectionUtils$Signature hashCode
java/beans/ReflectionUtils$Signature <init>(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;)V
java/beans/ReflectionUtils$Signature equals(Ljava/lang/Object;)Z
java/beans/ReflectionUtils$Signature hashCode()I
class java/beans/ReflectionUtils java/lang/Object
java/beans/ReflectionUtils methodCacheRef
java/beans/ReflectionUtils <init>()V
java/beans/ReflectionUtils typeToClass(Ljava/lang/Class;)Ljava/lang/Class;
java/beans/ReflectionUtils
isPrimitive(Ljava/lang/Class;)Z
java/beans/ReflectionUtils primitiveTypeFor(Ljava/lang/Class;)Ljava/lang/Class;
java/beans/ReflectionUtils matchArguments([Ljava/lang/Class;[Ljava/lang/Class;)Z
java/beans/ReflectionUtils matchExplicitArguments([Ljava/lang/Class;[Ljava/lang/Class;)Z
java/beans/ReflectionUtils matchArguments([Ljava/lang/Class;[Ljava/lang/Class;Z)Z
java/beans/ReflectionUtils
getPublicMethod(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/beans/ReflectionUtils
findPublicMethod(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/beans/ReflectionUtils getMostSpecificMethod(Ljava/util/List;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/beans/ReflectionUtils
findMethod(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/beans/ReflectionUtils
getMethod(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/beans/ReflectionUtils
getConstructor(Ljava/lang/Class;[Ljava/lang/Class;)Ljava/lang/reflect/Constructor;
java/beans/ReflectionUtils
getPrivateField(Ljava/lang/Object;Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Object;
java/beans/ReflectionUtils
getPrivateField(Ljava/lang/Object;Ljava/lang/Class;Ljava/lang/String;Ljava/beans/ExceptionListener;)Ljava/lang/Object;
class java/beans/SimpleBeanInfo$1 java/lang/Object
java/beans/SimpleBeanInfo$1 val$c

java/beans/SimpleBeanInfo$1 val$resourceName
java/beans/SimpleBeanInfo$1 this$0
java/beans/SimpleBeanInfo$1 <init>(Ljava/beans/SimpleBeanInfo;Ljava/lang/Class;Ljava/lang/String;)V
java/beans/SimpleBeanInfo$1 run()Ljava/lang/Object;
class java/beans/Statement$1 java/lang/Object
java/beans/Statement$1 <init>()V
java/beans/Statement$1 exceptionThrown(Ljava/lang/Exception;)V
class java/beans/Statement java/lang/Object
java/beans/Statement emptyArray
java/beans/Statement defaultExceptionListener
java/beans/Statement target
java/beans/Statement methodName
java/beans/Statement
 arguments
java/beans/Statement <init>(Ljava/lang/Object;Ljava/lang/String;[Ljava/lang/Object;)V
java/beans/Statement getTarget()Ljava/lang/Object;
java/beans/Statement getMethodName()Ljava/lang/String;
java/beans/Statement getArguments()[Ljava/lang/Object;
java/beans/Statement execute()V
java/beans/Statement invoke()Ljava/lang/Object;
java/beans/Statement instanceName(Ljava/lang/Object;)Ljava/lang/String;
java/beans/Statement toString()Ljava/lang/String;
java/beans/Statement <clinit>()V
class java/beans/StaticFieldsPersistenceDelegate java/beans/PersistenceDelegate
java/beans/StaticFieldsPersistenceDelegate <init>()V
java/beans/StaticFieldsPersistenceDelegate installFields(Ljava/beans/Encoder;Ljava/lang/Class;)V
java/beans/StaticFieldsPersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
java/beans/StaticFieldsPersistenceDelegate writeObject(Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/VetoableChangeListenerProxy
 java/util/EventListenerProxy
java/beans/VetoableChangeListenerProxy propertyName
java/beans/VetoableChangeListenerProxy <init>(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
java/beans/VetoableChangeListenerProxy vetoableChange(Ljava/beans/PropertyChangeEvent;)V
java/beans/VetoableChangeListenerProxy getPropertyName()Ljava/lang/String;
class java/beans/XMLDecoder java/lang/Object
java/beans/XMLDecoder in
java/beans/XMLDecoder owner
java/beans/XMLDecoder exceptionListener
java/beans/XMLDecoder handler
java/beans/XMLDecoder clref
java/beans/XMLDecoder <init>(Ljava/io/InputStream;)V
java/beans/XMLDecoder <init>(Ljava/io/InputStream;Ljava/lang/Object;)V
java/beans/XMLDecoder <init>(Ljava/io/InputStream;Ljava/lang/Object;Ljava/beans/ExceptionListener;)V
java/beans/XMLDecoder
<init>(Ljava/io/InputStream;Ljava/lang/Object;Ljava/beans/ExceptionListener;Ljava/lang/ClassLoader;)V
java/beans/XMLDecoder setClassLoader(Ljava/lang/ClassLoader;)V
java/beans/XMLDecoder getClassLoader()Ljava/lang/ClassLoader;

java/beans/XMLDecoder
close()V
java/beans/XMLDecoder setExceptionListener(Ljava/beans/ExceptionListener;)V
java/beans/XMLDecoder getExceptionListener()Ljava/beans/ExceptionListener;
java/beans/XMLDecoder readObject()Ljava/lang/Object;
java/beans/XMLDecoder setOwner(Ljava/lang/Object;)V
java/beans/XMLDecoder getOwner()Ljava/lang/Object;
class java/beans/XMLEncoder$1 java/lang/Object
class java/beans/XMLEncoder$ValueData java/lang/Object
java/beans/XMLEncoder$ValueData refs
java/beans/XMLEncoder$ValueData marked
java/beans/XMLEncoder$ValueData name
java/beans/XMLEncoder$ValueData exp
java/beans/XMLEncoder$ValueData this$0
java/beans/XMLEncoder$ValueData <init>(Ljava/beans/XMLEncoder;)V
java/beans/XMLEncoder$ValueData <init>(Ljava/beans/XMLEncoder;Ljava/beans/XMLEncoder$1;)V
class java/beans/XMLEncoder java/beans/Encoder
java/beans/XMLEncoder encoding
java/beans/XMLEncoder out
java/beans/XMLEncoder owner
java/beans/XMLEncoder indentation
java/beans/XMLEncoder internal
java/beans/XMLEncoder
valueToExpression
java/beans/XMLEncoder targetToStatementList
java/beans/XMLEncoder preambleWritten
java/beans/XMLEncoder nameGenerator
java/beans/XMLEncoder <init>(Ljava/io/OutputStream;)V
java/beans/XMLEncoder setOwner(Ljava/lang/Object;)V
java/beans/XMLEncoder getOwner()Ljava/lang/Object;
java/beans/XMLEncoder writeObject(Ljava/lang/Object;)V
java/beans/XMLEncoder statementList(Ljava/lang/Object;)Ljava/util/Vector;
java/beans/XMLEncoder mark(Ljava/lang/Object;Z)V
java/beans/XMLEncoder mark(Ljava/beans/Statement;)V
java/beans/XMLEncoder writeStatement(Ljava/beans/Statement;)V
java/beans/XMLEncoder writeExpression(Ljava/beans/Expression;)V
java/beans/XMLEncoder flush()V
java/beans/XMLEncoder clear()V
java/beans/XMLEncoder close()V
java/beans/XMLEncoder quote(Ljava/lang/String;)Ljava/lang/String;
java/beans/XMLEncoder getValueData(Ljava/lang/Object;)Ljava/beans/XMLEncoder$ValueData;
java/beans/XMLEncoder quoteCharacters(Ljava/lang/String;)Ljava/lang/String;
java/beans/XMLEncoder
writeln(Ljava/lang/String;)V
java/beans/XMLEncoder outputValue(Ljava/lang/Object;Ljava/lang/Object;Z)V
java/beans/XMLEncoder outputStatement(Ljava/beans/Statement;Ljava/lang/Object;Z)V
java/beans/XMLEncoder <clinit>()V
class java/beans/beancontext/BeanContextChildComponentProxy java/lang/Object

java/beans/beancontext/BeanContextChildComponentProxy getComponent()Ljava/awt/Component;
class java/beans/beancontext/BeanContextContainerProxy java/lang/Object
java/beans/beancontext/BeanContextContainerProxy getContainer()Ljava/awt/Container;
class java/beans/beancontext/BeanContextMembershipListener java/lang/Object
java/beans/beancontext/BeanContextMembershipListener
childrenAdded(Ljava/beans/beancontext/BeanContextMembershipEvent;)V
java/beans/beancontext/BeanContextMembershipListener
childrenRemoved(Ljava/beans/beancontext/BeanContextMembershipEvent;)V
class java/beans/beancontext/BeanContextServiceAvailableEvent java/beans/beancontext/BeanContextEvent
java/beans/beancontext/BeanContextServiceAvailableEvent
serviceClass
java/beans/beancontext/BeanContextServiceAvailableEvent
<init>(Ljava/beans/beancontext/BeanContextServices;Ljava/lang/Class;)V
java/beans/beancontext/BeanContextServiceAvailableEvent
getSourceAsBeanContextServices()Ljava/beans/beancontext/BeanContextServices;
java/beans/beancontext/BeanContextServiceAvailableEvent getServiceClass()Ljava/lang/Class;
java/beans/beancontext/BeanContextServiceAvailableEvent getCurrentServiceSelectors()Ljava/util/Iterator;
class java/beans/beancontext/BeanContextServiceProvider java/lang/Object
java/beans/beancontext/BeanContextServiceProvider
getService(Ljava/beans/beancontext/BeanContextServices;Ljava/lang/Object;Ljava/lang/Class;Ljava/lang/Object;)L
java/lang/Object;
java/beans/beancontext/BeanContextServiceProvider
releaseService(Ljava/beans/beancontext/BeanContextServices;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextServiceProvider
getCurrentServiceSelectors(Ljava/beans/beancontext/BeanContextServices;Ljava/lang/Class;)Ljava/util/Iterator;
class
java/beans/beancontext/BeanContextServiceProviderBeanInfo java/lang/Object
java/beans/beancontext/BeanContextServiceProviderBeanInfo getServicesBeanInfo()[Ljava/beans/BeanInfo;
class java/beans/beancontext/BeanContextServiceRevokedEvent java/beans/beancontext/BeanContextEvent
java/beans/beancontext/BeanContextServiceRevokedEvent serviceClass
java/beans/beancontext/BeanContextServiceRevokedEvent invalidateRefs
java/beans/beancontext/BeanContextServiceRevokedEvent
<init>(Ljava/beans/beancontext/BeanContextServices;Ljava/lang/Class;Z)V
java/beans/beancontext/BeanContextServiceRevokedEvent
getSourceAsBeanContextServices()Ljava/beans/beancontext/BeanContextServices;
java/beans/beancontext/BeanContextServiceRevokedEvent getServiceClass()Ljava/lang/Class;
java/beans/beancontext/BeanContextServiceRevokedEvent isServiceClass(Ljava/lang/Class;)Z
java/beans/beancontext/BeanContextServiceRevokedEvent isCurrentServiceInvalidNow()Z
class
java/beans/beancontext/BeanContextServices java/lang/Object
java/beans/beancontext/BeanContextServices
addService(Ljava/lang/Class;Ljava/beans/beancontext/BeanContextServiceProvider;)Z
java/beans/beancontext/BeanContextServices
revokeService(Ljava/lang/Class;Ljava/beans/beancontext/BeanContextServiceProvider;Z)V
java/beans/beancontext/BeanContextServices hasService(Ljava/lang/Class;)Z
java/beans/beancontext/BeanContextServices
getService(Ljava/beans/beancontext/BeanContextChild;Ljava/lang/Object;Ljava/lang/Class;Ljava/lang/Object;Ljava
/beans/beancontext/BeanContextServiceRevokedListener;)Ljava/lang/Object;

java/beans/beancontext/BeanContextServices
releaseService(Ljava/beans/beancontext/BeanContextChild;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextServices getCurrentServiceClasses()Ljava/util/Iterator;
java/beans/beancontext/BeanContextServices getCurrentServiceSelectors(Ljava/lang/Class;)Ljava/util/Iterator;
java/beans/beancontext/BeanContextServices
addBeanContextServicesListener(Ljava/beans/beancontext/BeanContextServicesListener;)V
java/beans/beancontext/BeanContextServices
removeBeanContextServicesListener(Ljava/beans/beancontext/BeanContextServicesListener;)V
class java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef java/lang/Object
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef serviceClass
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef serviceProvider
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef serviceRefs
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef delegateProvider
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef delegateRefs
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef requestors
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef this$1
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
<init>(Ljava/beans/beancontext/BeanContextServicesSupport$BCSSChild;Ljava/lang/Class;Ljava/beans/beanconte
xt/BeanContextServiceProvider;Z)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
addRequestor(Ljava/lang/Object;Ljava/beans/beancontext/BeanContextServiceRevokedListener;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
removeRequestor(Ljava/lang/Object;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
verifyRequestor(Ljava/lang/Object;Ljava/beans/beancontext/BeanContextServiceRevokedListener;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
verifyAndMaybeSetProvider(Ljava/beans/beancontext/BeanContextServiceProvider;Z)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
cloneOfEntries()Ljava/util/Iterator;
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
entries()Ljava/util/Iterator;
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef isEmpty()Z
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
getServiceClass()Ljava/lang/Class;
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
getServiceProvider()Ljava/beans/beancontext/BeanContextServiceProvider;
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
getDelegateProvider()Ljava/beans/beancontext/BeanContextServiceProvider;
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef isDelegated()Z
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef addRef(Z)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef releaseRef(Z)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef getRefs()I
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef
getDelegateRefs()I
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef getServiceRefs()I
class java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef java/lang/Object
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef serviceClassRef
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef refCnt

java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef delegated
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef this$1
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef
<init>(Ljava/beans/beancontext/BeanContextServicesSupport$BCSSChild;Ljava/beans/beancontext/BeanContextSe
rvicesSupport$BCSSChild$BCSSCServiceClassRef;Z)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef addRef()V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef release()I
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef
getServiceClassRef()Ljava/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceClassRef;
java/beans/beancontext/BeanContextServicesSupport$BCSSChild$BCSSCServiceRef isDelegated()Z
class java/beans/beancontext/BeanContextServicesSupport$BCSSChild
java/beans/beancontext/BeanContextSupport$BCSChild
java/beans/beancontext/BeanContextServicesSupport$BCSSChild serialVersionUID
java/beans/beancontext/BeanContextServicesSupport$BCSSChild serviceClasses
java/beans/beancontext/BeanContextServicesSupport$BCSSChild serviceRequestors
java/beans/beancontext/BeanContextServicesSupport$BCSSChild this$0
java/beans/beancontext/BeanContextServicesSupport$BCSSChild
<init>(Ljava/beans/beancontext/BeanContextServicesSupport;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild
usingService(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Class;Ljava/beans/beancontext/BeanContextServiceP
rovider;ZLjava/beans/beancontext/BeanContextServiceRevokedListener;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild
releaseService(Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild revokeService(Ljava/lang/Class;ZZ)V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild cleanupReferences()V
java/beans/beancontext/BeanContextServicesSupport$BCSSChild revokeAllDelegatedServicesNow()V
class java/beans/beancontext/BeanContextServicesSupport$BCSSProxyServiceProvider java/lang/Object
java/beans/beancontext/BeanContextServicesSupport$BCSSProxyServiceProvider nestingCtxt
java/beans/beancontext/BeanContextServicesSupport$BCSSProxyServiceProvider this$0
java/beans/beancontext/BeanContextServicesSupport$BCSSProxyServiceProvider
<init>(Ljava/beans/beancontext/BeanContextServicesSupport;Ljava/beans/beancontext/BeanContextServices;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSProxyServiceProvider
getService(Ljava/beans/beancontext/BeanContextServices;Ljava/lang/Object;Ljava/lang/Class;Ljava/lang/Object;)L
java/lang/Object;
java/beans/beancontext/BeanContextServicesSupport$BCSSProxyServiceProvider
releaseService(Ljava/beans/beancontext/BeanContextServices;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSProxyServiceProvider
getCurrentServiceSelectors(Ljava/beans/beancontext/BeanContextServices;Ljava/lang/Class;)Ljava/util/Iterator;
java/beans/beancontext/BeanContextServicesSupport$BCSSProxyServiceProvider
serviceRevoked(Ljava/beans/beancontext/BeanContextServiceRevokedEvent;)V
class java/beans/beancontext/BeanContextServicesSupport$BCSSServiceProvider java/lang/Object
java/beans/beancontext/BeanContextServicesSupport$BCSSServiceProvider serviceProvider
java/beans/beancontext/BeanContextServicesSupport$BCSSServiceProvider
<init>(Ljava/lang/Class;Ljava/beans/beancontext/BeanContextServiceProvider;)V
java/beans/beancontext/BeanContextServicesSupport$BCSSServiceProvider
getServiceProvider()Ljava/beans/beancontext/BeanContextServiceProvider;
class java/beans/beancontext/BeanContextServicesSupport java/beans/beancontext/BeanContextSupport
java/beans/beancontext/BeanContextServicesSupport services

java/beans/beancontext/BeanContextServicesSupport serializable
java/beans/beancontext/BeanContextServicesSupport proxy
java/beans/beancontext/BeanContextServicesSupport bcsListeners
java/beans/beancontext/BeanContextServicesSupport
<init>(Ljava/beans/beancontext/BeanContextServices;Ljava/util/Locale;ZZ)V
java/beans/beancontext/BeanContextServicesSupport
<init>(Ljava/beans/beancontext/BeanContextServices;Ljava/util/Locale;Z)V
java/beans/beancontext/BeanContextServicesSupport
<init>(Ljava/beans/beancontext/BeanContextServices;Ljava/util/Locale;)V
java/beans/beancontext/BeanContextServicesSupport <init>(Ljava/beans/beancontext/BeanContextServices;)V
java/beans/beancontext/BeanContextServicesSupport <init>()V
java/beans/beancontext/BeanContextServicesSupport
initialize()V
java/beans/beancontext/BeanContextServicesSupport
getBeanContextServicesPeer()Ljava/beans/beancontext/BeanContextServices;
java/beans/beancontext/BeanContextServicesSupport
createBCSChild(Ljava/lang/Object;Ljava/lang/Object;)Ljava/beans/beancontext/BeanContextSupport$BCSChild;
java/beans/beancontext/BeanContextServicesSupport
createBCSSServiceProvider(Ljava/lang/Class;Ljava/beans/beancontext/BeanContextServiceProvider;)Ljava/beans/beancontext/BeanContextServicesSupport$BCSSServiceProvider;
java/beans/beancontext/BeanContextServicesSupport
addBeanContextServicesListener(Ljava/beans/beancontext/BeanContextServicesListener;)V
java/beans/beancontext/BeanContextServicesSupport
removeBeanContextServicesListener(Ljava/beans/beancontext/BeanContextServicesListener;)V
java/beans/beancontext/BeanContextServicesSupport
addService(Ljava/lang/Class;Ljava/beans/beancontext/BeanContextServiceProvider;)Z
java/beans/beancontext/BeanContextServicesSupport
addService(Ljava/lang/Class;Ljava/beans/beancontext/BeanContextServiceProvider;Z)Z
java/beans/beancontext/BeanContextServicesSupport
revokeService(Ljava/lang/Class;Ljava/beans/beancontext/BeanContextServiceProvider;Z)V
java/beans/beancontext/BeanContextServicesSupport hasService(Ljava/lang/Class;)Z
java/beans/beancontext/BeanContextServicesSupport
getService(Ljava/beans/beancontext/BeanContextChild;Ljava/lang/Object;Ljava/lang/Class;Ljava/lang/Object;Ljava/beans/beancontext/BeanContextServiceRevokedListener;)Ljava/lang/Object;
java/beans/beancontext/BeanContextServicesSupport
releaseService(Ljava/beans/beancontext/BeanContextChild;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextServicesSupport getCurrentServiceClasses()Ljava/util/Iterator;
java/beans/beancontext/BeanContextServicesSupport
getCurrentServiceSelectors(Ljava/lang/Class;)Ljava/util/Iterator;
java/beans/beancontext/BeanContextServicesSupport
serviceAvailable(Ljava/beans/beancontext/BeanContextServiceAvailableEvent;)V
java/beans/beancontext/BeanContextServicesSupport
serviceRevoked(Ljava/beans/beancontext/BeanContextServiceRevokedEvent;)V
java/beans/beancontext/BeanContextServicesSupport
getChildBeanContextServicesListener(Ljava/lang/Object;)Ljava/beans/beancontext/BeanContextServicesListener;
java/beans/beancontext/BeanContextServicesSupport
childJustRemovedHook(Ljava/lang/Object;Ljava/beans/beancontext/BeanContextSupport$BCSChild;)V
java/beans/beancontext/BeanContextServicesSupport releaseBeanContextResources()V

java/beans/beancontext/BeanContextServicesSupport initializeBeanContextResources()V
java/beans/beancontext/BeanContextServicesSupport fireServiceAdded(Ljava/lang/Class;)V
java/beans/beancontext/BeanContextServicesSupport
fireServiceAdded(Ljava/beans/beancontext/BeanContextServiceAvailableEvent;)V
java/beans/beancontext/BeanContextServicesSupport
fireServiceRevoked(Ljava/beans/beancontext/BeanContextServiceRevokedEvent;)V
java/beans/beancontext/BeanContextServicesSupport fireServiceRevoked(Ljava/lang/Class;Z)V
java/beans/beancontext/BeanContextServicesSupport
bcsPreSerializationHook(Ljava/io/ObjectOutputStream;)V
java/beans/beancontext/BeanContextServicesSupport bcsPreDeserializationHook(Ljava/io/ObjectInputStream;)V
java/beans/beancontext/BeanContextServicesSupport writeObject(Ljava/io/ObjectOutputStream;)V
java/beans/beancontext/BeanContextServicesSupport readObject(Ljava/io/ObjectInputStream;)V
class java/beans/beancontext/BeanContextSupport$BCSIterator java/lang/Object
java/beans/beancontext/BeanContextSupport$BCSIterator src
java/beans/beancontext/BeanContextSupport$BCSIterator <init>(Ljava/util/Iterator;)V
java/beans/beancontext/BeanContextSupport$BCSIterator hasNext()Z
java/beans/beancontext/BeanContextSupport$BCSIterator next()Ljava/lang/Object;
java/beans/beancontext/BeanContextSupport$BCSIterator remove()V
class java/beans/java_awt_BorderLayout_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_awt_BorderLayout_PersistenceDelegate <init>()V
java/beans/java_awt_BorderLayout_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_awt_CardLayout_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_awt_CardLayout_PersistenceDelegate <init>()V
java/beans/java_awt_CardLayout_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_awt_Choice_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_awt_Choice_PersistenceDelegate <init>()V
java/beans/java_awt_Choice_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_awt_Component_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_awt_Component_PersistenceDelegate <init>()V
java/beans/java_awt_Component_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class
java/beans/java_awt_Container_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_awt_Container_PersistenceDelegate <init>()V
java/beans/java_awt_Container_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_awt_GridBagLayout_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_awt_GridBagLayout_PersistenceDelegate <init>()V
java/beans/java_awt_GridBagLayout_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_awt_List_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_awt_List_PersistenceDelegate <init>()V
java/beans/java_awt_List_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_awt_MenuBar_PersistenceDelegate java/beans/DefaultPersistenceDelegate

java/beans/java_awt_MenuBar_PersistenceDelegate
<init>()V
java/beans/java_awt_MenuBar_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_awt_MenuShortcut_PersistenceDelegate java/beans/PersistenceDelegate
java/beans/java_awt_MenuShortcut_PersistenceDelegate <init>()V
java/beans/java_awt_MenuShortcut_PersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
class java/beans/java_awt_Menu_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_awt_Menu_PersistenceDelegate <init>()V
java/beans/java_awt_Menu_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_awt_SystemColor_PersistenceDelegate java/beans/StaticFieldsPersistenceDelegate
java/beans/java_awt_SystemColor_PersistenceDelegate <init>()V
class java/beans/java_awt_font_TextAttribute_PersistenceDelegate java/beans/StaticFieldsPersistenceDelegate
java/beans/java_awt_font_TextAttribute_PersistenceDelegate
<init>()V
class java/beans/java_beans_beancontext_BeanContextSupport_PersistenceDelegate
java/beans/java_util_Collection_PersistenceDelegate
java/beans/java_beans_beancontext_BeanContextSupport_PersistenceDelegate <init>()V
class java/beans/java_lang_Class_PersistenceDelegate java/beans/PersistenceDelegate
java/beans/java_lang_Class_PersistenceDelegate <init>()V
java/beans/java_lang_Class_PersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
class java/beans/java_lang_String_PersistenceDelegate java/beans/PersistenceDelegate
java/beans/java_lang_String_PersistenceDelegate <init>()V
java/beans/java_lang_String_PersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
java/beans/java_lang_String_PersistenceDelegate writeObject(Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_lang_reflect_Field_PersistenceDelegate java/beans/PersistenceDelegate
java/beans/java_lang_reflect_Field_PersistenceDelegate
<init>()V
java/beans/java_lang_reflect_Field_PersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
class java/beans/java_lang_reflect_Method_PersistenceDelegate java/beans/PersistenceDelegate
java/beans/java_lang_reflect_Method_PersistenceDelegate <init>()V
java/beans/java_lang_reflect_Method_PersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
class java/beans/java_util_AbstractCollection_PersistenceDelegate
java/beans/java_util_Collection_PersistenceDelegate
java/beans/java_util_AbstractCollection_PersistenceDelegate <init>()V
class java/beans/java_util_AbstractList_PersistenceDelegate java/beans/java_util_List_PersistenceDelegate
java/beans/java_util_AbstractList_PersistenceDelegate <init>()V
class java/beans/java_util_AbstractMap_PersistenceDelegate java/beans/java_util_Map_PersistenceDelegate
java/beans/java_util_AbstractMap_PersistenceDelegate <init>()V
class
java/beans/java_util_Collection_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_util_Collection_PersistenceDelegate <init>()V

java/beans/java_util_Collection_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_util_Hashtable_PersistenceDelegate java/beans/java_util_Map_PersistenceDelegate
java/beans/java_util_Hashtable_PersistenceDelegate <init>()V
class java/beans/java_util_List_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_util_List_PersistenceDelegate <init>()V
java/beans/java_util_List_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/java_util_Map_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/java_util_Map_PersistenceDelegate <init>()V
java/beans/java_util_Map_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class
java/beans/javax_swing_Box_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/javax_swing_Box_PersistenceDelegate <init>()V
java/beans/javax_swing_Box_PersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
class java/beans/javax_swing_DefaultComboBoxModel_PersistenceDelegate
java/beans/DefaultPersistenceDelegate
java/beans/javax_swing_DefaultComboBoxModel_PersistenceDelegate <init>()V
java/beans/javax_swing_DefaultComboBoxModel_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/javax_swing_DefaultListModel_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/javax_swing_DefaultListModel_PersistenceDelegate <init>()V
java/beans/javax_swing_DefaultListModel_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/javax_swing_JFrame_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/javax_swing_JFrame_PersistenceDelegate
<init>()V
java/beans/javax_swing_JFrame_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/javax_swing_JMenu_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/javax_swing_JMenu_PersistenceDelegate <init>()V
java/beans/javax_swing_JMenu_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/javax_swing_JTabbedPane_PersistenceDelegate java/beans/DefaultPersistenceDelegate
java/beans/javax_swing_JTabbedPane_PersistenceDelegate <init>()V
java/beans/javax_swing_JTabbedPane_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V
class java/beans/javax_swing_ToolTipManager_PersistenceDelegate java/beans/PersistenceDelegate
java/beans/javax_swing_ToolTipManager_PersistenceDelegate <init>()V
java/beans/javax_swing_ToolTipManager_PersistenceDelegate
instantiate(Ljava/lang/Object;Ljava/beans/Encoder;)Ljava/beans/Expression;
class java/beans/javax_swing_tree_DefaultMutableTreeNode_PersistenceDelegate
java/beans/DefaultPersistenceDelegate
java/beans/javax_swing_tree_DefaultMutableTreeNode_PersistenceDelegate <init>()V
java/beans/javax_swing_tree_DefaultMutableTreeNode_PersistenceDelegate
initialize(Ljava/lang/Class;Ljava/lang/Object;Ljava/lang/Object;Ljava/beans/Encoder;)V

class java/io/CharArrayReader java/io/Reader
java/io/CharArrayReader buf
java/io/CharArrayReader pos
java/io/CharArrayReader markedPos
java/io/CharArrayReader count
java/io/CharArrayReader <init>([C)V
java/io/CharArrayReader <init>([CII)V
java/io/CharArrayReader ensureOpen()V
java/io/CharArrayReader read()I
java/io/CharArrayReader read([CII)I
java/io/CharArrayReader skip(J)J
java/io/CharArrayReader ready()Z
java/io/CharArrayReader markSupported()Z
java/io/CharArrayReader mark(I)V
java/io/CharArrayReader reset()V
java/io/CharArrayReader
close()V
class java/io/FilterWriter java/io/Writer
java/io/FilterWriter out
java/io/FilterWriter <init>(Ljava/io/Writer;)V
java/io/FilterWriter write(I)V
java/io/FilterWriter write([CII)V
java/io/FilterWriter write(Ljava/lang/String;II)V
java/io/FilterWriter flush()V
java/io/FilterWriter close()V
class java/io/LineNumberInputStream java/io/FilterInputStream
java/io/LineNumberInputStream pushBack
java/io/LineNumberInputStream lineNumber
java/io/LineNumberInputStream markLineNumber
java/io/LineNumberInputStream markPushBack
java/io/LineNumberInputStream <init>(Ljava/io/InputStream;)V
java/io/LineNumberInputStream read()I
java/io/LineNumberInputStream read([BII)I
java/io/LineNumberInputStream skip(J)J
java/io/LineNumberInputStream setLineNumber(I)V
java/io/LineNumberInputStream getLineNumber()I
java/io/LineNumberInputStream available()I
java/io/LineNumberInputStream mark(I)V
java/io/LineNumberInputStream reset()V
class java/io/LineNumberReader java/io/BufferedReader
java/io/LineNumberReader
lineNumber
java/io/LineNumberReader markedLineNumber
java/io/LineNumberReader skipLF
java/io/LineNumberReader markedSkipLF
java/io/LineNumberReader maxSkipBufferSize
java/io/LineNumberReader skipBuffer
java/io/LineNumberReader <init>(Ljava/io/Reader;)V

java/io/LineNumberReader <init>(Ljava/io/Reader;I)V
java/io/LineNumberReader setLineNumber(I)V
java/io/LineNumberReader getLineNumber()I
java/io/LineNumberReader read()I
java/io/LineNumberReader read([CII)I
java/io/LineNumberReader readLine()Ljava/lang/String;
java/io/LineNumberReader skip(J)J
java/io/LineNumberReader mark(I)V
java/io/LineNumberReader reset()V
class java/io/NotActiveException java/io/ObjectStreamException
java/io/NotActiveException <init>(Ljava/lang/String;)V
java/io/NotActiveException <init>()V
class java/io/ObjectInputStream$Caches java/lang/Object
java/io/ObjectInputStream$Caches subclassAudits
java/io/ObjectInputStream$Caches subclassAuditsQueue
java/io/ObjectInputStream$Caches <init>()V
java/io/ObjectInputStream$Caches
<clinit>()V
class java/io/ObjectInputStream$CallbackContext java/lang/Object
java/io/ObjectInputStream$CallbackContext obj
java/io/ObjectInputStream$CallbackContext desc
java/io/ObjectInputStream$CallbackContext used
java/io/ObjectInputStream$CallbackContext <init>(Ljava/lang/Object;Ljava/io/ObjectStreamClass;)V
java/io/ObjectInputStream$CallbackContext getObj()Ljava/lang/Object;
java/io/ObjectInputStream$CallbackContext getDesc()Ljava/io/ObjectStreamClass;
java/io/ObjectInputStream$CallbackContext checkAndSetUsed()V
java/io/ObjectInputStream$CallbackContext setUsed()V
class java/io/ObjectInputStream$ValidationList$Callback java/lang/Object
java/io/ObjectInputStream$ValidationList$Callback obj
java/io/ObjectInputStream$ValidationList$Callback priority
java/io/ObjectInputStream$ValidationList$Callback next
java/io/ObjectInputStream$ValidationList$Callback
<init>(Ljava/io/ObjectInputValidation;ILjava/io/ObjectInputStream$ValidationList$Callback;)V
class java/io/ObjectOutputStream$Caches
java/lang/Object
java/io/ObjectOutputStream$Caches subclassAudits
java/io/ObjectOutputStream$Caches subclassAuditsQueue
java/io/ObjectOutputStream$Caches <init>()V
java/io/ObjectOutputStream$Caches <clinit>()V
class java/io/ObjectOutputStream$PutField java/lang/Object
java/io/ObjectOutputStream$PutField <init>()V
java/io/ObjectOutputStream$PutField put(Ljava/lang/String;Z)V
java/io/ObjectOutputStream$PutField put(Ljava/lang/String;B)V
java/io/ObjectOutputStream$PutField put(Ljava/lang/String;C)V
java/io/ObjectOutputStream$PutField put(Ljava/lang/String;S)V
java/io/ObjectOutputStream$PutField put(Ljava/lang/String;I)V
java/io/ObjectOutputStream$PutField put(Ljava/lang/String;J)V
java/io/ObjectOutputStream$PutField put(Ljava/lang/String;F)V

java/io/ObjectOutputStream$PutField put(Ljava/lang/String;D)V
java/io/ObjectOutputStream$PutField put(Ljava/lang/String;Ljava/lang/Object;)V
java/io/ObjectOutputStream$PutField write(Ljava/io/ObjectOutput;)V
class java/io/ObjectOutputStream$PutFieldImpl
 java/io/ObjectOutputStream$PutField
java/io/ObjectOutputStream$PutFieldImpl desc
java/io/ObjectOutputStream$PutFieldImpl primVals
java/io/ObjectOutputStream$PutFieldImpl objVals
java/io/ObjectOutputStream$PutFieldImpl this$0
java/io/ObjectOutputStream$PutFieldImpl <init>(Ljava/io/ObjectOutputStream;Ljava/io/ObjectStreamClass;)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;Z)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;B)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;C)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;S)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;I)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;F)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;J)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;D)V
java/io/ObjectOutputStream$PutFieldImpl put(Ljava/lang/String;Ljava/lang/Object;)V
java/io/ObjectOutputStream$PutFieldImpl
 write(Ljava/io/ObjectOutput;)V
java/io/ObjectOutputStream$PutFieldImpl writeFields()V
java/io/ObjectOutputStream$PutFieldImpl getFieldOffset(Ljava/lang/String;Ljava/lang/Class;)I
class java/io/ObjectStreamClass$Caches java/lang/Object
java/io/ObjectStreamClass$Caches localDescs
java/io/ObjectStreamClass$Caches reflectors
java/io/ObjectStreamClass$Caches localDescsQueue
java/io/ObjectStreamClass$Caches reflectorsQueue
java/io/ObjectStreamClass$Caches <init>()V
java/io/ObjectStreamClass$Caches access$200()Ljava/lang/ref/ReferenceQueue;
java/io/ObjectStreamClass$Caches access$2500()Ljava/lang/ref/ReferenceQueue;
java/io/ObjectStreamClass$Caches <clinit>()V
class java/io/ObjectStreamClass$EntryFuture$1 java/lang/Object
java/io/ObjectStreamClass$EntryFuture$1 this$0
java/io/ObjectStreamClass$EntryFuture$1 <init>(Ljava/io/ObjectStreamClass$EntryFuture;)V
java/io/ObjectStreamClass$EntryFuture$1 run()Ljava/lang/Object;
class java/io/ObjectStreamClass$WeakClassKey java/lang/ref/WeakReference
java/io/ObjectStreamClass$WeakClassKey
 hash
java/io/ObjectStreamClass$WeakClassKey <init>(Ljava/lang/Class;Ljava/lang/ref/ReferenceQueue;)V
java/io/ObjectStreamClass$WeakClassKey hashCode()I
java/io/ObjectStreamClass$WeakClassKey equals(Ljava/lang/Object;)Z
class java/io/PipedInputStream java/io/InputStream
java/io/PipedInputStream closedByWriter
java/io/PipedInputStream closedByReader
java/io/PipedInputStream connected
java/io/PipedInputStream readSide
java/io/PipedInputStream writeSide

java/io/PipedInputStream PIPE_SIZE
java/io/PipedInputStream buffer
java/io/PipedInputStream in
java/io/PipedInputStream out
java/io/PipedInputStream $assertionsDisabled
java/io/PipedInputStream <init>(Ljava/io/PipedOutputStream;)V
java/io/PipedInputStream <init>()V
java/io/PipedInputStream connect(Ljava/io/PipedOutputStream;)V
java/io/PipedInputStream receive(I)V
java/io/PipedInputStream receive([BII)V
java/io/PipedInputStream checkStateForReceive()V
java/io/PipedInputStream awaitSpace()V
java/io/PipedInputStream
receivedLast()V
java/io/PipedInputStream read()I
java/io/PipedInputStream read([BII)I
java/io/PipedInputStream available()I
java/io/PipedInputStream close()V
java/io/PipedInputStream <clinit>()V
class java/io/PipedOutputStream java/io/OutputStream
java/io/PipedOutputStream sink
java/io/PipedOutputStream <init>(Ljava/io/PipedInputStream;)V
java/io/PipedOutputStream <init>()V
java/io/PipedOutputStream connect(Ljava/io/PipedInputStream;)V
java/io/PipedOutputStream write(I)V
java/io/PipedOutputStream write([BII)V
java/io/PipedOutputStream flush()V
java/io/PipedOutputStream close()V
class java/io/PipedReader java/io/Reader
java/io/PipedReader closedByWriter
java/io/PipedReader closedByReader
java/io/PipedReader connected
java/io/PipedReader readSide
java/io/PipedReader writeSide
java/io/PipedReader PIPE_SIZE
java/io/PipedReader buffer
java/io/PipedReader in
java/io/PipedReader out
java/io/PipedReader <init>(Ljava/io/PipedWriter;)V
java/io/PipedReader <init>()V
java/io/PipedReader
connect(Ljava/io/PipedWriter;)V
java/io/PipedReader receive(I)V
java/io/PipedReader receive([CII)V
java/io/PipedReader receivedLast()V
java/io/PipedReader read()I
java/io/PipedReader read([CII)I
java/io/PipedReader ready()Z

java/io/PipedReader close()V
class java/io/PipedWriter java/io/Writer
java/io/PipedWriter sink
java/io/PipedWriter closed
java/io/PipedWriter <init>(Ljava/io/PipedReader;)V
java/io/PipedWriter <init>()V
java/io/PipedWriter connect(Ljava/io/PipedReader;)V
java/io/PipedWriter write(I)V
java/io/PipedWriter write([CII)V
java/io/PipedWriter flush()V
java/io/PipedWriter close()V
class java/io/PushbackReader java/io/FilterReader
java/io/PushbackReader buf
java/io/PushbackReader pos
java/io/PushbackReader <init>(Ljava/io/Reader;I)V
java/io/PushbackReader <init>(Ljava/io/Reader;)V
java/io/PushbackReader ensureOpen()V
java/io/PushbackReader read()I
java/io/PushbackReader read([CII)I
java/io/PushbackReader unread(I)V
java/io/PushbackReader unread([CII)V
java/io/PushbackReader
 unread([C)V
java/io/PushbackReader ready()Z
java/io/PushbackReader mark(I)V
java/io/PushbackReader reset()V
java/io/PushbackReader markSupported()Z
java/io/PushbackReader close()V
java/io/PushbackReader skip(J)J
class java/io/SequenceInputStream java/io/InputStream
java/io/SequenceInputStream e
java/io/SequenceInputStream in
java/io/SequenceInputStream <init>(Ljava/util/Enumeration;)V
java/io/SequenceInputStream <init>(Ljava/io/InputStream;Ljava/io/InputStream;)V
java/io/SequenceInputStream nextStream()V
java/io/SequenceInputStream available()I
java/io/SequenceInputStream read()I
java/io/SequenceInputStream read([BII)I
java/io/SequenceInputStream close()V
class java/io/SerializablePermission java/security/BasicPermission
java/io/SerializablePermission actions
java/io/SerializablePermission <init>(Ljava/lang/String;)V
java/io/SerializablePermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/io/StreamCorruptedException java/io/ObjectStreamException
java/io/StreamCorruptedException
 <init>(Ljava/lang/String;)V
java/io/StreamCorruptedException <init>()V
class java/io/StringBufferInputStream java/io/InputStream

java/io/StringBufferInputStream buffer
java/io/StringBufferInputStream pos
java/io/StringBufferInputStream count
java/io/StringBufferInputStream <init>(Ljava/lang/String;)V
java/io/StringBufferInputStream read()I
java/io/StringBufferInputStream read([BII)I
java/io/StringBufferInputStream skip(J)J
java/io/StringBufferInputStream available()I
java/io/StringBufferInputStream reset()V
class java/io/UTFDataFormatException java/io/IOException
java/io/UTFDataFormatException <init>()V
java/io/UTFDataFormatException <init>(Ljava/lang/String;)V
class java/io/WriteAbortedException java/io/ObjectStreamException
java/io/WriteAbortedException serialVersionUID
java/io/WriteAbortedException detail
java/io/WriteAbortedException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
java/io/WriteAbortedException getMessage()Ljava/lang/String;
java/io/WriteAbortedException
 getCause()Ljava/lang/Throwable;
class java/lang/AbstractMethodError java/lang/IncompatibleClassChangeError
java/lang/AbstractMethodError <init>()V
java/lang/AbstractMethodError <init>(Ljava/lang/String;)V
class java/lang/AssertionError java/lang/Error
java/lang/AssertionError <init>()V
java/lang/AssertionError <init>(Ljava/lang/String;)V
java/lang/AssertionError <init>(Ljava/lang/Object;)V
java/lang/AssertionError <init>(Z)V
java/lang/AssertionError <init>(C)V
java/lang/AssertionError <init>(I)V
java/lang/AssertionError <init>(J)V
java/lang/AssertionError <init>(F)V
java/lang/AssertionError <init>(D)V
class java/lang/AssertionStatusDirectives java/lang/Object
java/lang/AssertionStatusDirectives classes
java/lang/AssertionStatusDirectives classEnabled
java/lang/AssertionStatusDirectives packages
java/lang/AssertionStatusDirectives packageEnabled
java/lang/AssertionStatusDirectives deflt
java/lang/AssertionStatusDirectives <init>()V
class java/lang/Byte$ByteCache java/lang/Object
java/lang/Byte$ByteCache
 cache
java/lang/Byte$ByteCache <init>()V
java/lang/Byte$ByteCache <clinit>()V
class java/lang/Character$CharacterCache java/lang/Object
java/lang/Character$CharacterCache cache
java/lang/Character$CharacterCache <init>()V
java/lang/Character$CharacterCache <clinit>()V

class java/lang/Character$Subset java/lang/Object
java/lang/Character$Subset name
java/lang/Character$Subset <init>(Ljava/lang/String;)V
java/lang/Character$Subset equals(Ljava/lang/Object;)Z
java/lang/Character$Subset hashCode()I
java/lang/Character$Subset toString()Ljava/lang/String;
class java/lang/Character$UnicodeBlock java/lang/Character$Subset
java/lang/Character$UnicodeBlock map
java/lang/Character$UnicodeBlock BASIC_LATIN
java/lang/Character$UnicodeBlock LATIN_1_SUPPLEMENT
java/lang/Character$UnicodeBlock LATIN_EXTENDED_A
java/lang/Character$UnicodeBlock LATIN_EXTENDED_B
java/lang/Character$UnicodeBlock IPA_EXTENSIONS
java/lang/Character$UnicodeBlock SPACING_MODIFIER_LETTERS
java/lang/Character$UnicodeBlock
COMBINING_DIACRITICAL_MARKS
java/lang/Character$UnicodeBlock GREEK
java/lang/Character$UnicodeBlock CYRILLIC
java/lang/Character$UnicodeBlock ARMENIAN
java/lang/Character$UnicodeBlock HEBREW
java/lang/Character$UnicodeBlock ARABIC
java/lang/Character$UnicodeBlock DEVANAGARI
java/lang/Character$UnicodeBlock BENGALI
java/lang/Character$UnicodeBlock GURMUKHI
java/lang/Character$UnicodeBlock GUJARATI
java/lang/Character$UnicodeBlock ORIYA
java/lang/Character$UnicodeBlock TAMIL
java/lang/Character$UnicodeBlock TELUGU
java/lang/Character$UnicodeBlock KANNADA
java/lang/Character$UnicodeBlock MALAYALAM
java/lang/Character$UnicodeBlock THAI
java/lang/Character$UnicodeBlock LAO
java/lang/Character$UnicodeBlock TIBETAN
java/lang/Character$UnicodeBlock GEORGIAN
java/lang/Character$UnicodeBlock HANGUL_JAMO
java/lang/Character$UnicodeBlock LATIN_EXTENDED_ADDITIONAL
java/lang/Character$UnicodeBlock GREEK_EXTENDED
java/lang/Character$UnicodeBlock GENERAL_PUNCTUATION
java/lang/Character$UnicodeBlock
SUPERSCRIPTS_AND_SUBSCRIPTS
java/lang/Character$UnicodeBlock CURRENCY_SYMBOLS
java/lang/Character$UnicodeBlock COMBINING_MARKS_FOR_SYMBOLS
java/lang/Character$UnicodeBlock LETTERLIKE_SYMBOLS
java/lang/Character$UnicodeBlock NUMBER_FORMS
java/lang/Character$UnicodeBlock ARROWS
java/lang/Character$UnicodeBlock MATHEMATICAL_OPERATORS
java/lang/Character$UnicodeBlock MISCELLANEOUS_TECHNICAL
java/lang/Character$UnicodeBlock CONTROL_PICTURES

java/lang/Character$UnicodeBlock OPTICAL_CHARACTER_RECOGNITION
java/lang/Character$UnicodeBlock ENCLOSED_ALPHANUMERICS
java/lang/Character$UnicodeBlock BOX_DRAWING
java/lang/Character$UnicodeBlock BLOCK_ELEMENTS
java/lang/Character$UnicodeBlock GEOMETRIC_SHAPES
java/lang/Character$UnicodeBlock MISCELLANEOUS_SYMBOLS
java/lang/Character$UnicodeBlock DINGBATS
java/lang/Character$UnicodeBlock CJK_SYMBOLS_AND_PUNCTUATION
java/lang/Character$UnicodeBlock HIRAGANA
java/lang/Character$UnicodeBlock KATAKANA
java/lang/Character$UnicodeBlock BOPOMOFO
java/lang/Character$UnicodeBlock
HANGUL_COMPATIBILITY_JAMO
java/lang/Character$UnicodeBlock KANBUN
java/lang/Character$UnicodeBlock ENCLOSED_CJK_LETTERS_AND_MONTHS
java/lang/Character$UnicodeBlock CJK_COMPATIBILITY
java/lang/Character$UnicodeBlock CJK_UNIFIED_IDEOGRAPHS
java/lang/Character$UnicodeBlock HANGUL_SYLLABLES
java/lang/Character$UnicodeBlock PRIVATE_USE_AREA
java/lang/Character$UnicodeBlock CJK_COMPATIBILITY_IDEOGRAPHS
java/lang/Character$UnicodeBlock ALPHABETIC_PRESENTATION_FORMS
java/lang/Character$UnicodeBlock ARABIC_PRESENTATION_FORMS_A
java/lang/Character$UnicodeBlock COMBINING_HALF_MARKS
java/lang/Character$UnicodeBlock CJK_COMPATIBILITY_FORMS
java/lang/Character$UnicodeBlock SMALL_FORM_VARIANTS
java/lang/Character$UnicodeBlock ARABIC_PRESENTATION_FORMS_B
java/lang/Character$UnicodeBlock HALFWIDTH_AND_FULLWIDTH_FORMS
java/lang/Character$UnicodeBlock SPECIALS
java/lang/Character$UnicodeBlock SURROGATES_AREA
java/lang/Character$UnicodeBlock SYRIAC
java/lang/Character$UnicodeBlock
THAANA
java/lang/Character$UnicodeBlock SINHALA
java/lang/Character$UnicodeBlock MYANMAR
java/lang/Character$UnicodeBlock ETHIOPIC
java/lang/Character$UnicodeBlock CHEROKEE
java/lang/Character$UnicodeBlock UNIFIED_CANADIAN_ABORIGINAL_SYLLABICS
java/lang/Character$UnicodeBlock OGHAM
java/lang/Character$UnicodeBlock RUNIC
java/lang/Character$UnicodeBlock KHMER
java/lang/Character$UnicodeBlock MONGOLIAN
java/lang/Character$UnicodeBlock BRAILLE_PATTERNS
java/lang/Character$UnicodeBlock CJK_RADICALS_SUPPLEMENT
java/lang/Character$UnicodeBlock KANGXI_RADICALS
java/lang/Character$UnicodeBlock IDEOGRAPHIC_DESCRIPTION_CHARACTERS
java/lang/Character$UnicodeBlock BOPOMOFO_EXTENDED
java/lang/Character$UnicodeBlock CJK_UNIFIED_IDEOGRAPHS_EXTENSION_A
java/lang/Character$UnicodeBlock YI_SYLLABLES

java/lang/Character$UnicodeBlock YI_RADICALS
java/lang/Character$UnicodeBlock CYRILLIC_SUPPLEMENTARY
java/lang/Character$UnicodeBlock TAGALOG
java/lang/Character$UnicodeBlock HANUNOO
java/lang/Character$UnicodeBlock
BUHID
java/lang/Character$UnicodeBlock TAGBANWA
java/lang/Character$UnicodeBlock LIMBU
java/lang/Character$UnicodeBlock TAI_LE
java/lang/Character$UnicodeBlock KHMER_SYMBOLS
java/lang/Character$UnicodeBlock PHONETIC_EXTENSIONS
java/lang/Character$UnicodeBlock MISCELLANEOUS_MATHEMATICAL_SYMBOLS_A
java/lang/Character$UnicodeBlock SUPPLEMENTAL_ARROWS_A
java/lang/Character$UnicodeBlock SUPPLEMENTAL_ARROWS_B
java/lang/Character$UnicodeBlock MISCELLANEOUS_MATHEMATICAL_SYMBOLS_B
java/lang/Character$UnicodeBlock SUPPLEMENTAL_MATHEMATICAL_OPERATORS
java/lang/Character$UnicodeBlock MISCELLANEOUS_SYMBOLS_AND_ARROWS
java/lang/Character$UnicodeBlock KATAKANA_PHONETIC_EXTENSIONS
java/lang/Character$UnicodeBlock YIJING_HEXAGRAM_SYMBOLS
java/lang/Character$UnicodeBlock VARIATION_SELECTORS
java/lang/Character$UnicodeBlock LINEAR_B_SYLLABARY
java/lang/Character$UnicodeBlock LINEAR_B_IDEOGRAMS
java/lang/Character$UnicodeBlock AEGEAN_NUMBERS
java/lang/Character$UnicodeBlock OLD_ITALIC
java/lang/Character$UnicodeBlock
GOTHIC
java/lang/Character$UnicodeBlock UGARITIC
java/lang/Character$UnicodeBlock DESERET
java/lang/Character$UnicodeBlock SHAVIAN
java/lang/Character$UnicodeBlock OSMANYA
java/lang/Character$UnicodeBlock CYPRIOT_SYLLABARY
java/lang/Character$UnicodeBlock BYZANTINE_MUSICAL_SYMBOLS
java/lang/Character$UnicodeBlock MUSICAL_SYMBOLS
java/lang/Character$UnicodeBlock TAI_XUAN_JING_SYMBOLS
java/lang/Character$UnicodeBlock MATHEMATICAL_ALPHANUMERIC_SYMBOLS
java/lang/Character$UnicodeBlock CJK_UNIFIED_IDEOGRAPHS_EXTENSION_B
java/lang/Character$UnicodeBlock CJK_COMPATIBILITY_IDEOGRAPHS_SUPPLEMENT
java/lang/Character$UnicodeBlock TAGS
java/lang/Character$UnicodeBlock VARIATION_SELECTORS_SUPPLEMENT
java/lang/Character$UnicodeBlock SUPPLEMENTARY_PRIVATE_USE_AREA_A
java/lang/Character$UnicodeBlock SUPPLEMENTARY_PRIVATE_USE_AREA_B
java/lang/Character$UnicodeBlock HIGH_SURROGATES
java/lang/Character$UnicodeBlock HIGH_PRIVATE_USE_SURROGATES
java/lang/Character$UnicodeBlock
LOW_SURROGATES
java/lang/Character$UnicodeBlock blockStarts
java/lang/Character$UnicodeBlock blocks
java/lang/Character$UnicodeBlock <init>(Ljava/lang/String;)V

java/lang/Character$UnicodeBlock <init>(Ljava/lang/String;Ljava/lang/String;)V
java/lang/Character$UnicodeBlock <init>(Ljava/lang/String;[Ljava/lang/String;)V
java/lang/Character$UnicodeBlock of(C)Ljava/lang/Character$UnicodeBlock;
java/lang/Character$UnicodeBlock of(I)Ljava/lang/Character$UnicodeBlock;
java/lang/Character$UnicodeBlock forName(Ljava/lang/String;)Ljava/lang/Character$UnicodeBlock;
java/lang/Character$UnicodeBlock <clinit>()V
class java/lang/CharacterData00 java/lang/Object
java/lang/CharacterData00 charMap
java/lang/CharacterData00 X
java/lang/CharacterData00 Y
java/lang/CharacterData00 A
java/lang/CharacterData00 A_DATA
java/lang/CharacterData00 $assertionsDisabled
java/lang/CharacterData00 <init>()V
java/lang/CharacterData00 getProperties(I)I
java/lang/CharacterData00 getType(I)I
java/lang/CharacterData00
 isLowerCase(I)Z
java/lang/CharacterData00 isUpperCase(I)Z
java/lang/CharacterData00 isTitleCase(I)Z
java/lang/CharacterData00 isDigit(I)Z
java/lang/CharacterData00 isDefined(I)Z
java/lang/CharacterData00 isLetter(I)Z
java/lang/CharacterData00 isLetterOrDigit(I)Z
java/lang/CharacterData00 isSpaceChar(I)Z
java/lang/CharacterData00 isJavaIdentifierStart(I)Z
java/lang/CharacterData00 isJavaIdentifierPart(I)Z
java/lang/CharacterData00 isUnicodeIdentifierStart(I)Z
java/lang/CharacterData00 isUnicodeIdentifierPart(I)Z
java/lang/CharacterData00 isIdentifierIgnorable(I)Z
java/lang/CharacterData00 toLowerCase(I)I
java/lang/CharacterData00 toUpperCase(I)I
java/lang/CharacterData00 toTitleCase(I)I
java/lang/CharacterData00 digit(II)I
java/lang/CharacterData00 getNumericValue(I)I
java/lang/CharacterData00 isWhitespace(I)Z
java/lang/CharacterData00 getDirectionality(I)B
java/lang/CharacterData00 isMirrored(I)Z
java/lang/CharacterData00 toUpperCaseEx(I)I
java/lang/CharacterData00 toUpperCaseCharArray(I)[C
java/lang/CharacterData00
 findInCharMap(I)I
java/lang/CharacterData00 <clinit>()V
class java/lang/CharacterData01 java/lang/Object
java/lang/CharacterData01 X
java/lang/CharacterData01 Y
java/lang/CharacterData01 A
java/lang/CharacterData01 A_DATA

java/lang/CharacterData01 $assertionsDisabled
java/lang/CharacterData01 <init>()V
java/lang/CharacterData01 getProperties(I)I
java/lang/CharacterData01 getType(I)I
java/lang/CharacterData01 isLowerCase(I)Z
java/lang/CharacterData01 isUpperCase(I)Z
java/lang/CharacterData01 isTitleCase(I)Z
java/lang/CharacterData01 isDigit(I)Z
java/lang/CharacterData01 isDefined(I)Z
java/lang/CharacterData01 isLetter(I)Z
java/lang/CharacterData01 isLetterOrDigit(I)Z
java/lang/CharacterData01 isSpaceChar(I)Z
java/lang/CharacterData01 isJavaIdentifierStart(I)Z
java/lang/CharacterData01 isJavaIdentifierPart(I)Z
java/lang/CharacterData01 isUnicodeIdentifierStart(I)Z
java/lang/CharacterData01 isUnicodeIdentifierPart(I)Z
java/lang/CharacterData01 isIdentifierIgnorable(I)Z
java/lang/CharacterData01
toLowerCase(I)I
java/lang/CharacterData01 toUpperCase(I)I
java/lang/CharacterData01 toTitleCase(I)I
java/lang/CharacterData01 digit(II)I
java/lang/CharacterData01 getNumericValue(I)I
java/lang/CharacterData01 isWhitespace(I)Z
java/lang/CharacterData01 getDirectionality(I)B
java/lang/CharacterData01 isMirrored(I)Z
java/lang/CharacterData01 <clinit>()V
class java/lang/CharacterData02 java/lang/Object
java/lang/CharacterData02 X
java/lang/CharacterData02 Y
java/lang/CharacterData02 A
java/lang/CharacterData02 A_DATA
java/lang/CharacterData02 $assertionsDisabled
java/lang/CharacterData02 <init>()V
java/lang/CharacterData02 getProperties(I)I
java/lang/CharacterData02 getType(I)I
java/lang/CharacterData02 isLowerCase(I)Z
java/lang/CharacterData02 isUpperCase(I)Z
java/lang/CharacterData02 isTitleCase(I)Z
java/lang/CharacterData02 isDigit(I)Z
java/lang/CharacterData02 isDefined(I)Z
java/lang/CharacterData02 isLetter(I)Z
java/lang/CharacterData02 isLetterOrDigit(I)Z
java/lang/CharacterData02
isSpaceChar(I)Z
java/lang/CharacterData02 isJavaIdentifierStart(I)Z
java/lang/CharacterData02 isJavaIdentifierPart(I)Z
java/lang/CharacterData02 isUnicodeIdentifierStart(I)Z

java/lang/CharacterData02 isUnicodeIdentifierPart(I)Z
java/lang/CharacterData02 isIdentifierIgnorable(I)Z
java/lang/CharacterData02 toLowerCase(I)I
java/lang/CharacterData02 toUpperCase(I)I
java/lang/CharacterData02 toTitleCase(I)I
java/lang/CharacterData02 digit(II)I
java/lang/CharacterData02 getNumericValue(I)I
java/lang/CharacterData02 isWhitespace(I)Z
java/lang/CharacterData02 getDirectionality(I)B
java/lang/CharacterData02 isMirrored(I)Z
java/lang/CharacterData02 <clinit>()V
class java/lang/CharacterData0E java/lang/Object
java/lang/CharacterData0E X
java/lang/CharacterData0E Y
java/lang/CharacterData0E A
java/lang/CharacterData0E A_DATA
java/lang/CharacterData0E $assertionsDisabled
java/lang/CharacterData0E <init>()V
java/lang/CharacterData0E getProperties(I)I
java/lang/CharacterData0E
getType(I)I
java/lang/CharacterData0E isLowerCase(I)Z
java/lang/CharacterData0E isUpperCase(I)Z
java/lang/CharacterData0E isTitleCase(I)Z
java/lang/CharacterData0E isDigit(I)Z
java/lang/CharacterData0E isDefined(I)Z
java/lang/CharacterData0E isLetter(I)Z
java/lang/CharacterData0E isLetterOrDigit(I)Z
java/lang/CharacterData0E isSpaceChar(I)Z
java/lang/CharacterData0E isJavaIdentifierStart(I)Z
java/lang/CharacterData0E isJavaIdentifierPart(I)Z
java/lang/CharacterData0E isUnicodeIdentifierStart(I)Z
java/lang/CharacterData0E isUnicodeIdentifierPart(I)Z
java/lang/CharacterData0E isIdentifierIgnorable(I)Z
java/lang/CharacterData0E toLowerCase(I)I
java/lang/CharacterData0E toUpperCase(I)I
java/lang/CharacterData0E toTitleCase(I)I
java/lang/CharacterData0E digit(II)I
java/lang/CharacterData0E getNumericValue(I)I
java/lang/CharacterData0E isWhitespace(I)Z
java/lang/CharacterData0E getDirectionality(I)B
java/lang/CharacterData0E isMirrored(I)Z
java/lang/CharacterData0E <clinit>()V
class
java/lang/CharacterDataPrivateUse java/lang/Object
java/lang/CharacterDataPrivateUse <init>()V
java/lang/CharacterDataPrivateUse getProperties(I)I
java/lang/CharacterDataPrivateUse getType(I)I

java/lang/CharacterDataPrivateUse isLowerCase(I)Z
java/lang/CharacterDataPrivateUse isUpperCase(I)Z
java/lang/CharacterDataPrivateUse isTitleCase(I)Z
java/lang/CharacterDataPrivateUse isDigit(I)Z
java/lang/CharacterDataPrivateUse isDefined(I)Z
java/lang/CharacterDataPrivateUse isLetter(I)Z
java/lang/CharacterDataPrivateUse isLetterOrDigit(I)Z
java/lang/CharacterDataPrivateUse isSpaceChar(I)Z
java/lang/CharacterDataPrivateUse isJavaIdentifierStart(I)Z
java/lang/CharacterDataPrivateUse isJavaIdentifierPart(I)Z
java/lang/CharacterDataPrivateUse isUnicodeIdentifierStart(I)Z
java/lang/CharacterDataPrivateUse isUnicodeIdentifierPart(I)Z
java/lang/CharacterDataPrivateUse isIdentifierIgnorable(I)Z
java/lang/CharacterDataPrivateUse toLowerCase(I)I
java/lang/CharacterDataPrivateUse toUpperCase(I)I
java/lang/CharacterDataPrivateUse
toTitleCase(I)I
java/lang/CharacterDataPrivateUse digit(II)I
java/lang/CharacterDataPrivateUse getNumericValue(I)I
java/lang/CharacterDataPrivateUse isWhitespace(I)Z
java/lang/CharacterDataPrivateUse getDirectionality(I)B
java/lang/CharacterDataPrivateUse isMirrored(I)Z
class java/lang/CharacterDataUndefined java/lang/Object
java/lang/CharacterDataUndefined <init>()V
java/lang/CharacterDataUndefined getProperties(I)I
java/lang/CharacterDataUndefined getType(I)I
java/lang/CharacterDataUndefined isLowerCase(I)Z
java/lang/CharacterDataUndefined isUpperCase(I)Z
java/lang/CharacterDataUndefined isTitleCase(I)Z
java/lang/CharacterDataUndefined isDigit(I)Z
java/lang/CharacterDataUndefined isDefined(I)Z
java/lang/CharacterDataUndefined isLetter(I)Z
java/lang/CharacterDataUndefined isLetterOrDigit(I)Z
java/lang/CharacterDataUndefined isSpaceChar(I)Z
java/lang/CharacterDataUndefined isJavaIdentifierStart(I)Z
java/lang/CharacterDataUndefined isJavaIdentifierPart(I)Z
java/lang/CharacterDataUndefined
isUnicodeIdentifierStart(I)Z
java/lang/CharacterDataUndefined isUnicodeIdentifierPart(I)Z
java/lang/CharacterDataUndefined isIdentifierIgnorable(I)Z
java/lang/CharacterDataUndefined toLowerCase(I)I
java/lang/CharacterDataUndefined toUpperCase(I)I
java/lang/CharacterDataUndefined toTitleCase(I)I
java/lang/CharacterDataUndefined digit(II)I
java/lang/CharacterDataUndefined getNumericValue(I)I
java/lang/CharacterDataUndefined isWhitespace(I)Z
java/lang/CharacterDataUndefined getDirectionality(I)B
java/lang/CharacterDataUndefined isMirrored(I)Z

class java/lang/Class$2 java/lang/Object
java/lang/Class$2 this$0
java/lang/Class$2 <init>(Ljava/lang/Class;)V
java/lang/Class$2 run()Ljava/lang/Object;
class java/lang/Class$4 java/lang/Object
java/lang/Class$4 val$values
java/lang/Class$4 this$0
java/lang/Class$4 <init>(Ljava/lang/Class;Ljava/lang/reflect/Method;)V
java/lang/Class$4 run()Ljava/lang/Object;
class java/lang/Class$EnclosingMethodInfo java/lang/Object
java/lang/Class$EnclosingMethodInfo
 enclosingClass
java/lang/Class$EnclosingMethodInfo name
java/lang/Class$EnclosingMethodInfo descriptor
java/lang/Class$EnclosingMethodInfo $assertionsDisabled
java/lang/Class$EnclosingMethodInfo <init>([Ljava/lang/Object;)V
java/lang/Class$EnclosingMethodInfo isPartial()Z
java/lang/Class$EnclosingMethodInfo isConstructor()Z
java/lang/Class$EnclosingMethodInfo isMethod()Z
java/lang/Class$EnclosingMethodInfo getEnclosingClass()Ljava/lang/Class;
java/lang/Class$EnclosingMethodInfo getName()Ljava/lang/String;
java/lang/Class$EnclosingMethodInfo getDescriptor()Ljava/lang/String;
java/lang/Class$EnclosingMethodInfo <init>([Ljava/lang/Object;Ljava/lang/Class$1;)V
java/lang/Class$EnclosingMethodInfo <clinit>()V
class java/lang/ClassCircularityError java/lang/LinkageError
java/lang/ClassCircularityError <init>()V
java/lang/ClassCircularityError <init>(Ljava/lang/String;)V
class java/lang/ConditionalSpecialCasing$Entry java/lang/Object
java/lang/ConditionalSpecialCasing$Entry
 ch
java/lang/ConditionalSpecialCasing$Entry lower
java/lang/ConditionalSpecialCasing$Entry upper
java/lang/ConditionalSpecialCasing$Entry lang
java/lang/ConditionalSpecialCasing$Entry condition
java/lang/ConditionalSpecialCasing$Entry <init>(I[C[CLjava/lang/String;I)V
java/lang/ConditionalSpecialCasing$Entry getCodePoint()I
java/lang/ConditionalSpecialCasing$Entry getLowerCase()[C
java/lang/ConditionalSpecialCasing$Entry getUpperCase()[C
java/lang/ConditionalSpecialCasing$Entry getLanguage()Ljava/lang/String;
java/lang/ConditionalSpecialCasing$Entry getCondition()I
class java/lang/ConditionalSpecialCasing java/lang/Object
java/lang/ConditionalSpecialCasing FINAL_CASED
java/lang/ConditionalSpecialCasing AFTER_SOFT_DOTTED
java/lang/ConditionalSpecialCasing MORE_ABOVE
java/lang/ConditionalSpecialCasing AFTER_I
java/lang/ConditionalSpecialCasing NOT_BEFORE_DOT
java/lang/ConditionalSpecialCasing COMBINING_CLASS_ABOVE
java/lang/ConditionalSpecialCasing entry

java/lang/ConditionalSpecialCasing
 entryTable
java/lang/ConditionalSpecialCasing <init>()V
java/lang/ConditionalSpecialCasing toLowerCaseEx(Ljava/lang/String;ILjava/util/Locale;)I
java/lang/ConditionalSpecialCasing toUpperCaseEx(Ljava/lang/String;ILjava/util/Locale;)I
java/lang/ConditionalSpecialCasing toLowerCaseCharArray(Ljava/lang/String;ILjava/util/Locale;)[C
java/lang/ConditionalSpecialCasing toUpperCaseCharArray(Ljava/lang/String;ILjava/util/Locale;)[C
java/lang/ConditionalSpecialCasing lookUpTable(Ljava/lang/String;ILjava/util/Locale;Z)[C
java/lang/ConditionalSpecialCasing isConditionMet(Ljava/lang/String;ILjava/util/Locale;I)Z
java/lang/ConditionalSpecialCasing isFinalCased(Ljava/lang/String;ILjava/util/Locale;)Z
java/lang/ConditionalSpecialCasing isAfterI(Ljava/lang/String;I)Z
java/lang/ConditionalSpecialCasing isAfterSoftDotted(Ljava/lang/String;I)Z
java/lang/ConditionalSpecialCasing isMoreAbove(Ljava/lang/String;I)Z
java/lang/ConditionalSpecialCasing isBeforeDot(Ljava/lang/String;I)Z
java/lang/ConditionalSpecialCasing
 isCased(I)Z
java/lang/ConditionalSpecialCasing isSoftDotted(I)Z
java/lang/ConditionalSpecialCasing <clinit>()V
class java/lang/Deprecated java/lang/Object
class java/lang/EnumConstantNotPresentException java/lang/RuntimeException
java/lang/EnumConstantNotPresentException enumType
java/lang/EnumConstantNotPresentException constantName
java/lang/EnumConstantNotPresentException <init>(Ljava/lang/Class;Ljava/lang/String;)V
java/lang/EnumConstantNotPresentException enumType()Ljava/lang/Class;
java/lang/EnumConstantNotPresentException constantName()Ljava/lang/String;
class java/lang/IllegalMonitorStateException java/lang/RuntimeException
java/lang/IllegalMonitorStateException <init>()V
java/lang/IllegalMonitorStateException <init>(Ljava/lang/String;)V
class java/lang/InstantiationError java/lang/IncompatibleClassChangeError
java/lang/InstantiationError <init>()V
java/lang/InstantiationError <init>(Ljava/lang/String;)V
class java/lang/Long$LongCache java/lang/Object
java/lang/Long$LongCache
 cache
java/lang/Long$LongCache <init>()V
java/lang/Long$LongCache <clinit>()V
class java/lang/NegativeArraySizeException java/lang/RuntimeException
java/lang/NegativeArraySizeException <init>()V
java/lang/NegativeArraySizeException <init>(Ljava/lang/String;)V
class java/lang/NoSuchFieldError java/lang/IncompatibleClassChangeError
java/lang/NoSuchFieldError <init>()V
java/lang/NoSuchFieldError <init>(Ljava/lang/String;)V
class java/lang/Override java/lang/Object
class java/lang/Package$1 java/lang/Object
java/lang/Package$1 val$iname
java/lang/Package$1 val$fn
java/lang/Package$1 <init>(Ljava/lang/String;Ljava/lang/String;)V
java/lang/Package$1 run()Ljava/lang/Object;

class java/lang/Package$1PackageInfoProxy java/lang/Object
java/lang/Package$1PackageInfoProxy this$0
java/lang/Package$1PackageInfoProxy <init>(Ljava/lang/Package;)V
class java/lang/ProcessBuilder java/lang/Object
java/lang/ProcessBuilder command
java/lang/ProcessBuilder directory
java/lang/ProcessBuilder
 environment
java/lang/ProcessBuilder redirectErrorStream
java/lang/ProcessBuilder $assertionsDisabled
java/lang/ProcessBuilder <init>(Ljava/util/List;)V
java/lang/ProcessBuilder <init>([Ljava/lang/String;)V
java/lang/ProcessBuilder command(Ljava/util/List;)Ljava/lang/ProcessBuilder;
java/lang/ProcessBuilder command([Ljava/lang/String;)Ljava/lang/ProcessBuilder;
java/lang/ProcessBuilder command()Ljava/util/List;
java/lang/ProcessBuilder environment()Ljava/util/Map;
java/lang/ProcessBuilder environment([Ljava/lang/String;)Ljava/lang/ProcessBuilder;
java/lang/ProcessBuilder directory()Ljava/io/File;
java/lang/ProcessBuilder directory(Ljava/io/File;)Ljava/lang/ProcessBuilder;
java/lang/ProcessBuilder redirectErrorStream()Z
java/lang/ProcessBuilder redirectErrorStream(Z)Ljava/lang/ProcessBuilder;
java/lang/ProcessBuilder start()Ljava/lang/Process;
java/lang/ProcessBuilder <clinit>()V
class java/lang/ProcessEnvironment$1 java/lang/Object
class java/lang/ProcessEnvironment$CheckedEntry
 java/lang/Object
java/lang/ProcessEnvironment$CheckedEntry e
java/lang/ProcessEnvironment$CheckedEntry <init>(Ljava/util/Map$Entry;)V
java/lang/ProcessEnvironment$CheckedEntry getKey()Ljava/lang/String;
java/lang/ProcessEnvironment$CheckedEntry getValue()Ljava/lang/String;
java/lang/ProcessEnvironment$CheckedEntry setValue(Ljava/lang/String;)Ljava/lang/String;
java/lang/ProcessEnvironment$CheckedEntry toString()Ljava/lang/String;
java/lang/ProcessEnvironment$CheckedEntry equals(Ljava/lang/Object;)Z
java/lang/ProcessEnvironment$CheckedEntry hashCode()I
java/lang/ProcessEnvironment$CheckedEntry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/lang/ProcessEnvironment$CheckedEntry getValue()Ljava/lang/Object;
java/lang/ProcessEnvironment$CheckedEntry getKey()Ljava/lang/Object;
class java/lang/ProcessEnvironment$CheckedEntrySet$1 java/lang/Object
java/lang/ProcessEnvironment$CheckedEntrySet$1 i
java/lang/ProcessEnvironment$CheckedEntrySet$1 this$0
java/lang/ProcessEnvironment$CheckedEntrySet$1
 <init>(Ljava/lang/ProcessEnvironment$CheckedEntrySet;)V
java/lang/ProcessEnvironment$CheckedEntrySet$1 hasNext()Z
java/lang/ProcessEnvironment$CheckedEntrySet$1 next()Ljava/util/Map$Entry;
java/lang/ProcessEnvironment$CheckedEntrySet$1 remove()V
java/lang/ProcessEnvironment$CheckedEntrySet$1 next()Ljava/lang/Object;
class java/lang/ProcessEnvironment$CheckedEntrySet java/util/AbstractSet
java/lang/ProcessEnvironment$CheckedEntrySet s

java/lang/ProcessEnvironment$CheckedEntrySet <init>(Ljava/util/Set;)V
java/lang/ProcessEnvironment$CheckedEntrySet size()I
java/lang/ProcessEnvironment$CheckedEntrySet isEmpty()Z
java/lang/ProcessEnvironment$CheckedEntrySet clear()V
java/lang/ProcessEnvironment$CheckedEntrySet iterator()Ljava/util/Iterator;
java/lang/ProcessEnvironment$CheckedEntrySet checkedEntry(Ljava/lang/Object;)Ljava/util/Map$Entry;
java/lang/ProcessEnvironment$CheckedEntrySet contains(Ljava/lang/Object;)Z
java/lang/ProcessEnvironment$CheckedEntrySet remove(Ljava/lang/Object;)Z
java/lang/ProcessEnvironment$CheckedEntrySet
access$100(Ljava/lang/ProcessEnvironment$CheckedEntrySet;)Ljava/util/Set;
class java/lang/ProcessEnvironment$CheckedKeySet java/util/AbstractSet
java/lang/ProcessEnvironment$CheckedKeySet s
java/lang/ProcessEnvironment$CheckedKeySet <init>(Ljava/util/Set;)V
java/lang/ProcessEnvironment$CheckedKeySet size()I
java/lang/ProcessEnvironment$CheckedKeySet isEmpty()Z
java/lang/ProcessEnvironment$CheckedKeySet clear()V
java/lang/ProcessEnvironment$CheckedKeySet iterator()Ljava/util/Iterator;
java/lang/ProcessEnvironment$CheckedKeySet contains(Ljava/lang/Object;)Z
java/lang/ProcessEnvironment$CheckedKeySet remove(Ljava/lang/Object;)Z
class java/lang/ProcessEnvironment$CheckedValues java/util/AbstractCollection
java/lang/ProcessEnvironment$CheckedValues c
java/lang/ProcessEnvironment$CheckedValues <init>(Ljava/util/Collection;)V
java/lang/ProcessEnvironment$CheckedValues size()I
java/lang/ProcessEnvironment$CheckedValues isEmpty()Z
java/lang/ProcessEnvironment$CheckedValues
clear()V
java/lang/ProcessEnvironment$CheckedValues iterator()Ljava/util/Iterator;
java/lang/ProcessEnvironment$CheckedValues contains(Ljava/lang/Object;)Z
java/lang/ProcessEnvironment$CheckedValues remove(Ljava/lang/Object;)Z
class java/lang/ProcessEnvironment$EntryComparator java/lang/Object
java/lang/ProcessEnvironment$EntryComparator <init>()V
java/lang/ProcessEnvironment$EntryComparator compare(Ljava/util/Map$Entry;Ljava/util/Map$Entry;)I
java/lang/ProcessEnvironment$EntryComparator compare(Ljava/lang/Object;Ljava/lang/Object;)I
java/lang/ProcessEnvironment$EntryComparator <init>(Ljava/lang/ProcessEnvironment$1;)V
class java/lang/ProcessEnvironment$NameComparator java/lang/Object
java/lang/ProcessEnvironment$NameComparator <init>()V
java/lang/ProcessEnvironment$NameComparator compare(Ljava/lang/String;Ljava/lang/String;)I
java/lang/ProcessEnvironment$NameComparator compare(Ljava/lang/Object;Ljava/lang/Object;)I
java/lang/ProcessEnvironment$NameComparator
<init>(Ljava/lang/ProcessEnvironment$1;)V
class java/lang/ProcessEnvironment java/util/HashMap
java/lang/ProcessEnvironment MIN_NAME_LENGTH
java/lang/ProcessEnvironment nameComparator
java/lang/ProcessEnvironment entryComparator
java/lang/ProcessEnvironment theEnvironment
java/lang/ProcessEnvironment theUnmodifiableEnvironment
java/lang/ProcessEnvironment theCaseInsensitiveEnvironment
java/lang/ProcessEnvironment validateName(Ljava/lang/String;)Ljava/lang/String;

java/lang/ProcessEnvironment validateValue(Ljava/lang/String;)Ljava/lang/String;
java/lang/ProcessEnvironment nonNullString(Ljava/lang/Object;)Ljava/lang/String;
java/lang/ProcessEnvironment put(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/lang/ProcessEnvironment get(Ljava/lang/Object;)Ljava/lang/String;
java/lang/ProcessEnvironment containsKey(Ljava/lang/Object;)Z
java/lang/ProcessEnvironment containsValue(Ljava/lang/Object;)Z
java/lang/ProcessEnvironment remove(Ljava/lang/Object;)Ljava/lang/String;
java/lang/ProcessEnvironment
keySet()Ljava/util/Set;
java/lang/ProcessEnvironment values()Ljava/util/Collection;
java/lang/ProcessEnvironment entrySet()Ljava/util/Set;
java/lang/ProcessEnvironment <init>()V
java/lang/ProcessEnvironment <init>(I)V
java/lang/ProcessEnvironment getenv(Ljava/lang/String;)Ljava/lang/String;
java/lang/ProcessEnvironment getenv()Ljava/util/Map;
java/lang/ProcessEnvironment environment()Ljava/util/Map;
java/lang/ProcessEnvironment emptyEnvironment(I)Ljava/util/Map;
java/lang/ProcessEnvironment environmentBlock()Ljava/lang/String;
java/lang/ProcessEnvironment toEnvironmentBlock()Ljava/lang/String;
java/lang/ProcessEnvironment toEnvironmentBlock(Ljava/util/Map;)Ljava/lang/String;
java/lang/ProcessEnvironment remove(Ljava/lang/Object;)Ljava/lang/Object;
java/lang/ProcessEnvironment put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/lang/ProcessEnvironment get(Ljava/lang/Object;)Ljava/lang/Object;
java/lang/ProcessEnvironment access$000(Ljava/lang/String;)Ljava/lang/String;
java/lang/ProcessEnvironment
access$200(Ljava/lang/Object;)Ljava/lang/String;
java/lang/ProcessEnvironment access$300()Ljava/lang/ProcessEnvironment$NameComparator;
java/lang/ProcessEnvironment <clinit>()V
class java/lang/ProcessImpl$1 java/lang/Object
java/lang/ProcessImpl$1 this$0
java/lang/ProcessImpl$1 <init>(Ljava/lang/ProcessImpl;)V
java/lang/ProcessImpl$1 run()Ljava/lang/Object;
class java/lang/ProcessImpl java/lang/Process
java/lang/ProcessImpl handle
java/lang/ProcessImpl stdin_fd
java/lang/ProcessImpl stdout_fd
java/lang/ProcessImpl stderr_fd
java/lang/ProcessImpl stdin_stream
java/lang/ProcessImpl stdout_stream
java/lang/ProcessImpl stderr_stream
java/lang/ProcessImpl start([Ljava/lang/String;Ljava/util/Map;Ljava/lang/String;Z)Ljava/lang/Process;
java/lang/ProcessImpl <init>([Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Z)V
java/lang/ProcessImpl getOutputStream()Ljava/io/OutputStream;
java/lang/ProcessImpl getInputStream()Ljava/io/InputStream;
java/lang/ProcessImpl
getErrorStream()Ljava/io/InputStream;
java/lang/ProcessImpl finalize()V
java/lang/ProcessImpl exitValue()I

java/lang/ProcessImpl waitFor()I
java/lang/ProcessImpl destroy()V
java/lang/ProcessImpl
create(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;ZLjava/io/FileDescriptor;Ljava/io/FileDescriptor;Ljava/io/FileDescriptor;)J
java/lang/ProcessImpl close()V
java/lang/ProcessImpl access$002(Ljava/lang/ProcessImpl;Ljava/io/OutputStream;)Ljava/io/OutputStream;
java/lang/ProcessImpl access$100(Ljava/lang/ProcessImpl;)Ljava/io/FileDescriptor;
java/lang/ProcessImpl access$202(Ljava/lang/ProcessImpl;Ljava/io/InputStream;)Ljava/io/InputStream;
java/lang/ProcessImpl access$300(Ljava/lang/ProcessImpl;)Ljava/io/FileDescriptor;
java/lang/ProcessImpl access$402(Ljava/lang/ProcessImpl;Ljava/io/InputStream;)Ljava/io/InputStream;
java/lang/ProcessImpl access$500(Ljava/lang/ProcessImpl;)Ljava/io/FileDescriptor;
class java/lang/SecurityManager$2 java/lang/Object
java/lang/SecurityManager$2
 this$0
java/lang/SecurityManager$2 <init>(Ljava/lang/SecurityManager;)V
java/lang/SecurityManager$2 run()Ljava/lang/Object;
class java/lang/Shutdown$1 java/lang/Object
class java/lang/String$1 java/lang/Object
class java/lang/StringCoding$1 java/lang/Object
class java/lang/StringCoding$ConverterSD java/lang/StringCoding$StringDecoder
java/lang/StringCoding$ConverterSD btc
java/lang/StringCoding$ConverterSD <init>(Lsun/io/ByteToCharConverter;Ljava/lang/String;)V
java/lang/StringCoding$ConverterSD charsetName()Ljava/lang/String;
java/lang/StringCoding$ConverterSD decode([BII)[C
java/lang/StringCoding$ConverterSD
<init>(Lsun/io/ByteToCharConverter;Ljava/lang/String;Ljava/lang/StringCoding$1;)V
class java/lang/StringCoding$ConverterSE java/lang/StringCoding$StringEncoder
java/lang/StringCoding$ConverterSE ctb
java/lang/StringCoding$ConverterSE <init>(Lsun/io/CharToByteConverter;Ljava/lang/String;)V
java/lang/StringCoding$ConverterSE charsetName()Ljava/lang/String;
java/lang/StringCoding$ConverterSE
 encode([CII)[B
java/lang/StringCoding$ConverterSE
<init>(Lsun/io/CharToByteConverter;Ljava/lang/String;Ljava/lang/StringCoding$1;)V
class java/lang/SuppressWarnings java/lang/Object
java/lang/SuppressWarnings value()[Ljava/lang/String;
class java/lang/ThreadLocal$1 java/lang/Object
class java/lang/TypeNotPresentException java/lang/RuntimeException
java/lang/TypeNotPresentException typeName
java/lang/TypeNotPresentException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/TypeNotPresentException typeName()Ljava/lang/String;
class java/lang/UnknownError java/lang/VirtualMachineError
java/lang/UnknownError <init>()V
java/lang/UnknownError <init>(Ljava/lang/String;)V
class java/lang/UnsupportedClassVersionError java/lang/ClassFormatError
java/lang/UnsupportedClassVersionError <init>()V
java/lang/UnsupportedClassVersionError <init>(Ljava/lang/String;)V

class java/lang/VerifyError java/lang/LinkageError
java/lang/VerifyError <init>()V
java/lang/VerifyError <init>(Ljava/lang/String;)V
class
java/lang/annotation/AnnotationFormatError java/lang/Error
java/lang/annotation/AnnotationFormatError <init>(Ljava/lang/String;)V
java/lang/annotation/AnnotationFormatError <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/annotation/AnnotationFormatError <init>(Ljava/lang/Throwable;)V
class java/lang/annotation/AnnotationTypeMismatchException java/lang/RuntimeException
java/lang/annotation/AnnotationTypeMismatchException element
java/lang/annotation/AnnotationTypeMismatchException foundType
java/lang/annotation/AnnotationTypeMismatchException <init>(Ljava/lang/reflect/Method;Ljava/lang/String;)V
java/lang/annotation/AnnotationTypeMismatchException element()Ljava/lang/reflect/Method;
java/lang/annotation/AnnotationTypeMismatchException foundType()Ljava/lang/String;
class java/lang/annotation/Documented java/lang/Object
class java/lang/annotation/ElementType java/lang/Enum
java/lang/annotation/ElementType TYPE
java/lang/annotation/ElementType FIELD
java/lang/annotation/ElementType
METHOD
java/lang/annotation/ElementType PARAMETER
java/lang/annotation/ElementType CONSTRUCTOR
java/lang/annotation/ElementType LOCAL_VARIABLE
java/lang/annotation/ElementType ANNOTATION_TYPE
java/lang/annotation/ElementType PACKAGE
java/lang/annotation/ElementType $VALUES
java/lang/annotation/ElementType values()[Ljava/lang/annotation/ElementType;
java/lang/annotation/ElementType valueOf(Ljava/lang/String;)Ljava/lang/annotation/ElementType;
java/lang/annotation/ElementType <init>(Ljava/lang/String;I)V
java/lang/annotation/ElementType <clinit>()V
class java/lang/annotation/IncompleteAnnotationException java/lang/RuntimeException
java/lang/annotation/IncompleteAnnotationException annotationType
java/lang/annotation/IncompleteAnnotationException elementName
java/lang/annotation/IncompleteAnnotationException <init>(Ljava/lang/Class;Ljava/lang/String;)V
java/lang/annotation/IncompleteAnnotationException annotationType()Ljava/lang/Class;
java/lang/annotation/IncompleteAnnotationException
elementName()Ljava/lang/String;
class java/lang/annotation/Inherited java/lang/Object
class java/lang/annotation/Retention java/lang/Object
java/lang/annotation/Retention value()Ljava/lang/annotation/RetentionPolicy;
class java/lang/annotation/RetentionPolicy java/lang/Enum
java/lang/annotation/RetentionPolicy SOURCE
java/lang/annotation/RetentionPolicy CLASS
java/lang/annotation/RetentionPolicy RUNTIME
java/lang/annotation/RetentionPolicy $VALUES
java/lang/annotation/RetentionPolicy values()[Ljava/lang/annotation/RetentionPolicy;
java/lang/annotation/RetentionPolicy valueOf(Ljava/lang/String;)Ljava/lang/annotation/RetentionPolicy;
java/lang/annotation/RetentionPolicy <init>(Ljava/lang/String;I)V

java/lang/annotation/RetentionPolicy <clinit>()V
class java/lang/annotation/Target java/lang/Object
java/lang/annotation/Target value()[Ljava/lang/annotation/ElementType;
class java/lang/instrument/ClassDefinition java/lang/Object
java/lang/instrument/ClassDefinition
 mClass
java/lang/instrument/ClassDefinition mClassFile
java/lang/instrument/ClassDefinition <init>(Ljava/lang/Class;[B)V
java/lang/instrument/ClassDefinition getDefinitionClass()Ljava/lang/Class;
java/lang/instrument/ClassDefinition getDefinitionClassFile()[B
class java/lang/instrument/ClassFileTransformer java/lang/Object
java/lang/instrument/ClassFileTransformer
transform(Ljava/lang/ClassLoader;Ljava/lang/String;Ljava/lang/Class;Ljava/security/ProtectionDomain;[B)[B
class java/lang/instrument/IllegalClassFormatException java/lang/Exception
java/lang/instrument/IllegalClassFormatException <init>()V
java/lang/instrument/IllegalClassFormatException <init>(Ljava/lang/String;)V
class java/lang/instrument/Instrumentation java/lang/Object
java/lang/instrument/Instrumentation addTransformer(Ljava/lang/instrument/ClassFileTransformer;)V
java/lang/instrument/Instrumentation removeTransformer(Ljava/lang/instrument/ClassFileTransformer;)Z
java/lang/instrument/Instrumentation isRedefineClassesSupported()Z
java/lang/instrument/Instrumentation
 redefineClasses([Ljava/lang/instrument/ClassDefinition;)V
java/lang/instrument/Instrumentation getAllLoadedClasses()[Ljava/lang/Class;
java/lang/instrument/Instrumentation getInitiatedClasses(Ljava/lang/ClassLoader;)[Ljava/lang/Class;
java/lang/instrument/Instrumentation getObjectSize(Ljava/lang/Object;)J
class java/lang/instrument/UnmodifiableClassException java/lang/Exception
java/lang/instrument/UnmodifiableClassException <init>()V
java/lang/instrument/UnmodifiableClassException <init>(Ljava/lang/String;)V
class java/lang/management/ClassLoadingMXBean java/lang/Object
java/lang/management/ClassLoadingMXBean getTotalLoadedClassCount()J
java/lang/management/ClassLoadingMXBean getLoadedClassCount()I
java/lang/management/ClassLoadingMXBean getUnloadedClassCount()J
java/lang/management/ClassLoadingMXBean isVerbose()Z
java/lang/management/ClassLoadingMXBean setVerbose(Z)V
class java/lang/management/CompilationMXBean java/lang/Object
java/lang/management/CompilationMXBean
 getName()Ljava/lang/String;
java/lang/management/CompilationMXBean isCompilationTimeMonitoringSupported()Z
java/lang/management/CompilationMXBean getTotalCompilationTime()J
class java/lang/management/GarbageCollectorMXBean java/lang/Object
java/lang/management/GarbageCollectorMXBean getCollectionCount()J
java/lang/management/GarbageCollectorMXBean getCollectionTime()J
class java/lang/management/ManagementFactory$1 java/lang/Object
java/lang/management/ManagementFactory$1 val$interfaceClass
java/lang/management/ManagementFactory$1 <init>(Ljava/lang/Class;)V
java/lang/management/ManagementFactory$1 run()Ljava/lang/Object;
class java/lang/management/ManagementFactory java/lang/Object
java/lang/management/ManagementFactory CLASS_LOADING_MXBEAN_NAME

java/lang/management/ManagementFactory COMPILATION_MXBEAN_NAME
java/lang/management/ManagementFactory MEMORY_MXBEAN_NAME
java/lang/management/ManagementFactory OPERATING_SYSTEM_MXBEAN_NAME
java/lang/management/ManagementFactory
RUNTIME_MXBEAN_NAME
java/lang/management/ManagementFactory THREAD_MXBEAN_NAME
java/lang/management/ManagementFactory GARBAGE_COLLECTOR_MXBEAN_DOMAIN_TYPE
java/lang/management/ManagementFactory MEMORY_MANAGER_MXBEAN_DOMAIN_TYPE
java/lang/management/ManagementFactory MEMORY_POOL_MXBEAN_DOMAIN_TYPE
java/lang/management/ManagementFactory platformMBeanServer
java/lang/management/ManagementFactory NOTIF_EMITTER
java/lang/management/ManagementFactory <init>()V
java/lang/management/ManagementFactory
getClassLoadingMXBean()Ljava/lang/management/ClassLoadingMXBean;
java/lang/management/ManagementFactory getMemoryMXBean()Ljava/lang/management/MemoryMXBean;
java/lang/management/ManagementFactory getThreadMXBean()Ljava/lang/management/ThreadMXBean;
java/lang/management/ManagementFactory getRuntimeMXBean()Ljava/lang/management/RuntimeMXBean;
java/lang/management/ManagementFactory
getCompilationMXBean()Ljava/lang/management/CompilationMXBean;
java/lang/management/ManagementFactory
getOperatingSystemMXBean()Ljava/lang/management/OperatingSystemMXBean;
java/lang/management/ManagementFactory getMemoryPoolMXBeans()Ljava/util/List;
java/lang/management/ManagementFactory getMemoryManagerMXBeans()Ljava/util/List;
java/lang/management/ManagementFactory getGarbageCollectorMXBeans()Ljava/util/List;
java/lang/management/ManagementFactory getPlatformMBeanServer()Ljavax/management/MBeanServer;
java/lang/management/ManagementFactory
newPlatformMXBeanProxy(Ljavax/management/MBeanServerConnection;Ljava/lang/String;Ljava/lang/Class;)Lja
va/lang/Object;
class java/lang/management/ManagementPermission java/security/BasicPermission
java/lang/management/ManagementPermission <init>(Ljava/lang/String;)V
java/lang/management/ManagementPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/lang/management/MemoryMXBean java/lang/Object
java/lang/management/MemoryMXBean getObjectPendingFinalizationCount()I
java/lang/management/MemoryMXBean getHeapMemoryUsage()Ljava/lang/management/MemoryUsage;
java/lang/management/MemoryMXBean
getNonHeapMemoryUsage()Ljava/lang/management/MemoryUsage;
java/lang/management/MemoryMXBean isVerbose()Z
java/lang/management/MemoryMXBean setVerbose(Z)V
java/lang/management/MemoryMXBean gc()V
class java/lang/management/MemoryManagerMXBean java/lang/Object
java/lang/management/MemoryManagerMXBean getName()Ljava/lang/String;
java/lang/management/MemoryManagerMXBean isValid()Z
java/lang/management/MemoryManagerMXBean getMemoryPoolNames()[Ljava/lang/String;
class java/lang/management/MemoryNotificationInfo java/lang/Object
java/lang/management/MemoryNotificationInfo poolName
java/lang/management/MemoryNotificationInfo usage
java/lang/management/MemoryNotificationInfo count
java/lang/management/MemoryNotificationInfo MEMORY_THRESHOLD_EXCEEDED

java/lang/management/MemoryNotificationInfo MEMORY_COLLECTION_THRESHOLD_EXCEEDED
java/lang/management/MemoryNotificationInfo
<init>(Ljava/lang/String;Ljava/lang/management/MemoryUsage;J)V
java/lang/management/MemoryNotificationInfo
<init>(Ljavax/management/openmbean/CompositeData;)V
java/lang/management/MemoryNotificationInfo getPoolName()Ljava/lang/String;
java/lang/management/MemoryNotificationInfo getUsage()Ljava/lang/management/MemoryUsage;
java/lang/management/MemoryNotificationInfo getCount()J
java/lang/management/MemoryNotificationInfo
from(Ljavax/management/openmbean/CompositeData;)Ljava/lang/management/MemoryNotificationInfo;
class java/lang/management/MemoryPoolMXBean java/lang/Object
java/lang/management/MemoryPoolMXBean getName()Ljava/lang/String;
java/lang/management/MemoryPoolMXBean getType()Ljava/lang/management/MemoryType;
java/lang/management/MemoryPoolMXBean getUsage()Ljava/lang/management/MemoryUsage;
java/lang/management/MemoryPoolMXBean getPeakUsage()Ljava/lang/management/MemoryUsage;
java/lang/management/MemoryPoolMXBean resetPeakUsage()V
java/lang/management/MemoryPoolMXBean isValid()Z
java/lang/management/MemoryPoolMXBean getMemoryManagerNames()[Ljava/lang/String;
java/lang/management/MemoryPoolMXBean
getUsageThreshold()J
java/lang/management/MemoryPoolMXBean setUsageThreshold(J)V
java/lang/management/MemoryPoolMXBean isUsageThresholdExceeded()Z
java/lang/management/MemoryPoolMXBean getUsageThresholdCount()J
java/lang/management/MemoryPoolMXBean isUsageThresholdSupported()Z
java/lang/management/MemoryPoolMXBean getCollectionUsageThreshold()J
java/lang/management/MemoryPoolMXBean setCollectionUsageThreshold(J)V
java/lang/management/MemoryPoolMXBean isCollectionUsageThresholdExceeded()Z
java/lang/management/MemoryPoolMXBean getCollectionUsageThresholdCount()J
java/lang/management/MemoryPoolMXBean getCollectionUsage()Ljava/lang/management/MemoryUsage;
java/lang/management/MemoryPoolMXBean isCollectionUsageThresholdSupported()Z
class java/lang/management/MemoryType java/lang/Enum
java/lang/management/MemoryType HEAP
java/lang/management/MemoryType NON_HEAP
java/lang/management/MemoryType description
java/lang/management/MemoryType serialVersionUID
java/lang/management/MemoryType
$VALUES
java/lang/management/MemoryType values()[Ljava/lang/management/MemoryType;
java/lang/management/MemoryType valueOf(Ljava/lang/String;)Ljava/lang/management/MemoryType;
java/lang/management/MemoryType <init>(Ljava/lang/String;ILjava/lang/String;)V
java/lang/management/MemoryType toString()Ljava/lang/String;
java/lang/management/MemoryType <clinit>()V
class java/lang/management/OperatingSystemMXBean java/lang/Object
java/lang/management/OperatingSystemMXBean getName()Ljava/lang/String;
java/lang/management/OperatingSystemMXBean getArch()Ljava/lang/String;
java/lang/management/OperatingSystemMXBean getVersion()Ljava/lang/String;
java/lang/management/OperatingSystemMXBean getAvailableProcessors()I
class java/lang/management/RuntimeMXBean java/lang/Object

java/lang/management/RuntimeMXBean getName()Ljava/lang/String;
java/lang/management/RuntimeMXBean getVmName()Ljava/lang/String;
java/lang/management/RuntimeMXBean getVmVendor()Ljava/lang/String;
java/lang/management/RuntimeMXBean
getVmVersion()Ljava/lang/String;
java/lang/management/RuntimeMXBean getSpecName()Ljava/lang/String;
java/lang/management/RuntimeMXBean getSpecVendor()Ljava/lang/String;
java/lang/management/RuntimeMXBean getSpecVersion()Ljava/lang/String;
java/lang/management/RuntimeMXBean getManagementSpecVersion()Ljava/lang/String;
java/lang/management/RuntimeMXBean getClassPath()Ljava/lang/String;
java/lang/management/RuntimeMXBean getLibraryPath()Ljava/lang/String;
java/lang/management/RuntimeMXBean isBootClassPathSupported()Z
java/lang/management/RuntimeMXBean getBootClassPath()Ljava/lang/String;
java/lang/management/RuntimeMXBean getInputArguments()Ljava/util/List;
java/lang/management/RuntimeMXBean getUptime()J
java/lang/management/RuntimeMXBean getStartTime()J
java/lang/management/RuntimeMXBean getSystemProperties()Ljava/util/Map;
class java/lang/management/ThreadInfo java/lang/Object
java/lang/management/ThreadInfo threadName
java/lang/management/ThreadInfo
threadId
java/lang/management/ThreadInfo blockedTime
java/lang/management/ThreadInfo blockedCount
java/lang/management/ThreadInfo waitedTime
java/lang/management/ThreadInfo waitedCount
java/lang/management/ThreadInfo lockName
java/lang/management/ThreadInfo lockOwnerId
java/lang/management/ThreadInfo lockOwnerName
java/lang/management/ThreadInfo inNative
java/lang/management/ThreadInfo suspended
java/lang/management/ThreadInfo threadState
java/lang/management/ThreadInfo stackTrace
java/lang/management/ThreadInfo NO_STACK_TRACE
java/lang/management/ThreadInfo
<init>(Ljava/lang/Thread;ILjava/lang/Object;Ljava/lang/Thread;JJJJ[Ljava/lang/StackTraceElement;)V
java/lang/management/ThreadInfo <init>(Ljavax/management/openmbean/CompositeData;)V
java/lang/management/ThreadInfo getThreadId()J
java/lang/management/ThreadInfo getThreadName()Ljava/lang/String;
java/lang/management/ThreadInfo getThreadState()Ljava/lang/Thread$State;
java/lang/management/ThreadInfo getBlockedTime()J
java/lang/management/ThreadInfo
getBlockedCount()J
java/lang/management/ThreadInfo getWaitedTime()J
java/lang/management/ThreadInfo getWaitedCount()J
java/lang/management/ThreadInfo getLockName()Ljava/lang/String;
java/lang/management/ThreadInfo getLockOwnerId()J
java/lang/management/ThreadInfo getLockOwnerName()Ljava/lang/String;
java/lang/management/ThreadInfo getStackTrace()[Ljava/lang/StackTraceElement;

java/lang/management/ThreadInfo isSuspended()Z
java/lang/management/ThreadInfo isInNative()Z
java/lang/management/ThreadInfo toString()Ljava/lang/String;
java/lang/management/ThreadInfo
from(Ljavax/management/openmbean/CompositeData;)Ljava/lang/management/ThreadInfo;
java/lang/management/ThreadInfo <clinit>()V
class java/lang/management/ThreadMXBean java/lang/Object
java/lang/management/ThreadMXBean getThreadCount()I
java/lang/management/ThreadMXBean getPeakThreadCount()I
java/lang/management/ThreadMXBean getTotalStartedThreadCount()J
java/lang/management/ThreadMXBean getDaemonThreadCount()I
java/lang/management/ThreadMXBean
getAllThreadIds()[J
java/lang/management/ThreadMXBean getThreadInfo(J)Ljava/lang/management/ThreadInfo;
java/lang/management/ThreadMXBean getThreadInfo([J)[Ljava/lang/management/ThreadInfo;
java/lang/management/ThreadMXBean getThreadInfo(JI)Ljava/lang/management/ThreadInfo;
java/lang/management/ThreadMXBean getThreadInfo([JI)[Ljava/lang/management/ThreadInfo;
java/lang/management/ThreadMXBean isThreadContentionMonitoringSupported()Z
java/lang/management/ThreadMXBean isThreadContentionMonitoringEnabled()Z
java/lang/management/ThreadMXBean setThreadContentionMonitoringEnabled(Z)V
java/lang/management/ThreadMXBean getCurrentThreadCpuTime()J
java/lang/management/ThreadMXBean getCurrentThreadUserTime()J
java/lang/management/ThreadMXBean getThreadCpuTime(J)J
java/lang/management/ThreadMXBean getThreadUserTime(J)J
java/lang/management/ThreadMXBean isThreadCpuTimeSupported()Z
java/lang/management/ThreadMXBean isCurrentThreadCpuTimeSupported()Z
java/lang/management/ThreadMXBean
isThreadCpuTimeEnabled()Z
java/lang/management/ThreadMXBean setThreadCpuTimeEnabled(Z)V
java/lang/management/ThreadMXBean findMonitorDeadlockedThreads()[J
java/lang/management/ThreadMXBean resetPeakThreadCount()V
class java/lang/ref/Finalizer$1 java/lang/Object
java/lang/ref/Finalizer$1 val$proc
java/lang/ref/Finalizer$1 <init>(Ljava/lang/Runnable;)V
java/lang/ref/Finalizer$1 run()Ljava/lang/Object;
class java/lang/ref/Finalizer$2 java/lang/Object
java/lang/ref/Finalizer$2 <init>()V
java/lang/ref/Finalizer$2 run()V
class java/lang/ref/Finalizer$3 java/lang/Object
java/lang/ref/Finalizer$3 <init>()V
java/lang/ref/Finalizer$3 run()V
class java/lang/ref/Reference$1 java/lang/Object
class java/lang/ref/ReferenceQueue$1 java/lang/Object
class java/lang/reflect/GenericArrayType java/lang/Object
java/lang/reflect/GenericArrayType getGenericComponentType()Ljava/lang/reflect/Type;
class java/lang/reflect/GenericSignatureFormatError java/lang/ClassFormatError
java/lang/reflect/GenericSignatureFormatError

<init>()V
class java/lang/reflect/MalformedParameterizedTypeException java/lang/RuntimeException
java/lang/reflect/MalformedParameterizedTypeException <init>()V
class java/lang/reflect/ParameterizedType java/lang/Object
java/lang/reflect/ParameterizedType getActualTypeArguments()[Ljava/lang/reflect/Type;
java/lang/reflect/ParameterizedType getRawType()Ljava/lang/reflect/Type;
java/lang/reflect/ParameterizedType getOwnerType()Ljava/lang/reflect/Type;
class java/lang/reflect/TypeVariable java/lang/Object
java/lang/reflect/TypeVariable getBounds()[Ljava/lang/reflect/Type;
java/lang/reflect/TypeVariable getGenericDeclaration()Ljava/lang/reflect/GenericDeclaration;
java/lang/reflect/TypeVariable getName()Ljava/lang/String;
class java/lang/reflect/WildcardType java/lang/Object
java/lang/reflect/WildcardType getUpperBounds()[Ljava/lang/reflect/Type;
java/lang/reflect/WildcardType getLowerBounds()[Ljava/lang/reflect/Type;
class java/math/BigDecimal java/lang/Number
java/math/BigDecimal
intVal
java/math/BigDecimal scale
java/math/BigDecimal precision
java/math/BigDecimal stringCache
java/math/BigDecimal INFLATED
java/math/BigDecimal intCompact
java/math/BigDecimal MAX_COMPACT_DIGITS
java/math/BigDecimal MAX_BIGINT_BITS
java/math/BigDecimal serialVersionUID
java/math/BigDecimal zeroThroughTen
java/math/BigDecimal ZERO
java/math/BigDecimal ONE
java/math/BigDecimal TEN
java/math/BigDecimal ROUND_UP
java/math/BigDecimal ROUND_DOWN
java/math/BigDecimal ROUND_CEILING
java/math/BigDecimal ROUND_FLOOR
java/math/BigDecimal ROUND_HALF_UP
java/math/BigDecimal ROUND_HALF_DOWN
java/math/BigDecimal ROUND_HALF_EVEN
java/math/BigDecimal ROUND_UNNECESSARY
java/math/BigDecimal LONGMIN
java/math/BigDecimal LONGMAX
java/math/BigDecimal TENPOWERS
java/math/BigDecimal thresholds
java/math/BigDecimal ilogTable
java/math/BigDecimal $assertionsDisabled
java/math/BigDecimal <init>([CII)V
java/math/BigDecimal <init>([CIILjava/math/MathContext;)V
java/math/BigDecimal <init>([C)V
java/math/BigDecimal

<init>([CLjava/math/MathContext;)V
java/math/BigDecimal <init>(Ljava/lang/String;)V
java/math/BigDecimal <init>(Ljava/lang/String;Ljava/math/MathContext;)V
java/math/BigDecimal <init>(D)V
java/math/BigDecimal <init>(DLjava/math/MathContext;)V
java/math/BigDecimal <init>(Ljava/math/BigInteger;)V
java/math/BigDecimal <init>(Ljava/math/BigInteger;Ljava/math/MathContext;)V
java/math/BigDecimal <init>(Ljava/math/BigInteger;I)V
java/math/BigDecimal <init>(Ljava/math/BigInteger;ILjava/math/MathContext;)V
java/math/BigDecimal <init>(I)V
java/math/BigDecimal <init>(ILjava/math/MathContext;)V
java/math/BigDecimal <init>(J)V
java/math/BigDecimal <init>(JLjava/math/MathContext;)V
java/math/BigDecimal <init>(JI)V
java/math/BigDecimal <init>(Ljava/math/BigInteger;JI)V
java/math/BigDecimal valueOf(JI)Ljava/math/BigDecimal;
java/math/BigDecimal valueOf(J)Ljava/math/BigDecimal;
java/math/BigDecimal valueOf(D)Ljava/math/BigDecimal;
java/math/BigDecimal add(Ljava/math/BigDecimal;)Ljava/math/BigDecimal;
java/math/BigDecimal
add(Ljava/math/BigDecimal;Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal
preAlign(Ljava/math/BigDecimal;Ljava/math/BigDecimal;JLjava/math/MathContext;)[Ljava/math/BigDecimal;
java/math/BigDecimal subtract(Ljava/math/BigDecimal;)Ljava/math/BigDecimal;
java/math/BigDecimal subtract(Ljava/math/BigDecimal;Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal multiply(Ljava/math/BigDecimal;)Ljava/math/BigDecimal;
java/math/BigDecimal multiply(Ljava/math/BigDecimal;Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal divide(Ljava/math/BigDecimal;II)Ljava/math/BigDecimal;
java/math/BigDecimal divide(Ljava/math/BigDecimal;ILjava/math/RoundingMode;)Ljava/math/BigDecimal;
java/math/BigDecimal divide(Ljava/math/BigDecimal;I)Ljava/math/BigDecimal;
java/math/BigDecimal divide(Ljava/math/BigDecimal;Ljava/math/RoundingMode;)Ljava/math/BigDecimal;
java/math/BigDecimal divide(Ljava/math/BigDecimal;)Ljava/math/BigDecimal;
java/math/BigDecimal
divide(Ljava/math/BigDecimal;Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal divideToIntegralValue(Ljava/math/BigDecimal;)Ljava/math/BigDecimal;
java/math/BigDecimal
divideToIntegralValue(Ljava/math/BigDecimal;Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal remainder(Ljava/math/BigDecimal;)Ljava/math/BigDecimal;
java/math/BigDecimal remainder(Ljava/math/BigDecimal;Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal divideAndRemainder(Ljava/math/BigDecimal;)[Ljava/math/BigDecimal;
java/math/BigDecimal
divideAndRemainder(Ljava/math/BigDecimal;Ljava/math/MathContext;)[Ljava/math/BigDecimal;
java/math/BigDecimal pow(I)Ljava/math/BigDecimal;
java/math/BigDecimal pow(ILjava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal abs()Ljava/math/BigDecimal;
java/math/BigDecimal abs(Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal negate()Ljava/math/BigDecimal;
java/math/BigDecimal

negate(Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal plus()Ljava/math/BigDecimal;
java/math/BigDecimal plus(Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal signum()I
java/math/BigDecimal scale()I
java/math/BigDecimal precision()I
java/math/BigDecimal unscaledValue()Ljava/math/BigInteger;
java/math/BigDecimal round(Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal setScale(ILjava/math/RoundingMode;)Ljava/math/BigDecimal;
java/math/BigDecimal setScale(II)Ljava/math/BigDecimal;
java/math/BigDecimal setScale(I)Ljava/math/BigDecimal;
java/math/BigDecimal movePointLeft(I)Ljava/math/BigDecimal;
java/math/BigDecimal movePointRight(I)Ljava/math/BigDecimal;
java/math/BigDecimal scaleByPowerOfTen(I)Ljava/math/BigDecimal;
java/math/BigDecimal stripTrailingZeros()Ljava/math/BigDecimal;
java/math/BigDecimal compareTo(Ljava/math/BigDecimal;)I
java/math/BigDecimal equals(Ljava/lang/Object;)Z
java/math/BigDecimal min(Ljava/math/BigDecimal;)Ljava/math/BigDecimal;
java/math/BigDecimal
max(Ljava/math/BigDecimal;)Ljava/math/BigDecimal;
java/math/BigDecimal hashCode()I
java/math/BigDecimal toString()Ljava/lang/String;
java/math/BigDecimal toEngineeringString()Ljava/lang/String;
java/math/BigDecimal toPlainString()Ljava/lang/String;
java/math/BigDecimal getValueString(ILjava/lang/String;I)Ljava/lang/String;
java/math/BigDecimal toBigInteger()Ljava/math/BigInteger;
java/math/BigDecimal toBigIntegerExact()Ljava/math/BigInteger;
java/math/BigDecimal longValue()J
java/math/BigDecimal longValueExact()J
java/math/BigDecimal intValue()I
java/math/BigDecimal intValueExact()I
java/math/BigDecimal shortValueExact()S
java/math/BigDecimal byteValueExact()B
java/math/BigDecimal floatValue()F
java/math/BigDecimal doubleValue()D
java/math/BigDecimal ulp()Ljava/math/BigDecimal;
java/math/BigDecimal layoutChars(Z)Ljava/lang/String;
java/math/BigDecimal tenToThe(I)Ljava/math/BigInteger;
java/math/BigDecimal longTenToThe(JI)J
java/math/BigDecimal
compactLong(J)Z
java/math/BigDecimal inflate()Ljava/math/BigDecimal;
java/math/BigDecimal matchScale([Ljava/math/BigDecimal;)V
java/math/BigDecimal readObject(Ljava/io/ObjectInputStream;)V
java/math/BigDecimal writeObject(Ljava/io/ObjectOutputStream;)V
java/math/BigDecimal digitLength()I
java/math/BigDecimal intLength(I)I
java/math/BigDecimal stripZerosToMatchScale(J)Ljava/math/BigDecimal;

java/math/BigDecimal checkScale(J)I
java/math/BigDecimal roundOp(Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal roundThis(Ljava/math/MathContext;)V
java/math/BigDecimal doRound(Ljava/math/MathContext;)Ljava/math/BigDecimal;
java/math/BigDecimal dropDigits(Ljava/math/MathContext;I)Ljava/math/BigDecimal;
java/math/BigDecimal longCompareTo(JJ)I
java/math/BigDecimal print(Ljava/lang/String;Ljava/math/BigDecimal;)V
java/math/BigDecimal audit()Ljava/math/BigDecimal;
java/math/BigDecimal compareTo(Ljava/lang/Object;)I
java/math/BigDecimal <clinit>()V
class java/math/BitSieve java/lang/Object
java/math/BitSieve
 bits
java/math/BitSieve length
java/math/BitSieve smallSieve
java/math/BitSieve <init>()V
java/math/BitSieve <init>(Ljava/math/BigInteger;I)V
java/math/BitSieve unitIndex(I)I
java/math/BitSieve bit(I)J
java/math/BitSieve get(I)Z
java/math/BitSieve set(I)V
java/math/BitSieve sieveSearch(II)I
java/math/BitSieve sieveSingle(III)V
java/math/BitSieve retrieve(Ljava/math/BigInteger;I)Ljava/math/BigInteger;
java/math/BitSieve <clinit>()V
class java/math/MathContext java/lang/Object
java/math/MathContext DEFAULT_DIGITS
java/math/MathContext DEFAULT_ROUNDINGMODE
java/math/MathContext MIN_DIGITS
java/math/MathContext serialVersionUID
java/math/MathContext UNLIMITED
java/math/MathContext DECIMAL32
java/math/MathContext DECIMAL64
java/math/MathContext DECIMAL128
java/math/MathContext precision
java/math/MathContext roundingMode
java/math/MathContext roundingMax
java/math/MathContext roundingMin
java/math/MathContext MAX_LOOKASIDE
java/math/MathContext <init>(I)V
java/math/MathContext
 <init>(ILjava/math/RoundingMode;)V
java/math/MathContext <init>(Ljava/lang/String;)V
java/math/MathContext getPrecision()I
java/math/MathContext getRoundingMode()Ljava/math/RoundingMode;
java/math/MathContext equals(Ljava/lang/Object;)Z
java/math/MathContext hashCode()I
java/math/MathContext toString()Ljava/lang/String;

java/math/MathContext readObject(Ljava/io/ObjectInputStream;)V
java/math/MathContext <clinit>()V
class java/math/RoundingMode java/lang/Enum
java/math/RoundingMode UP
java/math/RoundingMode DOWN
java/math/RoundingMode CEILING
java/math/RoundingMode FLOOR
java/math/RoundingMode HALF_UP
java/math/RoundingMode HALF_DOWN
java/math/RoundingMode HALF_EVEN
java/math/RoundingMode UNNECESSARY
java/math/RoundingMode oldMode
java/math/RoundingMode $VALUES
java/math/RoundingMode values()[Ljava/math/RoundingMode;
java/math/RoundingMode valueOf(Ljava/lang/String;)Ljava/math/RoundingMode;
java/math/RoundingMode <init>(Ljava/lang/String;II)V
java/math/RoundingMode valueOf(I)Ljava/math/RoundingMode;
java/math/RoundingMode
 <clinit>()V
class java/net/Authenticator$RequestorType java/lang/Enum
java/net/Authenticator$RequestorType PROXY
java/net/Authenticator$RequestorType SERVER
java/net/Authenticator$RequestorType $VALUES
java/net/Authenticator$RequestorType values()[Ljava/net/Authenticator$RequestorType;
java/net/Authenticator$RequestorType valueOf(Ljava/lang/String;)Ljava/net/Authenticator$RequestorType;
java/net/Authenticator$RequestorType <init>(Ljava/lang/String;I)V
java/net/Authenticator$RequestorType <clinit>()V
class java/net/CacheRequest java/lang/Object
java/net/CacheRequest <init>()V
java/net/CacheRequest getBody()Ljava/io/OutputStream;
java/net/CacheRequest abort()V
class java/net/CacheResponse java/lang/Object
java/net/CacheResponse <init>()V
java/net/CacheResponse getHeaders()Ljava/util/Map;
java/net/CacheResponse getBody()Ljava/io/InputStream;
class java/net/ContentHandlerFactory java/lang/Object
java/net/ContentHandlerFactory createContentHandler(Ljava/lang/String;)Ljava/net/ContentHandler;
class
 java/net/DatagramSocket$1 java/lang/Object
java/net/DatagramSocket$1 this$0
java/net/DatagramSocket$1 <init>(Ljava/net/DatagramSocket;)V
java/net/DatagramSocket$1 run()Ljava/lang/Object;
class java/net/DatagramSocketImplFactory java/lang/Object
java/net/DatagramSocketImplFactory createDatagramSocketImpl()Ljava/net/DatagramSocketImpl;
class java/net/FactoryURLClassLoader java/net/URLClassLoader
java/net/FactoryURLClassLoader <init>([Ljava/net/URL;Ljava/lang/ClassLoader;)V
java/net/FactoryURLClassLoader <init>([Ljava/net/URL;)V
java/net/FactoryURLClassLoader loadClass(Ljava/lang/String;Z)Ljava/lang/Class;

class java/net/HttpRetryException java/io/IOException
java/net/HttpRetryException responseCode
java/net/HttpRetryException location
java/net/HttpRetryException <init>(Ljava/lang/String;I)V
java/net/HttpRetryException <init>(Ljava/lang/String;ILjava/lang/String;)V
java/net/HttpRetryException responseCode()I
java/net/HttpRetryException
 getReason()Ljava/lang/String;
java/net/HttpRetryException getLocation()Ljava/lang/String;
class java/net/Inet6AddressImpl java/lang/Object
java/net/Inet6AddressImpl anyLocalAddress
java/net/Inet6AddressImpl loopbackAddress
java/net/Inet6AddressImpl <init>()V
java/net/Inet6AddressImpl getLocalHostName()Ljava/lang/String;
java/net/Inet6AddressImpl lookupAllHostAddr(Ljava/lang/String;)[[B
java/net/Inet6AddressImpl getHostByAddr([B)Ljava/lang/String;
java/net/Inet6AddressImpl isReachable0([BII[BII)Z
java/net/Inet6AddressImpl isReachable(Ljava/net/InetAddress;ILjava/net/NetworkInterface;I)Z
java/net/Inet6AddressImpl anyLocalAddress()Ljava/net/InetAddress;
java/net/Inet6AddressImpl loopbackAddress()Ljava/net/InetAddress;
class java/net/InetAddress$2 java/lang/Object
java/net/InetAddress$2 val$providerName
java/net/InetAddress$2 <init>(Ljava/lang/String;)V
java/net/InetAddress$2 run()Ljava/lang/Object;
class java/net/InetAddressContainer java/lang/Object
java/net/InetAddressContainer addr
java/net/InetAddressContainer
 <init>()V
class java/net/NetworkInterface$1 java/lang/Object
java/net/NetworkInterface$1 i
java/net/NetworkInterface$1 val$netifs
java/net/NetworkInterface$1 <init>([Ljava/net/NetworkInterface;)V
java/net/NetworkInterface$1 nextElement()Ljava/net/NetworkInterface;
java/net/NetworkInterface$1 hasMoreElements()Z
java/net/NetworkInterface$1 nextElement()Ljava/lang/Object;
class java/net/NetworkInterface$1checkedAddresses java/lang/Object
java/net/NetworkInterface$1checkedAddresses i
java/net/NetworkInterface$1checkedAddresses count
java/net/NetworkInterface$1checkedAddresses local_addrs
java/net/NetworkInterface$1checkedAddresses this$0
java/net/NetworkInterface$1checkedAddresses <init>(Ljava/net/NetworkInterface;)V
java/net/NetworkInterface$1checkedAddresses nextElement()Ljava/net/InetAddress;
java/net/NetworkInterface$1checkedAddresses hasMoreElements()Z
java/net/NetworkInterface$1checkedAddresses nextElement()Ljava/lang/Object;
class java/net/NetworkInterface
 java/lang/Object
java/net/NetworkInterface name
java/net/NetworkInterface displayName

java/net/NetworkInterface index
java/net/NetworkInterface addrs
java/net/NetworkInterface <init>()V
java/net/NetworkInterface <init>(Ljava/lang/String;I[Ljava/net/InetAddress;)V
java/net/NetworkInterface getName()Ljava/lang/String;
java/net/NetworkInterface getInetAddresses()Ljava/util/Enumeration;
java/net/NetworkInterface getIndex()I
java/net/NetworkInterface getDisplayName()Ljava/lang/String;
java/net/NetworkInterface getByName(Ljava/lang/String;)Ljava/net/NetworkInterface;
java/net/NetworkInterface getByIndex(I)Ljava/net/NetworkInterface;
java/net/NetworkInterface getByInetAddress(Ljava/net/InetAddress;)Ljava/net/NetworkInterface;
java/net/NetworkInterface getNetworkInterfaces()Ljava/util/Enumeration;
java/net/NetworkInterface getAll()[Ljava/net/NetworkInterface;
java/net/NetworkInterface getByName0(Ljava/lang/String;)Ljava/net/NetworkInterface;
java/net/NetworkInterface getByInetAddress0(Ljava/net/InetAddress;)Ljava/net/NetworkInterface;
java/net/NetworkInterface
 equals(Ljava/lang/Object;)Z
java/net/NetworkInterface hashCode()I
java/net/NetworkInterface toString()Ljava/lang/String;
java/net/NetworkInterface init()V
java/net/NetworkInterface access$000(Ljava/net/NetworkInterface;)[Ljava/net/InetAddress;
java/net/NetworkInterface <clinit>()V
class java/net/PasswordAuthentication java/lang/Object
java/net/PasswordAuthentication userName
java/net/PasswordAuthentication password
java/net/PasswordAuthentication <init>(Ljava/lang/String;[C)V
java/net/PasswordAuthentication getUserName()Ljava/lang/String;
java/net/PasswordAuthentication getPassword()[C
class java/net/PortUnreachableException java/net/SocketException
java/net/PortUnreachableException <init>(Ljava/lang/String;)V
java/net/PortUnreachableException <init>()V
class java/net/ProtocolException java/io/IOException
java/net/ProtocolException <init>(Ljava/lang/String;)V
java/net/ProtocolException <init>()V
class java/net/SecureCacheResponse
 java/net/CacheResponse
java/net/SecureCacheResponse <init>()V
java/net/SecureCacheResponse getCipherSuite()Ljava/lang/String;
java/net/SecureCacheResponse getLocalCertificateChain()Ljava/util/List;
java/net/SecureCacheResponse getServerCertificateChain()Ljava/util/List;
java/net/SecureCacheResponse getPeerPrincipal()Ljava/security/Principal;
java/net/SecureCacheResponse getLocalPrincipal()Ljava/security/Principal;
class java/net/ServerSocket$1 java/lang/Object
java/net/ServerSocket$1 this$0
java/net/ServerSocket$1 <init>(Ljava/net/ServerSocket;)V
java/net/ServerSocket$1 run()Ljava/lang/Object;
class java/net/Socket$1 java/lang/Object
java/net/Socket$1 this$0

java/net/Socket$1 <init>(Ljava/net/Socket;)V
java/net/Socket$1 run()Ljava/lang/Boolean;
java/net/Socket$1 run()Ljava/lang/Object;
class java/net/Socket$2 java/lang/Object
java/net/Socket$2 this$0
java/net/Socket$2 <init>(Ljava/net/Socket;)V
java/net/Socket$2 run()Ljava/lang/Object;
class java/net/Socket$3 java/lang/Object
java/net/Socket$3
 this$0
java/net/Socket$3 <init>(Ljava/net/Socket;)V
java/net/Socket$3 run()Ljava/lang/Object;
class java/net/SocketInputStream java/io/FileInputStream
java/net/SocketInputStream eof
java/net/SocketInputStream impl
java/net/SocketInputStream temp
java/net/SocketInputStream socket
java/net/SocketInputStream closing
java/net/SocketInputStream <init>(Ljava/net/PlainSocketImpl;)V
java/net/SocketInputStream getChannel()Ljava/nio/channels/FileChannel;
java/net/SocketInputStream socketRead0(Ljava/io/FileDescriptor;[BIII)I
java/net/SocketInputStream read([B)I
java/net/SocketInputStream read([BII)I
java/net/SocketInputStream read()I
java/net/SocketInputStream skip(J)J
java/net/SocketInputStream available()I
java/net/SocketInputStream close()V
java/net/SocketInputStream setEOF(Z)V
java/net/SocketInputStream finalize()V
java/net/SocketInputStream init()V
java/net/SocketInputStream <clinit>()V
class java/net/SocketOutputStream java/io/FileOutputStream
java/net/SocketOutputStream
 impl
java/net/SocketOutputStream temp
java/net/SocketOutputStream socket
java/net/SocketOutputStream closing
java/net/SocketOutputStream <init>(Ljava/net/PlainSocketImpl;)V
java/net/SocketOutputStream getChannel()Ljava/nio/channels/FileChannel;
java/net/SocketOutputStream socketWrite0(Ljava/io/FileDescriptor;[BII)V
java/net/SocketOutputStream socketWrite([BII)V
java/net/SocketOutputStream write(I)V
java/net/SocketOutputStream write([B)V
java/net/SocketOutputStream write([BII)V
java/net/SocketOutputStream close()V
java/net/SocketOutputStream finalize()V
java/net/SocketOutputStream init()V
java/net/SocketOutputStream <clinit>()V

class java/net/SocksSocketImpl$1 java/lang/Object
java/net/SocksSocketImpl$1 val$host
java/net/SocksSocketImpl$1 val$port
java/net/SocksSocketImpl$1 val$timeout
java/net/SocksSocketImpl$1 this$0
java/net/SocksSocketImpl$1 <init>(Ljava/net/SocksSocketImpl;Ljava/lang/String;II)V
java/net/SocksSocketImpl$1 run()Ljava/lang/Object;
class java/net/SocksSocketImpl$2
 java/lang/Object
java/net/SocksSocketImpl$2 val$addr
java/net/SocksSocketImpl$2 this$0
java/net/SocksSocketImpl$2 <init>(Ljava/net/SocksSocketImpl;Ljava/net/InetAddress;)V
java/net/SocksSocketImpl$2 run()Ljava/lang/Object;
class java/net/SocksSocketImpl$3 java/lang/Object
java/net/SocksSocketImpl$3 val$prefs
java/net/SocksSocketImpl$3 this$0
java/net/SocksSocketImpl$3 <init>(Ljava/net/SocksSocketImpl;Ljava/util/prefs/Preferences;)V
java/net/SocksSocketImpl$3 run()Ljava/lang/Object;
class java/net/SocksSocketImpl$4 java/lang/Object
java/net/SocksSocketImpl$4 val$prefs
java/net/SocksSocketImpl$4 this$0
java/net/SocksSocketImpl$4 <init>(Ljava/net/SocksSocketImpl;Ljava/util/prefs/Preferences;)V
java/net/SocksSocketImpl$4 run()Ljava/lang/Object;
class java/net/SocksSocketImpl$6 java/lang/Object
java/net/SocksSocketImpl$6 this$0
java/net/SocksSocketImpl$6 <init>(Ljava/net/SocksSocketImpl;)V
java/net/SocksSocketImpl$6 run()Ljava/lang/Object;
class java/net/SocksSocketImpl$7 java/lang/Object
java/net/SocksSocketImpl$7
 this$0
java/net/SocksSocketImpl$7 <init>(Ljava/net/SocksSocketImpl;)V
java/net/SocksSocketImpl$7 run()Ljava/lang/Object;
class java/net/SocksSocketImpl$8 java/lang/Object
java/net/SocksSocketImpl$8 this$0
java/net/SocksSocketImpl$8 <init>(Ljava/net/SocksSocketImpl;)V
java/net/SocksSocketImpl$8 run()Ljava/lang/Object;
class java/net/URLClassLoader$4 java/lang/Object
java/net/URLClassLoader$4 val$sm
java/net/URLClassLoader$4 val$fp
java/net/URLClassLoader$4 this$0
java/net/URLClassLoader$4
<init>(Ljava/net/URLClassLoader;Ljava/lang/SecurityManager;Ljava/security/Permission;)V
java/net/URLClassLoader$4 run()Ljava/lang/Object;
class java/net/URLClassLoader$5 java/lang/Object
java/net/URLClassLoader$5 val$urls
java/net/URLClassLoader$5 val$parent
java/net/URLClassLoader$5 <init>([Ljava/net/URL;Ljava/lang/ClassLoader;)V
java/net/URLClassLoader$5 run()Ljava/lang/Object;

class java/net/URLClassLoader$6 java/lang/Object
java/net/URLClassLoader$6 val$urls
java/net/URLClassLoader$6
 <init>([Ljava/net/URL;)V
java/net/URLClassLoader$6 run()Ljava/lang/Object;
class java/net/URLDecoder java/lang/Object
java/net/URLDecoder dfltEncName
java/net/URLDecoder <init>()V
java/net/URLDecoder decode(Ljava/lang/String;)Ljava/lang/String;
java/net/URLDecoder decode(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/net/URLDecoder <clinit>()V
class java/net/URLEncoder java/lang/Object
java/net/URLEncoder dontNeedEncoding
java/net/URLEncoder caseDiff
java/net/URLEncoder dfltEncName
java/net/URLEncoder <init>()V
java/net/URLEncoder encode(Ljava/lang/String;)Ljava/lang/String;
java/net/URLEncoder encode(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/net/URLEncoder <clinit>()V
class java/nio/BufferOverflowException java/lang/RuntimeException
java/nio/BufferOverflowException <init>()V
class java/nio/BufferUnderflowException java/lang/RuntimeException
java/nio/BufferUnderflowException <init>()V
class java/nio/ByteBufferAsCharBufferL java/nio/CharBuffer
java/nio/ByteBufferAsCharBufferL
 bb
java/nio/ByteBufferAsCharBufferL offset
java/nio/ByteBufferAsCharBufferL $assertionsDisabled
java/nio/ByteBufferAsCharBufferL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsCharBufferL <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsCharBufferL slice()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferL duplicate()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferL asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferL ix(I)I
java/nio/ByteBufferAsCharBufferL get()C
java/nio/ByteBufferAsCharBufferL get(I)C
java/nio/ByteBufferAsCharBufferL put(C)Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferL put(IC)Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferL compact()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferL isDirect()Z
java/nio/ByteBufferAsCharBufferL isReadOnly()Z
java/nio/ByteBufferAsCharBufferL toString(II)Ljava/lang/String;
java/nio/ByteBufferAsCharBufferL subSequence(II)Ljava/lang/CharSequence;
java/nio/ByteBufferAsCharBufferL
 order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsCharBufferL <clinit>()V
class java/nio/ByteBufferAsCharBufferRB java/nio/ByteBufferAsCharBufferB
java/nio/ByteBufferAsCharBufferRB $assertionsDisabled

java/nio/ByteBufferAsCharBufferRB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsCharBufferRB <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsCharBufferRB slice()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRB duplicate()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRB asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRB put(C)Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRB put(IC)Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRB compact()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRB isDirect()Z
java/nio/ByteBufferAsCharBufferRB isReadOnly()Z
java/nio/ByteBufferAsCharBufferRB toString(II)Ljava/lang/String;
java/nio/ByteBufferAsCharBufferRB subSequence(II)Ljava/lang/CharSequence;
java/nio/ByteBufferAsCharBufferRB
order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsCharBufferRB <clinit>()V
class java/nio/ByteBufferAsCharBufferRL java/nio/ByteBufferAsCharBufferL
java/nio/ByteBufferAsCharBufferRL $assertionsDisabled
java/nio/ByteBufferAsCharBufferRL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsCharBufferRL <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsCharBufferRL slice()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRL duplicate()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRL asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRL put(C)Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRL put(IC)Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRL compact()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferRL isDirect()Z
java/nio/ByteBufferAsCharBufferRL isReadOnly()Z
java/nio/ByteBufferAsCharBufferRL toString(II)Ljava/lang/String;
java/nio/ByteBufferAsCharBufferRL subSequence(II)Ljava/lang/CharSequence;
java/nio/ByteBufferAsCharBufferRL
order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsCharBufferRL <clinit>()V
class java/nio/ByteBufferAsDoubleBufferB java/nio/DoubleBuffer
java/nio/ByteBufferAsDoubleBufferB bb
java/nio/ByteBufferAsDoubleBufferB offset
java/nio/ByteBufferAsDoubleBufferB $assertionsDisabled
java/nio/ByteBufferAsDoubleBufferB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsDoubleBufferB <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsDoubleBufferB slice()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferB duplicate()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferB asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferB ix(I)I
java/nio/ByteBufferAsDoubleBufferB get()D
java/nio/ByteBufferAsDoubleBufferB get(I)D
java/nio/ByteBufferAsDoubleBufferB put(D)Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferB put(ID)Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferB compact()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferB

isDirect()Z
java/nio/ByteBufferAsDoubleBufferB isReadOnly()Z
java/nio/ByteBufferAsDoubleBufferB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsDoubleBufferB <clinit>()V
class java/nio/ByteBufferAsDoubleBufferL java/nio/DoubleBuffer
java/nio/ByteBufferAsDoubleBufferL bb
java/nio/ByteBufferAsDoubleBufferL offset
java/nio/ByteBufferAsDoubleBufferL $assertionsDisabled
java/nio/ByteBufferAsDoubleBufferL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsDoubleBufferL <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsDoubleBufferL slice()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferL duplicate()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferL asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferL ix(I)I
java/nio/ByteBufferAsDoubleBufferL get()D
java/nio/ByteBufferAsDoubleBufferL get(I)D
java/nio/ByteBufferAsDoubleBufferL put(D)Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferL put(ID)Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferL
compact()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferL isDirect()Z
java/nio/ByteBufferAsDoubleBufferL isReadOnly()Z
java/nio/ByteBufferAsDoubleBufferL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsDoubleBufferL <clinit>()V
class java/nio/ByteBufferAsDoubleBufferRB java/nio/ByteBufferAsDoubleBufferB
java/nio/ByteBufferAsDoubleBufferRB $assertionsDisabled
java/nio/ByteBufferAsDoubleBufferRB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsDoubleBufferRB <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsDoubleBufferRB slice()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRB duplicate()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRB asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRB put(D)Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRB put(ID)Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRB compact()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRB isDirect()Z
java/nio/ByteBufferAsDoubleBufferRB
isReadOnly()Z
java/nio/ByteBufferAsDoubleBufferRB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsDoubleBufferRB <clinit>()V
class java/nio/ByteBufferAsDoubleBufferRL java/nio/ByteBufferAsDoubleBufferL
java/nio/ByteBufferAsDoubleBufferRL $assertionsDisabled
java/nio/ByteBufferAsDoubleBufferRL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsDoubleBufferRL <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsDoubleBufferRL slice()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRL duplicate()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRL asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRL put(D)Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRL put(ID)Ljava/nio/DoubleBuffer;

java/nio/ByteBufferAsDoubleBufferRL compact()Ljava/nio/DoubleBuffer;
java/nio/ByteBufferAsDoubleBufferRL isDirect()Z
java/nio/ByteBufferAsDoubleBufferRL isReadOnly()Z
java/nio/ByteBufferAsDoubleBufferRL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsDoubleBufferRL
<clinit>()V
class java/nio/ByteBufferAsFloatBufferB java/nio/FloatBuffer
java/nio/ByteBufferAsFloatBufferB bb
java/nio/ByteBufferAsFloatBufferB offset
java/nio/ByteBufferAsFloatBufferB $assertionsDisabled
java/nio/ByteBufferAsFloatBufferB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsFloatBufferB <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsFloatBufferB slice()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferB duplicate()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferB asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferB ix(I)I
java/nio/ByteBufferAsFloatBufferB get()F
java/nio/ByteBufferAsFloatBufferB get(I)F
java/nio/ByteBufferAsFloatBufferB put(F)Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferB put(IF)Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferB compact()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferB isDirect()Z
java/nio/ByteBufferAsFloatBufferB
isReadOnly()Z
java/nio/ByteBufferAsFloatBufferB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsFloatBufferB <clinit>()V
class java/nio/ByteBufferAsFloatBufferL java/nio/FloatBuffer
java/nio/ByteBufferAsFloatBufferL bb
java/nio/ByteBufferAsFloatBufferL offset
java/nio/ByteBufferAsFloatBufferL $assertionsDisabled
java/nio/ByteBufferAsFloatBufferL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsFloatBufferL <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsFloatBufferL slice()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferL duplicate()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferL asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferL ix(I)I
java/nio/ByteBufferAsFloatBufferL get()F
java/nio/ByteBufferAsFloatBufferL get(I)F
java/nio/ByteBufferAsFloatBufferL put(F)Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferL put(IF)Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferL compact()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferL
isDirect()Z
java/nio/ByteBufferAsFloatBufferL isReadOnly()Z
java/nio/ByteBufferAsFloatBufferL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsFloatBufferL <clinit>()V
class java/nio/ByteBufferAsFloatBufferRB java/nio/ByteBufferAsFloatBufferB
java/nio/ByteBufferAsFloatBufferRB $assertionsDisabled

java/nio/ByteBufferAsFloatBufferRB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsFloatBufferRB <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsFloatBufferRB slice()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRB duplicate()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRB asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRB put(F)Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRB put(IF)Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRB compact()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRB isDirect()Z
java/nio/ByteBufferAsFloatBufferRB isReadOnly()Z
java/nio/ByteBufferAsFloatBufferRB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsFloatBufferRB
 <clinit>()V
class java/nio/ByteBufferAsFloatBufferRL java/nio/ByteBufferAsFloatBufferL
java/nio/ByteBufferAsFloatBufferRL $assertionsDisabled
java/nio/ByteBufferAsFloatBufferRL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsFloatBufferRL <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsFloatBufferRL slice()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRL duplicate()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRL asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRL put(F)Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRL put(IF)Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRL compact()Ljava/nio/FloatBuffer;
java/nio/ByteBufferAsFloatBufferRL isDirect()Z
java/nio/ByteBufferAsFloatBufferRL isReadOnly()Z
java/nio/ByteBufferAsFloatBufferRL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsFloatBufferRL <clinit>()V
class java/nio/ByteBufferAsIntBufferL java/nio/IntBuffer
java/nio/ByteBufferAsIntBufferL
 bb
java/nio/ByteBufferAsIntBufferL offset
java/nio/ByteBufferAsIntBufferL $assertionsDisabled
java/nio/ByteBufferAsIntBufferL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsIntBufferL <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsIntBufferL slice()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferL duplicate()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferL asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferL ix(I)I
java/nio/ByteBufferAsIntBufferL get()I
java/nio/ByteBufferAsIntBufferL get(I)I
java/nio/ByteBufferAsIntBufferL put(I)Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferL put(II)Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferL compact()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferL isDirect()Z
java/nio/ByteBufferAsIntBufferL isReadOnly()Z
java/nio/ByteBufferAsIntBufferL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsIntBufferL <clinit>()V
class java/nio/ByteBufferAsIntBufferRB java/nio/ByteBufferAsIntBufferB

java/nio/ByteBufferAsIntBufferRB
 $assertionsDisabled
java/nio/ByteBufferAsIntBufferRB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsIntBufferRB <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsIntBufferRB slice()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRB duplicate()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRB asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRB put(I)Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRB put(II)Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRB compact()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRB isDirect()Z
java/nio/ByteBufferAsIntBufferRB isReadOnly()Z
java/nio/ByteBufferAsIntBufferRB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsIntBufferRB <clinit>()V
class java/nio/ByteBufferAsIntBufferRL java/nio/ByteBufferAsIntBufferL
java/nio/ByteBufferAsIntBufferRL $assertionsDisabled
java/nio/ByteBufferAsIntBufferRL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsIntBufferRL <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsIntBufferRL
 slice()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRL duplicate()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRL asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRL put(I)Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRL put(II)Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRL compact()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferRL isDirect()Z
java/nio/ByteBufferAsIntBufferRL isReadOnly()Z
java/nio/ByteBufferAsIntBufferRL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsIntBufferRL <clinit>()V
class java/nio/ByteBufferAsLongBufferB java/nio/LongBuffer
java/nio/ByteBufferAsLongBufferB bb
java/nio/ByteBufferAsLongBufferB offset
java/nio/ByteBufferAsLongBufferB $assertionsDisabled
java/nio/ByteBufferAsLongBufferB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsLongBufferB <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsLongBufferB slice()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferB
 duplicate()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferB asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferB ix(I)I
java/nio/ByteBufferAsLongBufferB get()J
java/nio/ByteBufferAsLongBufferB get(I)J
java/nio/ByteBufferAsLongBufferB put(J)Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferB put(IJ)Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferB compact()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferB isDirect()Z
java/nio/ByteBufferAsLongBufferB isReadOnly()Z
java/nio/ByteBufferAsLongBufferB order()Ljava/nio/ByteOrder;

java/nio/ByteBufferAsLongBufferB <clinit>()V
class java/nio/ByteBufferAsLongBufferL java/nio/LongBuffer
java/nio/ByteBufferAsLongBufferL bb
java/nio/ByteBufferAsLongBufferL offset
java/nio/ByteBufferAsLongBufferL $assertionsDisabled
java/nio/ByteBufferAsLongBufferL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsLongBufferL <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsLongBufferL slice()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferL
 duplicate()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferL asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferL ix(I)I
java/nio/ByteBufferAsLongBufferL get()J
java/nio/ByteBufferAsLongBufferL get(I)J
java/nio/ByteBufferAsLongBufferL put(J)Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferL put(IJ)Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferL compact()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferL isDirect()Z
java/nio/ByteBufferAsLongBufferL isReadOnly()Z
java/nio/ByteBufferAsLongBufferL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsLongBufferL <clinit>()V
class java/nio/ByteBufferAsLongBufferRB java/nio/ByteBufferAsLongBufferB
java/nio/ByteBufferAsLongBufferRB $assertionsDisabled
java/nio/ByteBufferAsLongBufferRB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsLongBufferRB <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsLongBufferRB slice()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRB
 duplicate()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRB asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRB put(J)Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRB put(IJ)Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRB compact()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRB isDirect()Z
java/nio/ByteBufferAsLongBufferRB isReadOnly()Z
java/nio/ByteBufferAsLongBufferRB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsLongBufferRB <clinit>()V
class java/nio/ByteBufferAsLongBufferRL java/nio/ByteBufferAsLongBufferL
java/nio/ByteBufferAsLongBufferRL $assertionsDisabled
java/nio/ByteBufferAsLongBufferRL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsLongBufferRL <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsLongBufferRL slice()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRL duplicate()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRL asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRL
 put(J)Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRL put(IJ)Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRL compact()Ljava/nio/LongBuffer;
java/nio/ByteBufferAsLongBufferRL isDirect()Z

java/nio/ByteBufferAsLongBufferRL isReadOnly()Z
java/nio/ByteBufferAsLongBufferRL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsLongBufferRL <clinit>()V
class java/nio/ByteBufferAsShortBufferL java/nio/ShortBuffer
java/nio/ByteBufferAsShortBufferL bb
java/nio/ByteBufferAsShortBufferL offset
java/nio/ByteBufferAsShortBufferL $assertionsDisabled
java/nio/ByteBufferAsShortBufferL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsShortBufferL <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsShortBufferL slice()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferL duplicate()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferL asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferL ix(I)I
java/nio/ByteBufferAsShortBufferL get()S
java/nio/ByteBufferAsShortBufferL
 get(I)S
java/nio/ByteBufferAsShortBufferL put(S)Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferL put(IS)Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferL compact()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferL isDirect()Z
java/nio/ByteBufferAsShortBufferL isReadOnly()Z
java/nio/ByteBufferAsShortBufferL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsShortBufferL <clinit>()V
class java/nio/ByteBufferAsShortBufferRB java/nio/ByteBufferAsShortBufferB
java/nio/ByteBufferAsShortBufferRB $assertionsDisabled
java/nio/ByteBufferAsShortBufferRB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsShortBufferRB <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsShortBufferRB slice()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRB duplicate()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRB asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRB put(S)Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRB
 put(IS)Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRB compact()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRB isDirect()Z
java/nio/ByteBufferAsShortBufferRB isReadOnly()Z
java/nio/ByteBufferAsShortBufferRB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsShortBufferRB <clinit>()V
class java/nio/ByteBufferAsShortBufferRL java/nio/ByteBufferAsShortBufferL
java/nio/ByteBufferAsShortBufferRL $assertionsDisabled
java/nio/ByteBufferAsShortBufferRL <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsShortBufferRL <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsShortBufferRL slice()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRL duplicate()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRL asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRL put(S)Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRL put(IS)Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferRL compact()Ljava/nio/ShortBuffer;

java/nio/ByteBufferAsShortBufferRL
 isDirect()Z
java/nio/ByteBufferAsShortBufferRL isReadOnly()Z
java/nio/ByteBufferAsShortBufferRL order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsShortBufferRL <clinit>()V
class java/nio/DirectByteBuffer$1 java/lang/Object
class java/nio/DirectByteBufferR java/nio/DirectByteBuffer
java/nio/DirectByteBufferR $assertionsDisabled
java/nio/DirectByteBufferR <init>(I)V
java/nio/DirectByteBufferR <init>(IJLjava/lang/Runnable;)V
java/nio/DirectByteBufferR <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectByteBufferR slice()Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR duplicate()Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR asReadOnlyBuffer()Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR put(B)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR put(IB)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR put(Ljava/nio/ByteBuffer;)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR put([BII)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR compact()Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR
 isDirect()Z
java/nio/DirectByteBufferR isReadOnly()Z
java/nio/DirectByteBufferR _get(I)B
java/nio/DirectByteBufferR _put(IB)V
java/nio/DirectByteBufferR putChar(JC)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putChar(C)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putChar(IC)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR asCharBuffer()Ljava/nio/CharBuffer;
java/nio/DirectByteBufferR putShort(JS)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putShort(S)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putShort(IS)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR asShortBuffer()Ljava/nio/ShortBuffer;
java/nio/DirectByteBufferR putInt(JI)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putInt(I)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putInt(II)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR asIntBuffer()Ljava/nio/IntBuffer;
java/nio/DirectByteBufferR putLong(JJ)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putLong(J)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR
 putLong(IJ)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR asLongBuffer()Ljava/nio/LongBuffer;
java/nio/DirectByteBufferR putFloat(JF)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putFloat(F)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putFloat(IF)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR asFloatBuffer()Ljava/nio/FloatBuffer;
java/nio/DirectByteBufferR putDouble(JD)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putDouble(D)Ljava/nio/ByteBuffer;
java/nio/DirectByteBufferR putDouble(ID)Ljava/nio/ByteBuffer;

java/nio/DirectByteBufferR asDoubleBuffer()Ljava/nio/DoubleBuffer;
java/nio/DirectByteBufferR <clinit>()V
class java/nio/DirectCharBufferRS java/nio/DirectCharBufferS
java/nio/DirectCharBufferRS $assertionsDisabled
java/nio/DirectCharBufferRS <init>(Lsun/nio/ch/DirectBuffer;IIII)V
java/nio/DirectCharBufferRS slice()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRS duplicate()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRS asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRS
 put(C)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRS put(IC)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRS put(Ljava/nio/CharBuffer;)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRS put([CII)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRS compact()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRS isDirect()Z
java/nio/DirectCharBufferRS isReadOnly()Z
java/nio/DirectCharBufferRS toString(II)Ljava/lang/String;
java/nio/DirectCharBufferRS subSequence(II)Ljava/lang/CharSequence;
java/nio/DirectCharBufferRS order()Ljava/nio/ByteOrder;
java/nio/DirectCharBufferRS <clinit>()V
class java/nio/DirectCharBufferRU java/nio/DirectCharBufferU
java/nio/DirectCharBufferRU $assertionsDisabled
java/nio/DirectCharBufferRU <init>(Lsun/nio/ch/DirectBuffer;IIII)V
java/nio/DirectCharBufferRU slice()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRU duplicate()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRU asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRU
 put(C)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRU put(IC)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRU put(Ljava/nio/CharBuffer;)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRU put([CII)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRU compact()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferRU isDirect()Z
java/nio/DirectCharBufferRU isReadOnly()Z
java/nio/DirectCharBufferRU toString(II)Ljava/lang/String;
java/nio/DirectCharBufferRU subSequence(II)Ljava/lang/CharSequence;
java/nio/DirectCharBufferRU order()Ljava/nio/ByteOrder;
java/nio/DirectCharBufferRU <clinit>()V
class java/nio/DirectCharBufferS java/nio/CharBuffer
java/nio/DirectCharBufferS unsafe
java/nio/DirectCharBufferS unaligned
java/nio/DirectCharBufferS viewedBuffer
java/nio/DirectCharBufferS $assertionsDisabled
java/nio/DirectCharBufferS viewedBuffer()Ljava/lang/Object;
java/nio/DirectCharBufferS cleaner()Lsun/misc/Cleaner;
java/nio/DirectCharBufferS <init>(Lsun/nio/ch/DirectBuffer;IIII)V
java/nio/DirectCharBufferS

slice()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS duplicate()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS address()J
java/nio/DirectCharBufferS ix(I)J
java/nio/DirectCharBufferS get()C
java/nio/DirectCharBufferS get(I)C
java/nio/DirectCharBufferS get([CII)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS put(C)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS put(IC)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS put(Ljava/nio/CharBuffer;)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS put([CII)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS compact()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferS isDirect()Z
java/nio/DirectCharBufferS isReadOnly()Z
java/nio/DirectCharBufferS toString(II)Ljava/lang/String;
java/nio/DirectCharBufferS subSequence(II)Ljava/lang/CharSequence;
java/nio/DirectCharBufferS order()Ljava/nio/ByteOrder;
java/nio/DirectCharBufferS <clinit>()V
class java/nio/DirectCharBufferU
java/nio/CharBuffer
java/nio/DirectCharBufferU unsafe
java/nio/DirectCharBufferU unaligned
java/nio/DirectCharBufferU viewedBuffer
java/nio/DirectCharBufferU $assertionsDisabled
java/nio/DirectCharBufferU viewedBuffer()Ljava/lang/Object;
java/nio/DirectCharBufferU cleaner()Lsun/misc/Cleaner;
java/nio/DirectCharBufferU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectCharBufferU slice()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU duplicate()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU address()J
java/nio/DirectCharBufferU ix(I)J
java/nio/DirectCharBufferU get()C
java/nio/DirectCharBufferU get(I)C
java/nio/DirectCharBufferU get([CII)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU put(C)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU put(IC)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU put(Ljava/nio/CharBuffer;)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU put([CII)Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU
compact()Ljava/nio/CharBuffer;
java/nio/DirectCharBufferU isDirect()Z
java/nio/DirectCharBufferU isReadOnly()Z
java/nio/DirectCharBufferU toString(II)Ljava/lang/String;
java/nio/DirectCharBufferU subSequence(II)Ljava/lang/CharSequence;
java/nio/DirectCharBufferU order()Ljava/nio/ByteOrder;
java/nio/DirectCharBufferU <clinit>()V

class java/nio/DirectDoubleBufferRS java/nio/DirectDoubleBufferS
java/nio/DirectDoubleBufferRS $assertionsDisabled
java/nio/DirectDoubleBufferRS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectDoubleBufferRS slice()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRS duplicate()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRS asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRS put(D)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRS put(ID)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRS put(Ljava/nio/DoubleBuffer;)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRS put([DII)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRS
compact()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRS isDirect()Z
java/nio/DirectDoubleBufferRS isReadOnly()Z
java/nio/DirectDoubleBufferRS order()Ljava/nio/ByteOrder;
java/nio/DirectDoubleBufferRS <clinit>()V
class java/nio/DirectDoubleBufferRU java/nio/DirectDoubleBufferU
java/nio/DirectDoubleBufferRU $assertionsDisabled
java/nio/DirectDoubleBufferRU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectDoubleBufferRU slice()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRU duplicate()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRU asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRU put(D)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRU put(ID)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRU put(Ljava/nio/DoubleBuffer;)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRU put([DII)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRU compact()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferRU
isDirect()Z
java/nio/DirectDoubleBufferRU isReadOnly()Z
java/nio/DirectDoubleBufferRU order()Ljava/nio/ByteOrder;
java/nio/DirectDoubleBufferRU <clinit>()V
class java/nio/DirectDoubleBufferS java/nio/DoubleBuffer
java/nio/DirectDoubleBufferS unsafe
java/nio/DirectDoubleBufferS unaligned
java/nio/DirectDoubleBufferS viewedBuffer
java/nio/DirectDoubleBufferS $assertionsDisabled
java/nio/DirectDoubleBufferS viewedBuffer()Ljava/lang/Object;
java/nio/DirectDoubleBufferS cleaner()Lsun/misc/Cleaner;
java/nio/DirectDoubleBufferS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectDoubleBufferS slice()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferS duplicate()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferS asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferS address()J
java/nio/DirectDoubleBufferS ix(I)J
java/nio/DirectDoubleBufferS get()D
java/nio/DirectDoubleBufferS get(I)D
java/nio/DirectDoubleBufferS get([DII)Ljava/nio/DoubleBuffer;

java/nio/DirectDoubleBufferS
 put(D)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferS put(ID)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferS put(Ljava/nio/DoubleBuffer;)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferS put([DII)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferS compact()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferS isDirect()Z
java/nio/DirectDoubleBufferS isReadOnly()Z
java/nio/DirectDoubleBufferS order()Ljava/nio/ByteOrder;
java/nio/DirectDoubleBufferS <clinit>()V
class java/nio/DirectDoubleBufferU java/nio/DoubleBuffer
java/nio/DirectDoubleBufferU unsafe
java/nio/DirectDoubleBufferU unaligned
java/nio/DirectDoubleBufferU viewedBuffer
java/nio/DirectDoubleBufferU $assertionsDisabled
java/nio/DirectDoubleBufferU viewedBuffer()Ljava/lang/Object;
java/nio/DirectDoubleBufferU cleaner()Lsun/misc/Cleaner;
java/nio/DirectDoubleBufferU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectDoubleBufferU slice()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU duplicate()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU
 asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU address()J
java/nio/DirectDoubleBufferU ix(I)J
java/nio/DirectDoubleBufferU get()D
java/nio/DirectDoubleBufferU get(I)D
java/nio/DirectDoubleBufferU get([DII)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU put(D)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU put(ID)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU put(Ljava/nio/DoubleBuffer;)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU put([DII)Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU compact()Ljava/nio/DoubleBuffer;
java/nio/DirectDoubleBufferU isDirect()Z
java/nio/DirectDoubleBufferU isReadOnly()Z
java/nio/DirectDoubleBufferU order()Ljava/nio/ByteOrder;
java/nio/DirectDoubleBufferU <clinit>()V
class java/nio/DirectFloatBufferRS java/nio/DirectFloatBufferS
java/nio/DirectFloatBufferRS $assertionsDisabled
java/nio/DirectFloatBufferRS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectFloatBufferRS
 slice()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRS duplicate()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRS asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRS put(F)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRS put(IF)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRS put(Ljava/nio/FloatBuffer;)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRS put([FII)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRS compact()Ljava/nio/FloatBuffer;

java/nio/DirectFloatBufferRS isDirect()Z
java/nio/DirectFloatBufferRS isReadOnly()Z
java/nio/DirectFloatBufferRS order()Ljava/nio/ByteOrder;
java/nio/DirectFloatBufferRS <clinit>()V
class java/nio/DirectFloatBufferRU java/nio/DirectFloatBufferU
java/nio/DirectFloatBufferRU $assertionsDisabled
java/nio/DirectFloatBufferRU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectFloatBufferRU slice()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRU duplicate()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRU
asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRU put(F)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRU put(IF)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRU put(Ljava/nio/FloatBuffer;)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRU put([FII)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRU compact()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferRU isDirect()Z
java/nio/DirectFloatBufferRU isReadOnly()Z
java/nio/DirectFloatBufferRU order()Ljava/nio/ByteOrder;
java/nio/DirectFloatBufferRU <clinit>()V
class java/nio/DirectFloatBufferS java/nio/FloatBuffer
java/nio/DirectFloatBufferS unsafe
java/nio/DirectFloatBufferS unaligned
java/nio/DirectFloatBufferS viewedBuffer
java/nio/DirectFloatBufferS $assertionsDisabled
java/nio/DirectFloatBufferS viewedBuffer()Ljava/lang/Object;
java/nio/DirectFloatBufferS cleaner()Lsun/misc/Cleaner;
java/nio/DirectFloatBufferS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectFloatBufferS slice()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS
duplicate()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS address()J
java/nio/DirectFloatBufferS ix(I)J
java/nio/DirectFloatBufferS get()F
java/nio/DirectFloatBufferS get(I)F
java/nio/DirectFloatBufferS get([FII)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS put(F)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS put(IF)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS put(Ljava/nio/FloatBuffer;)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS put([FII)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS compact()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferS isDirect()Z
java/nio/DirectFloatBufferS isReadOnly()Z
java/nio/DirectFloatBufferS order()Ljava/nio/ByteOrder;
java/nio/DirectFloatBufferS <clinit>()V
class java/nio/DirectFloatBufferU java/nio/FloatBuffer
java/nio/DirectFloatBufferU unsafe

java/nio/DirectFloatBufferU unaligned
java/nio/DirectFloatBufferU viewedBuffer
java/nio/DirectFloatBufferU
 $assertionsDisabled
java/nio/DirectFloatBufferU viewedBuffer()Ljava/lang/Object;
java/nio/DirectFloatBufferU cleaner()Lsun/misc/Cleaner;
java/nio/DirectFloatBufferU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectFloatBufferU slice()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU duplicate()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU address()J
java/nio/DirectFloatBufferU ix(I)J
java/nio/DirectFloatBufferU get()F
java/nio/DirectFloatBufferU get(I)F
java/nio/DirectFloatBufferU get([FII)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU put(F)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU put(IF)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU put(Ljava/nio/FloatBuffer;)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU put([FII)Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU compact()Ljava/nio/FloatBuffer;
java/nio/DirectFloatBufferU isDirect()Z
java/nio/DirectFloatBufferU
 isReadOnly()Z
java/nio/DirectFloatBufferU order()Ljava/nio/ByteOrder;
java/nio/DirectFloatBufferU <clinit>()V
class java/nio/DirectIntBufferRS java/nio/DirectIntBufferS
java/nio/DirectIntBufferRS $assertionsDisabled
java/nio/DirectIntBufferRS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectIntBufferRS slice()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRS duplicate()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRS asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRS put(I)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRS put(II)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRS put(Ljava/nio/IntBuffer;)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRS put([III)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRS compact()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRS isDirect()Z
java/nio/DirectIntBufferRS isReadOnly()Z
java/nio/DirectIntBufferRS order()Ljava/nio/ByteOrder;
java/nio/DirectIntBufferRS <clinit>()V
class java/nio/DirectIntBufferRU java/nio/DirectIntBufferU
java/nio/DirectIntBufferRU
 $assertionsDisabled
java/nio/DirectIntBufferRU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectIntBufferRU slice()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRU duplicate()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRU asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRU put(I)Ljava/nio/IntBuffer;

java/nio/DirectIntBufferRU put(II)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRU put(Ljava/nio/IntBuffer;)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRU put([III)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRU compact()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferRU isDirect()Z
java/nio/DirectIntBufferRU isReadOnly()Z
java/nio/DirectIntBufferRU order()Ljava/nio/ByteOrder;
java/nio/DirectIntBufferRU <clinit>()V
class java/nio/DirectIntBufferS java/nio/IntBuffer
java/nio/DirectIntBufferS unsafe
java/nio/DirectIntBufferS unaligned
java/nio/DirectIntBufferS viewedBuffer
java/nio/DirectIntBufferS $assertionsDisabled
java/nio/DirectIntBufferS
 viewedBuffer()Ljava/lang/Object;
java/nio/DirectIntBufferS cleaner()Lsun/misc/Cleaner;
java/nio/DirectIntBufferS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectIntBufferS slice()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS duplicate()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS address()J
java/nio/DirectIntBufferS ix(I)J
java/nio/DirectIntBufferS get()I
java/nio/DirectIntBufferS get(I)I
java/nio/DirectIntBufferS get([III)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS put(I)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS put(II)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS put(Ljava/nio/IntBuffer;)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS put([III)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS compact()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferS isDirect()Z
java/nio/DirectIntBufferS isReadOnly()Z
java/nio/DirectIntBufferS order()Ljava/nio/ByteOrder;
java/nio/DirectIntBufferS <clinit>()V
class java/nio/DirectIntBufferU
 java/nio/IntBuffer
java/nio/DirectIntBufferU unsafe
java/nio/DirectIntBufferU unaligned
java/nio/DirectIntBufferU viewedBuffer
java/nio/DirectIntBufferU $assertionsDisabled
java/nio/DirectIntBufferU viewedBuffer()Ljava/lang/Object;
java/nio/DirectIntBufferU cleaner()Lsun/misc/Cleaner;
java/nio/DirectIntBufferU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectIntBufferU slice()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU duplicate()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU address()J
java/nio/DirectIntBufferU ix(I)J

java/nio/DirectIntBufferU get()I
java/nio/DirectIntBufferU get(I)I
java/nio/DirectIntBufferU get([III)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU put(I)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU put(II)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU put(Ljava/nio/IntBuffer;)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU put([III)Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU
compact()Ljava/nio/IntBuffer;
java/nio/DirectIntBufferU isDirect()Z
java/nio/DirectIntBufferU isReadOnly()Z
java/nio/DirectIntBufferU order()Ljava/nio/ByteOrder;
java/nio/DirectIntBufferU <clinit>()V
class java/nio/DirectLongBufferRS java/nio/DirectLongBufferS
java/nio/DirectLongBufferRS $assertionsDisabled
java/nio/DirectLongBufferRS <init>(Lsun/nio/ch/DirectBuffer;IIII)V
java/nio/DirectLongBufferRS slice()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRS duplicate()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRS asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRS put(J)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRS put(IJ)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRS put(Ljava/nio/LongBuffer;)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRS put([JII)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRS compact()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRS isDirect()Z
java/nio/DirectLongBufferRS isReadOnly()Z
java/nio/DirectLongBufferRS order()Ljava/nio/ByteOrder;
java/nio/DirectLongBufferRS
<clinit>()V
class java/nio/DirectLongBufferRU java/nio/DirectLongBufferU
java/nio/DirectLongBufferRU $assertionsDisabled
java/nio/DirectLongBufferRU <init>(Lsun/nio/ch/DirectBuffer;IIII)V
java/nio/DirectLongBufferRU slice()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRU duplicate()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRU asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRU put(J)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRU put(IJ)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRU put(Ljava/nio/LongBuffer;)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRU put([JII)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRU compact()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferRU isDirect()Z
java/nio/DirectLongBufferRU isReadOnly()Z
java/nio/DirectLongBufferRU order()Ljava/nio/ByteOrder;
java/nio/DirectLongBufferRU <clinit>()V
class java/nio/DirectLongBufferS java/nio/LongBuffer
java/nio/DirectLongBufferS unsafe
java/nio/DirectLongBufferS

unaligned
java/nio/DirectLongBufferS viewedBuffer
java/nio/DirectLongBufferS $assertionsDisabled
java/nio/DirectLongBufferS viewedBuffer()Ljava/lang/Object;
java/nio/DirectLongBufferS cleaner()Lsun/misc/Cleaner;
java/nio/DirectLongBufferS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectLongBufferS slice()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS duplicate()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS address()J
java/nio/DirectLongBufferS ix(I)J
java/nio/DirectLongBufferS get()J
java/nio/DirectLongBufferS get(I)J
java/nio/DirectLongBufferS get([JII)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS put(J)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS put(IJ)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS put(Ljava/nio/LongBuffer;)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS put([JII)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS compact()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferS
isDirect()Z
java/nio/DirectLongBufferS isReadOnly()Z
java/nio/DirectLongBufferS order()Ljava/nio/ByteOrder;
java/nio/DirectLongBufferS <clinit>()V
class java/nio/DirectLongBufferU java/nio/LongBuffer
java/nio/DirectLongBufferU unsafe
java/nio/DirectLongBufferU unaligned
java/nio/DirectLongBufferU viewedBuffer
java/nio/DirectLongBufferU $assertionsDisabled
java/nio/DirectLongBufferU viewedBuffer()Ljava/lang/Object;
java/nio/DirectLongBufferU cleaner()Lsun/misc/Cleaner;
java/nio/DirectLongBufferU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectLongBufferU slice()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU duplicate()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU address()J
java/nio/DirectLongBufferU ix(I)J
java/nio/DirectLongBufferU get()J
java/nio/DirectLongBufferU get(I)J
java/nio/DirectLongBufferU get([JII)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU put(J)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU
put(IJ)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU put(Ljava/nio/LongBuffer;)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU put([JII)Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU compact()Ljava/nio/LongBuffer;
java/nio/DirectLongBufferU isDirect()Z
java/nio/DirectLongBufferU isReadOnly()Z

java/nio/DirectLongBufferU order()Ljava/nio/ByteOrder;
java/nio/DirectLongBufferU <clinit>()V
class java/nio/DirectShortBufferRS java/nio/DirectShortBufferS
java/nio/DirectShortBufferRS $assertionsDisabled
java/nio/DirectShortBufferRS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectShortBufferRS slice()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRS duplicate()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRS asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRS put(S)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRS put(IS)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRS put(Ljava/nio/ShortBuffer;)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRS put([SII)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRS
compact()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRS isDirect()Z
java/nio/DirectShortBufferRS isReadOnly()Z
java/nio/DirectShortBufferRS order()Ljava/nio/ByteOrder;
java/nio/DirectShortBufferRS <clinit>()V
class java/nio/DirectShortBufferRU java/nio/DirectShortBufferU
java/nio/DirectShortBufferRU $assertionsDisabled
java/nio/DirectShortBufferRU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectShortBufferRU slice()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRU duplicate()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRU asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRU put(S)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRU put(IS)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRU put(Ljava/nio/ShortBuffer;)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRU put([SII)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRU compact()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferRU isDirect()Z
java/nio/DirectShortBufferRU
isReadOnly()Z
java/nio/DirectShortBufferRU order()Ljava/nio/ByteOrder;
java/nio/DirectShortBufferRU <clinit>()V
class java/nio/DirectShortBufferS java/nio/ShortBuffer
java/nio/DirectShortBufferS unsafe
java/nio/DirectShortBufferS unaligned
java/nio/DirectShortBufferS viewedBuffer
java/nio/DirectShortBufferS $assertionsDisabled
java/nio/DirectShortBufferS viewedBuffer()Ljava/lang/Object;
java/nio/DirectShortBufferS cleaner()Lsun/misc/Cleaner;
java/nio/DirectShortBufferS <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectShortBufferS slice()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS duplicate()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS address()J
java/nio/DirectShortBufferS ix(I)J
java/nio/DirectShortBufferS get()S

java/nio/DirectShortBufferS get(I)S
java/nio/DirectShortBufferS get([SII)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS put(S)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS
 put(IS)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS put(Ljava/nio/ShortBuffer;)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS put([SII)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS compact()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferS isDirect()Z
java/nio/DirectShortBufferS isReadOnly()Z
java/nio/DirectShortBufferS order()Ljava/nio/ByteOrder;
java/nio/DirectShortBufferS <clinit>()V
class java/nio/DirectShortBufferU java/nio/ShortBuffer
java/nio/DirectShortBufferU unsafe
java/nio/DirectShortBufferU unaligned
java/nio/DirectShortBufferU viewedBuffer
java/nio/DirectShortBufferU $assertionsDisabled
java/nio/DirectShortBufferU viewedBuffer()Ljava/lang/Object;
java/nio/DirectShortBufferU cleaner()Lsun/misc/Cleaner;
java/nio/DirectShortBufferU <init>(Lsun/nio/ch/DirectBuffer;IIIII)V
java/nio/DirectShortBufferU slice()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU duplicate()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU
 address()J
java/nio/DirectShortBufferU ix(I)J
java/nio/DirectShortBufferU get()S
java/nio/DirectShortBufferU get(I)S
java/nio/DirectShortBufferU get([SII)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU put(S)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU put(IS)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU put(Ljava/nio/ShortBuffer;)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU put([SII)Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU compact()Ljava/nio/ShortBuffer;
java/nio/DirectShortBufferU isDirect()Z
java/nio/DirectShortBufferU isReadOnly()Z
java/nio/DirectShortBufferU order()Ljava/nio/ByteOrder;
java/nio/DirectShortBufferU <clinit>()V
class java/nio/DoubleBuffer java/nio/Buffer
java/nio/DoubleBuffer hb
java/nio/DoubleBuffer offset
java/nio/DoubleBuffer isReadOnly
java/nio/DoubleBuffer <init>(IIII[DI)V
java/nio/DoubleBuffer <init>(IIII)V
java/nio/DoubleBuffer allocate(I)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer
 wrap([DII)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer wrap([D)Ljava/nio/DoubleBuffer;

java/nio/DoubleBuffer slice()Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer duplicate()Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer get()D
java/nio/DoubleBuffer put(D)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer get(I)D
java/nio/DoubleBuffer put(ID)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer get([DII)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer get([D)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer put(Ljava/nio/DoubleBuffer;)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer put([DII)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer put([D)Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer hasArray()Z
java/nio/DoubleBuffer array()[D
java/nio/DoubleBuffer arrayOffset()I
java/nio/DoubleBuffer compact()Ljava/nio/DoubleBuffer;
java/nio/DoubleBuffer isDirect()Z
java/nio/DoubleBuffer toString()Ljava/lang/String;
java/nio/DoubleBuffer hashCode()I
java/nio/DoubleBuffer
equals(Ljava/lang/Object;)Z
java/nio/DoubleBuffer compareTo(Ljava/nio/DoubleBuffer;)I
java/nio/DoubleBuffer order()Ljava/nio/ByteOrder;
java/nio/DoubleBuffer compareTo(Ljava/lang/Object;)I
class java/nio/FloatBuffer java/nio/Buffer
java/nio/FloatBuffer hb
java/nio/FloatBuffer offset
java/nio/FloatBuffer isReadOnly
java/nio/FloatBuffer <init>(IIII[FI)V
java/nio/FloatBuffer <init>(IIII)V
java/nio/FloatBuffer allocate(I)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer wrap([FII)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer wrap([F)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer slice()Ljava/nio/FloatBuffer;
java/nio/FloatBuffer duplicate()Ljava/nio/FloatBuffer;
java/nio/FloatBuffer asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/FloatBuffer get()F
java/nio/FloatBuffer put(F)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer get(I)F
java/nio/FloatBuffer put(IF)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer get([FII)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer get([F)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer
put(Ljava/nio/FloatBuffer;)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer put([FII)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer put([F)Ljava/nio/FloatBuffer;
java/nio/FloatBuffer hasArray()Z
java/nio/FloatBuffer array()[F

java/nio/FloatBuffer arrayOffset()I
java/nio/FloatBuffer compact()Ljava/nio/FloatBuffer;
java/nio/FloatBuffer isDirect()Z
java/nio/FloatBuffer toString()Ljava/lang/String;
java/nio/FloatBuffer hashCode()I
java/nio/FloatBuffer equals(Ljava/lang/Object;)Z
java/nio/FloatBuffer compareTo(Ljava/nio/FloatBuffer;)I
java/nio/FloatBuffer order()Ljava/nio/ByteOrder;
java/nio/FloatBuffer compareTo(Ljava/lang/Object;)I
class java/nio/HeapByteBufferR java/nio/HeapByteBuffer
java/nio/HeapByteBufferR <init>(II)V
java/nio/HeapByteBufferR <init>([BII)V
java/nio/HeapByteBufferR <init>([BIIII)V
java/nio/HeapByteBufferR slice()Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR duplicate()Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR asReadOnlyBuffer()Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR
 isReadOnly()Z
java/nio/HeapByteBufferR put(B)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR put(IB)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR put([BII)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR put(Ljava/nio/ByteBuffer;)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR compact()Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR _get(I)B
java/nio/HeapByteBufferR _put(IB)V
java/nio/HeapByteBufferR putChar(C)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR putChar(IC)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR asCharBuffer()Ljava/nio/CharBuffer;
java/nio/HeapByteBufferR putShort(S)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR putShort(IS)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR asShortBuffer()Ljava/nio/ShortBuffer;
java/nio/HeapByteBufferR putInt(I)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR putInt(II)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR asIntBuffer()Ljava/nio/IntBuffer;
java/nio/HeapByteBufferR putLong(J)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR
 putLong(IJ)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR asLongBuffer()Ljava/nio/LongBuffer;
java/nio/HeapByteBufferR putFloat(F)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR putFloat(IF)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR asFloatBuffer()Ljava/nio/FloatBuffer;
java/nio/HeapByteBufferR putDouble(D)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR putDouble(ID)Ljava/nio/ByteBuffer;
java/nio/HeapByteBufferR asDoubleBuffer()Ljava/nio/DoubleBuffer;
class java/nio/HeapCharBufferR java/nio/HeapCharBuffer
java/nio/HeapCharBufferR <init>(II)V
java/nio/HeapCharBufferR <init>([CII)V
java/nio/HeapCharBufferR <init>([CIIII)V

java/nio/HeapCharBufferR slice()Ljava/nio/CharBuffer;
java/nio/HeapCharBufferR duplicate()Ljava/nio/CharBuffer;
java/nio/HeapCharBufferR asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/HeapCharBufferR isReadOnly()Z
java/nio/HeapCharBufferR put(C)Ljava/nio/CharBuffer;
java/nio/HeapCharBufferR put(IC)Ljava/nio/CharBuffer;
java/nio/HeapCharBufferR put([CII)Ljava/nio/CharBuffer;
java/nio/HeapCharBufferR
put(Ljava/nio/CharBuffer;)Ljava/nio/CharBuffer;
java/nio/HeapCharBufferR compact()Ljava/nio/CharBuffer;
java/nio/HeapCharBufferR toString(II)Ljava/lang/String;
java/nio/HeapCharBufferR subSequence(II)Ljava/lang/CharSequence;
java/nio/HeapCharBufferR order()Ljava/nio/ByteOrder;
class java/nio/HeapDoubleBuffer java/nio/DoubleBuffer
java/nio/HeapDoubleBuffer <init>(II)V
java/nio/HeapDoubleBuffer <init>([DII)V
java/nio/HeapDoubleBuffer <init>([DIIII)V
java/nio/HeapDoubleBuffer slice()Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer duplicate()Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer ix(I)I
java/nio/HeapDoubleBuffer get()D
java/nio/HeapDoubleBuffer get(I)D
java/nio/HeapDoubleBuffer get([DII)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer isDirect()Z
java/nio/HeapDoubleBuffer isReadOnly()Z
java/nio/HeapDoubleBuffer put(D)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer
put(ID)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer put([DII)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer put(Ljava/nio/DoubleBuffer;)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer compact()Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBuffer order()Ljava/nio/ByteOrder;
class java/nio/HeapDoubleBufferR java/nio/HeapDoubleBuffer
java/nio/HeapDoubleBufferR <init>(II)V
java/nio/HeapDoubleBufferR <init>([DII)V
java/nio/HeapDoubleBufferR <init>([DIIII)V
java/nio/HeapDoubleBufferR slice()Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBufferR duplicate()Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBufferR asReadOnlyBuffer()Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBufferR isReadOnly()Z
java/nio/HeapDoubleBufferR put(D)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBufferR put(ID)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBufferR put([DII)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBufferR put(Ljava/nio/DoubleBuffer;)Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBufferR compact()Ljava/nio/DoubleBuffer;
java/nio/HeapDoubleBufferR

order()Ljava/nio/ByteOrder;
class java/nio/HeapFloatBuffer java/nio/FloatBuffer
java/nio/HeapFloatBuffer <init>(II)V
java/nio/HeapFloatBuffer <init>([FII)V
java/nio/HeapFloatBuffer <init>([FIIII)V
java/nio/HeapFloatBuffer slice()Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer duplicate()Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer ix(I)I
java/nio/HeapFloatBuffer get()F
java/nio/HeapFloatBuffer get(I)F
java/nio/HeapFloatBuffer get([FII)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer isDirect()Z
java/nio/HeapFloatBuffer isReadOnly()Z
java/nio/HeapFloatBuffer put(F)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer put(IF)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer put([FII)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer put(Ljava/nio/FloatBuffer;)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer compact()Ljava/nio/FloatBuffer;
java/nio/HeapFloatBuffer order()Ljava/nio/ByteOrder;
class
java/nio/HeapFloatBufferR java/nio/HeapFloatBuffer
java/nio/HeapFloatBufferR <init>(II)V
java/nio/HeapFloatBufferR <init>([FII)V
java/nio/HeapFloatBufferR <init>([FIIII)V
java/nio/HeapFloatBufferR slice()Ljava/nio/FloatBuffer;
java/nio/HeapFloatBufferR duplicate()Ljava/nio/FloatBuffer;
java/nio/HeapFloatBufferR asReadOnlyBuffer()Ljava/nio/FloatBuffer;
java/nio/HeapFloatBufferR isReadOnly()Z
java/nio/HeapFloatBufferR put(F)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBufferR put(IF)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBufferR put([FII)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBufferR put(Ljava/nio/FloatBuffer;)Ljava/nio/FloatBuffer;
java/nio/HeapFloatBufferR compact()Ljava/nio/FloatBuffer;
java/nio/HeapFloatBufferR order()Ljava/nio/ByteOrder;
class java/nio/HeapIntBuffer java/nio/IntBuffer
java/nio/HeapIntBuffer <init>(II)V
java/nio/HeapIntBuffer <init>([III)V
java/nio/HeapIntBuffer <init>([IIIII)V
java/nio/HeapIntBuffer slice()Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer duplicate()Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer
asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer ix(I)I
java/nio/HeapIntBuffer get()I
java/nio/HeapIntBuffer get(I)I
java/nio/HeapIntBuffer get([III)Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer isDirect()Z

java/nio/HeapIntBuffer isReadOnly()Z
java/nio/HeapIntBuffer put(I)Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer put(II)Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer put([III)Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer put(Ljava/nio/IntBuffer;)Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer compact()Ljava/nio/IntBuffer;
java/nio/HeapIntBuffer order()Ljava/nio/ByteOrder;
class java/nio/HeapIntBufferR java/nio/HeapIntBuffer
java/nio/HeapIntBufferR <init>(II)V
java/nio/HeapIntBufferR <init>([III)V
java/nio/HeapIntBufferR <init>([IIIIII)V
java/nio/HeapIntBufferR slice()Ljava/nio/IntBuffer;
java/nio/HeapIntBufferR duplicate()Ljava/nio/IntBuffer;
java/nio/HeapIntBufferR asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/HeapIntBufferR isReadOnly()Z
java/nio/HeapIntBufferR
 put(I)Ljava/nio/IntBuffer;
java/nio/HeapIntBufferR put(II)Ljava/nio/IntBuffer;
java/nio/HeapIntBufferR put([III)Ljava/nio/IntBuffer;
java/nio/HeapIntBufferR put(Ljava/nio/IntBuffer;)Ljava/nio/IntBuffer;
java/nio/HeapIntBufferR compact()Ljava/nio/IntBuffer;
java/nio/HeapIntBufferR order()Ljava/nio/ByteOrder;
class java/nio/HeapLongBuffer java/nio/LongBuffer
java/nio/HeapLongBuffer <init>(II)V
java/nio/HeapLongBuffer <init>([JII)V
java/nio/HeapLongBuffer <init>([JIIII)V
java/nio/HeapLongBuffer slice()Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer duplicate()Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer ix(I)I
java/nio/HeapLongBuffer get()J
java/nio/HeapLongBuffer get(I)J
java/nio/HeapLongBuffer get([JII)Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer isDirect()Z
java/nio/HeapLongBuffer isReadOnly()Z
java/nio/HeapLongBuffer put(J)Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer put(IJ)Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer
 put([JII)Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer put(Ljava/nio/LongBuffer;)Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer compact()Ljava/nio/LongBuffer;
java/nio/HeapLongBuffer order()Ljava/nio/ByteOrder;
class java/nio/HeapLongBufferR java/nio/HeapLongBuffer
java/nio/HeapLongBufferR <init>(II)V
java/nio/HeapLongBufferR <init>([JII)V
java/nio/HeapLongBufferR <init>([JIIII)V
java/nio/HeapLongBufferR slice()Ljava/nio/LongBuffer;
java/nio/HeapLongBufferR duplicate()Ljava/nio/LongBuffer;

java/nio/HeapLongBufferR asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/HeapLongBufferR isReadOnly()Z
java/nio/HeapLongBufferR put(J)Ljava/nio/LongBuffer;
java/nio/HeapLongBufferR put(IJ)Ljava/nio/LongBuffer;
java/nio/HeapLongBufferR put([JII)Ljava/nio/LongBuffer;
java/nio/HeapLongBufferR put(Ljava/nio/LongBuffer;)Ljava/nio/LongBuffer;
java/nio/HeapLongBufferR compact()Ljava/nio/LongBuffer;
java/nio/HeapLongBufferR order()Ljava/nio/ByteOrder;
class java/nio/HeapShortBuffer
 java/nio/ShortBuffer
java/nio/HeapShortBuffer <init>(II)V
java/nio/HeapShortBuffer <init>([SII)V
java/nio/HeapShortBuffer <init>([SIIII)V
java/nio/HeapShortBuffer slice()Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer duplicate()Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer ix(I)I
java/nio/HeapShortBuffer get()S
java/nio/HeapShortBuffer get(I)S
java/nio/HeapShortBuffer get([SII)Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer isDirect()Z
java/nio/HeapShortBuffer isReadOnly()Z
java/nio/HeapShortBuffer put(S)Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer put(IS)Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer put([SII)Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer put(Ljava/nio/ShortBuffer;)Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer compact()Ljava/nio/ShortBuffer;
java/nio/HeapShortBuffer order()Ljava/nio/ByteOrder;
class java/nio/HeapShortBufferR java/nio/HeapShortBuffer
java/nio/HeapShortBufferR <init>(II)V
java/nio/HeapShortBufferR
 <init>([SII)V
java/nio/HeapShortBufferR <init>([SIIII)V
java/nio/HeapShortBufferR slice()Ljava/nio/ShortBuffer;
java/nio/HeapShortBufferR duplicate()Ljava/nio/ShortBuffer;
java/nio/HeapShortBufferR asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/HeapShortBufferR isReadOnly()Z
java/nio/HeapShortBufferR put(S)Ljava/nio/ShortBuffer;
java/nio/HeapShortBufferR put(IS)Ljava/nio/ShortBuffer;
java/nio/HeapShortBufferR put([SII)Ljava/nio/ShortBuffer;
java/nio/HeapShortBufferR put(Ljava/nio/ShortBuffer;)Ljava/nio/ShortBuffer;
java/nio/HeapShortBufferR compact()Ljava/nio/ShortBuffer;
java/nio/HeapShortBufferR order()Ljava/nio/ByteOrder;
class java/nio/InvalidMarkException java/lang/IllegalStateException
java/nio/InvalidMarkException <init>()V
class java/nio/LongBuffer java/nio/Buffer
java/nio/LongBuffer hb
java/nio/LongBuffer offset

java/nio/LongBuffer isReadOnly
java/nio/LongBuffer <init>(IIII[JI)V
java/nio/LongBuffer <init>(IIII)V
java/nio/LongBuffer allocate(I)Ljava/nio/LongBuffer;
java/nio/LongBuffer
wrap([JII)Ljava/nio/LongBuffer;
java/nio/LongBuffer wrap([J)Ljava/nio/LongBuffer;
java/nio/LongBuffer slice()Ljava/nio/LongBuffer;
java/nio/LongBuffer duplicate()Ljava/nio/LongBuffer;
java/nio/LongBuffer asReadOnlyBuffer()Ljava/nio/LongBuffer;
java/nio/LongBuffer get()J
java/nio/LongBuffer put(J)Ljava/nio/LongBuffer;
java/nio/LongBuffer get(I)J
java/nio/LongBuffer put(IJ)Ljava/nio/LongBuffer;
java/nio/LongBuffer get([JII)Ljava/nio/LongBuffer;
java/nio/LongBuffer get([J)Ljava/nio/LongBuffer;
java/nio/LongBuffer put(Ljava/nio/LongBuffer;)Ljava/nio/LongBuffer;
java/nio/LongBuffer put([JII)Ljava/nio/LongBuffer;
java/nio/LongBuffer put([J)Ljava/nio/LongBuffer;
java/nio/LongBuffer hasArray()Z
java/nio/LongBuffer array()[J
java/nio/LongBuffer arrayOffset()I
java/nio/LongBuffer compact()Ljava/nio/LongBuffer;
java/nio/LongBuffer isDirect()Z
java/nio/LongBuffer toString()Ljava/lang/String;
java/nio/LongBuffer hashCode()I
java/nio/LongBuffer equals(Ljava/lang/Object;)Z
java/nio/LongBuffer
compareTo(Ljava/nio/LongBuffer;)I
java/nio/LongBuffer order()Ljava/nio/ByteOrder;
java/nio/LongBuffer compareTo(Ljava/lang/Object;)I
class java/nio/ReadOnlyBufferException java/lang/UnsupportedOperationException
java/nio/ReadOnlyBufferException <init>()V
class java/nio/StringCharBuffer java/nio/CharBuffer
java/nio/StringCharBuffer str
java/nio/StringCharBuffer <init>(Ljava/lang/CharSequence;II)V
java/nio/StringCharBuffer slice()Ljava/nio/CharBuffer;
java/nio/StringCharBuffer <init>(Ljava/lang/CharSequence;IIII)V
java/nio/StringCharBuffer duplicate()Ljava/nio/CharBuffer;
java/nio/StringCharBuffer asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/StringCharBuffer get()C
java/nio/StringCharBuffer get(I)C
java/nio/StringCharBuffer put(C)Ljava/nio/CharBuffer;
java/nio/StringCharBuffer put(IC)Ljava/nio/CharBuffer;
java/nio/StringCharBuffer compact()Ljava/nio/CharBuffer;
java/nio/StringCharBuffer isReadOnly()Z
java/nio/StringCharBuffer toString(II)Ljava/lang/String;
java/nio/StringCharBuffer

subSequence(II)Ljava/lang/CharSequence;
java/nio/StringCharBuffer isDirect()Z
java/nio/StringCharBuffer order()Ljava/nio/ByteOrder;
class java/nio/channels/AlreadyConnectedException java/lang/IllegalStateException
java/nio/channels/AlreadyConnectedException <init>()V
class java/nio/channels/AsynchronousCloseException java/nio/channels/ClosedChannelException
java/nio/channels/AsynchronousCloseException <init>()V
class java/nio/channels/CancelledKeyException java/lang/IllegalStateException
java/nio/channels/CancelledKeyException <init>()V
class java/nio/channels/Channels$1 java/io/OutputStream
java/nio/channels/Channels$1 bb
java/nio/channels/Channels$1 bs
java/nio/channels/Channels$1 b1
java/nio/channels/Channels$1 val$ch
java/nio/channels/Channels$1 <init>(Ljava/nio/channels/WritableByteChannel;)V
java/nio/channels/Channels$1 write(I)V
java/nio/channels/Channels$1 write([BII)V
java/nio/channels/Channels$1 close()V
class java/nio/channels/Channels$ReadableByteChannelImpl
java/nio/channels/spi/AbstractInterruptibleChannel
java/nio/channels/Channels$ReadableByteChannelImpl in
java/nio/channels/Channels$ReadableByteChannelImpl TRANSFER_SIZE
java/nio/channels/Channels$ReadableByteChannelImpl buf
java/nio/channels/Channels$ReadableByteChannelImpl open
java/nio/channels/Channels$ReadableByteChannelImpl readLock
java/nio/channels/Channels$ReadableByteChannelImpl <init>(Ljava/io/InputStream;)V
java/nio/channels/Channels$ReadableByteChannelImpl read(Ljava/nio/ByteBuffer;)I
java/nio/channels/Channels$ReadableByteChannelImpl implCloseChannel()V
class java/nio/channels/Channels$WritableByteChannelImpl java/nio/channels/spi/AbstractInterruptibleChannel
java/nio/channels/Channels$WritableByteChannelImpl out
java/nio/channels/Channels$WritableByteChannelImpl TRANSFER_SIZE
java/nio/channels/Channels$WritableByteChannelImpl buf
java/nio/channels/Channels$WritableByteChannelImpl open
java/nio/channels/Channels$WritableByteChannelImpl writeLock
java/nio/channels/Channels$WritableByteChannelImpl
<init>(Ljava/io/OutputStream;)V
java/nio/channels/Channels$WritableByteChannelImpl write(Ljava/nio/ByteBuffer;)I
java/nio/channels/Channels$WritableByteChannelImpl implCloseChannel()V
class java/nio/channels/Channels java/lang/Object
java/nio/channels/Channels <init>()V
java/nio/channels/Channels write(Ljava/nio/channels/WritableByteChannel;Ljava/nio/ByteBuffer;)I
java/nio/channels/Channels newInputStream(Ljava/nio/channels/ReadableByteChannel;)Ljava/io/InputStream;
java/nio/channels/Channels newOutputStream(Ljava/nio/channels/WritableByteChannel;)Ljava/io/OutputStream;
java/nio/channels/Channels newChannel(Ljava/io/InputStream;)Ljava/nio/channels/ReadableByteChannel;
java/nio/channels/Channels newChannel(Ljava/io/OutputStream;)Ljava/nio/channels/WritableByteChannel;
java/nio/channels/Channels
newReader(Ljava/nio/channels/ReadableByteChannel;Ljava/nio/charset/CharsetDecoder;I)Ljava/io/Reader;
java/nio/channels/Channels

newReader(Ljava/nio/channels/ReadableByteChannel;Ljava/lang/String;)Ljava/io/Reader;
java/nio/channels/Channels
newWriter(Ljava/nio/channels/WritableByteChannel;Ljava/nio/charset/CharsetEncoder;I)Ljava/io/Writer;
java/nio/channels/Channels
newWriter(Ljava/nio/channels/WritableByteChannel;Ljava/lang/String;)Ljava/io/Writer;
java/nio/channels/Channels access$000(Ljava/nio/channels/WritableByteChannel;Ljava/nio/ByteBuffer;)I
class java/nio/channels/ClosedByInterruptException java/nio/channels/AsynchronousCloseException
java/nio/channels/ClosedByInterruptException <init>()V
class java/nio/channels/ClosedChannelException java/io/IOException
java/nio/channels/ClosedChannelException <init>()V
class java/nio/channels/ClosedSelectorException java/lang/IllegalStateException
java/nio/channels/ClosedSelectorException <init>()V
class java/nio/channels/ConnectionPendingException java/lang/IllegalStateException
java/nio/channels/ConnectionPendingException <init>()V
class java/nio/channels/DatagramChannel java/nio/channels/spi/AbstractSelectableChannel
java/nio/channels/DatagramChannel
<init>(Ljava/nio/channels/spi/SelectorProvider;)V
java/nio/channels/DatagramChannel open()Ljava/nio/channels/DatagramChannel;
java/nio/channels/DatagramChannel validOps()I
java/nio/channels/DatagramChannel socket()Ljava/net/DatagramSocket;
java/nio/channels/DatagramChannel isConnected()Z
java/nio/channels/DatagramChannel connect(Ljava/net/SocketAddress;)Ljava/nio/channels/DatagramChannel;
java/nio/channels/DatagramChannel disconnect()Ljava/nio/channels/DatagramChannel;
java/nio/channels/DatagramChannel receive(Ljava/nio/ByteBuffer;)Ljava/net/SocketAddress;
java/nio/channels/DatagramChannel send(Ljava/nio/ByteBuffer;Ljava/net/SocketAddress;)I
java/nio/channels/DatagramChannel read(Ljava/nio/ByteBuffer;)I
java/nio/channels/DatagramChannel read([Ljava/nio/ByteBuffer;II)J
java/nio/channels/DatagramChannel read([Ljava/nio/ByteBuffer;)J
java/nio/channels/DatagramChannel write(Ljava/nio/ByteBuffer;)I
java/nio/channels/DatagramChannel write([Ljava/nio/ByteBuffer;II)J
java/nio/channels/DatagramChannel
write([Ljava/nio/ByteBuffer;)J
class java/nio/channels/FileChannel$MapMode java/lang/Object
java/nio/channels/FileChannel$MapMode READ_ONLY
java/nio/channels/FileChannel$MapMode READ_WRITE
java/nio/channels/FileChannel$MapMode PRIVATE
java/nio/channels/FileChannel$MapMode name
java/nio/channels/FileChannel$MapMode <init>(Ljava/lang/String;)V
java/nio/channels/FileChannel$MapMode toString()Ljava/lang/String;
java/nio/channels/FileChannel$MapMode <clinit>()V
class java/nio/channels/FileLock java/lang/Object
java/nio/channels/FileLock channel
java/nio/channels/FileLock position
java/nio/channels/FileLock size
java/nio/channels/FileLock shared
java/nio/channels/FileLock <init>(Ljava/nio/channels/FileChannel;JJZ)V
java/nio/channels/FileLock channel()Ljava/nio/channels/FileChannel;
java/nio/channels/FileLock position()J

java/nio/channels/FileLock size()J
java/nio/channels/FileLock isShared()Z
java/nio/channels/FileLock overlaps(JJ)Z
java/nio/channels/FileLock
 isValid()Z
java/nio/channels/FileLock release()V
java/nio/channels/FileLock toString()Ljava/lang/String;
class java/nio/channels/FileLockInterruptionException java/io/IOException
java/nio/channels/FileLockInterruptionException <init>()V
class java/nio/channels/IllegalBlockingModeException java/lang/IllegalStateException
java/nio/channels/IllegalBlockingModeException <init>()V
class java/nio/channels/IllegalSelectorException java/lang/IllegalArgumentException
java/nio/channels/IllegalSelectorException <init>()V
class java/nio/channels/NoConnectionPendingException java/lang/IllegalStateException
java/nio/channels/NoConnectionPendingException <init>()V
class java/nio/channels/NonReadableChannelException java/lang/IllegalStateException
java/nio/channels/NonReadableChannelException <init>()V
class java/nio/channels/NonWritableChannelException java/lang/IllegalStateException
java/nio/channels/NonWritableChannelException <init>()V
class java/nio/channels/NotYetBoundException
 java/lang/IllegalStateException
java/nio/channels/NotYetBoundException <init>()V
class java/nio/channels/NotYetConnectedException java/lang/IllegalStateException
java/nio/channels/NotYetConnectedException <init>()V
class java/nio/channels/OverlappingFileLockException java/lang/IllegalStateException
java/nio/channels/OverlappingFileLockException <init>()V
class java/nio/channels/Pipe$SinkChannel java/nio/channels/spi/AbstractSelectableChannel
java/nio/channels/Pipe$SinkChannel <init>(Ljava/nio/channels/spi/SelectorProvider;)V
java/nio/channels/Pipe$SinkChannel validOps()I
class java/nio/channels/Pipe$SourceChannel java/nio/channels/spi/AbstractSelectableChannel
java/nio/channels/Pipe$SourceChannel <init>(Ljava/nio/channels/spi/SelectorProvider;)V
java/nio/channels/Pipe$SourceChannel validOps()I
class java/nio/channels/Pipe java/lang/Object
java/nio/channels/Pipe <init>()V
java/nio/channels/Pipe source()Ljava/nio/channels/Pipe$SourceChannel;
java/nio/channels/Pipe sink()Ljava/nio/channels/Pipe$SinkChannel;
java/nio/channels/Pipe
 open()Ljava/nio/channels/Pipe;
class java/nio/channels/SelectionKey java/lang/Object
java/nio/channels/SelectionKey OP_READ
java/nio/channels/SelectionKey OP_WRITE
java/nio/channels/SelectionKey OP_CONNECT
java/nio/channels/SelectionKey OP_ACCEPT
java/nio/channels/SelectionKey attachment
java/nio/channels/SelectionKey <init>()V
java/nio/channels/SelectionKey channel()Ljava/nio/channels/SelectableChannel;
java/nio/channels/SelectionKey selector()Ljava/nio/channels/Selector;
java/nio/channels/SelectionKey isValid()Z

java/nio/channels/SelectionKey cancel()V
java/nio/channels/SelectionKey interestOps()I
java/nio/channels/SelectionKey interestOps(I)Ljava/nio/channels/SelectionKey;
java/nio/channels/SelectionKey readyOps()I
java/nio/channels/SelectionKey isReadable()Z
java/nio/channels/SelectionKey isWritable()Z
java/nio/channels/SelectionKey isConnectable()Z
java/nio/channels/SelectionKey isAcceptable()Z
java/nio/channels/SelectionKey
 attach(Ljava/lang/Object;)Ljava/lang/Object;
java/nio/channels/SelectionKey attachment()Ljava/lang/Object;
class java/nio/channels/Selector java/lang/Object
java/nio/channels/Selector <init>()V
java/nio/channels/Selector open()Ljava/nio/channels/Selector;
java/nio/channels/Selector isOpen()Z
java/nio/channels/Selector provider()Ljava/nio/channels/spi/SelectorProvider;
java/nio/channels/Selector keys()Ljava/util/Set;
java/nio/channels/Selector selectedKeys()Ljava/util/Set;
java/nio/channels/Selector selectNow()I
java/nio/channels/Selector select(J)I
java/nio/channels/Selector select()I
java/nio/channels/Selector wakeup()Ljava/nio/channels/Selector;
java/nio/channels/Selector close()V
class java/nio/channels/ServerSocketChannel java/nio/channels/spi/AbstractSelectableChannel
java/nio/channels/ServerSocketChannel <init>(Ljava/nio/channels/spi/SelectorProvider;)V
java/nio/channels/ServerSocketChannel open()Ljava/nio/channels/ServerSocketChannel;
java/nio/channels/ServerSocketChannel validOps()I
java/nio/channels/ServerSocketChannel
 socket()Ljava/net/ServerSocket;
java/nio/channels/ServerSocketChannel accept()Ljava/nio/channels/SocketChannel;
class java/nio/channels/UnresolvedAddressException java/lang/IllegalArgumentException
java/nio/channels/UnresolvedAddressException <init>()V
class java/nio/channels/UnsupportedAddressTypeException java/lang/IllegalArgumentException
java/nio/channels/UnsupportedAddressTypeException <init>()V
class java/nio/channels/spi/AbstractSelectionKey java/nio/channels/SelectionKey
java/nio/channels/spi/AbstractSelectionKey valid
java/nio/channels/spi/AbstractSelectionKey <init>()V
java/nio/channels/spi/AbstractSelectionKey isValid()Z
java/nio/channels/spi/AbstractSelectionKey invalidate()V
java/nio/channels/spi/AbstractSelectionKey cancel()V
class java/nio/channels/spi/AbstractSelector$1 java/lang/Object
java/nio/channels/spi/AbstractSelector$1 this$0
java/nio/channels/spi/AbstractSelector$1 <init>(Ljava/nio/channels/spi/AbstractSelector;)V
java/nio/channels/spi/AbstractSelector$1
 interrupt()V
class java/nio/channels/spi/AbstractSelector java/nio/channels/Selector
java/nio/channels/spi/AbstractSelector selectorOpen
java/nio/channels/spi/AbstractSelector provider

java/nio/channels/spi/AbstractSelector cancelledKeys
java/nio/channels/spi/AbstractSelector interruptor
java/nio/channels/spi/AbstractSelector <init>(Ljava/nio/channels/spi/SelectorProvider;)V
java/nio/channels/spi/AbstractSelector cancel(Ljava/nio/channels/SelectionKey;)V
java/nio/channels/spi/AbstractSelector close()V
java/nio/channels/spi/AbstractSelector implCloseSelector()V
java/nio/channels/spi/AbstractSelector isOpen()Z
java/nio/channels/spi/AbstractSelector provider()Ljava/nio/channels/spi/SelectorProvider;
java/nio/channels/spi/AbstractSelector cancelledKeys()Ljava/util/Set;
java/nio/channels/spi/AbstractSelector
register(Ljava/nio/channels/spi/AbstractSelectableChannel;ILjava/lang/Object;)Ljava/nio/channels/SelectionKey;
java/nio/channels/spi/AbstractSelector
deregister(Ljava/nio/channels/spi/AbstractSelectionKey;)V
java/nio/channels/spi/AbstractSelector begin()V
java/nio/channels/spi/AbstractSelector end()V
class java/nio/channels/spi/SelectorProvider$1 java/lang/Object
java/nio/channels/spi/SelectorProvider$1 <init>()V
java/nio/channels/spi/SelectorProvider$1 run()Ljava/lang/Object;
class java/nio/channels/spi/SelectorProvider java/lang/Object
java/nio/channels/spi/SelectorProvider lock
java/nio/channels/spi/SelectorProvider provider
java/nio/channels/spi/SelectorProvider <init>()V
java/nio/channels/spi/SelectorProvider loadProviderFromProperty()Z
java/nio/channels/spi/SelectorProvider loadProviderAsService()Z
java/nio/channels/spi/SelectorProvider provider()Ljava/nio/channels/spi/SelectorProvider;
java/nio/channels/spi/SelectorProvider openDatagramChannel()Ljava/nio/channels/DatagramChannel;
java/nio/channels/spi/SelectorProvider openPipe()Ljava/nio/channels/Pipe;
java/nio/channels/spi/SelectorProvider openSelector()Ljava/nio/channels/spi/AbstractSelector;
java/nio/channels/spi/SelectorProvider
openServerSocketChannel()Ljava/nio/channels/ServerSocketChannel;
java/nio/channels/spi/SelectorProvider openSocketChannel()Ljava/nio/channels/SocketChannel;
java/nio/channels/spi/SelectorProvider inheritedChannel()Ljava/nio/channels/Channel;
java/nio/channels/spi/SelectorProvider access$000()Z
java/nio/channels/spi/SelectorProvider access$100()Ljava/nio/channels/spi/SelectorProvider;
java/nio/channels/spi/SelectorProvider access$200()Z
java/nio/channels/spi/SelectorProvider
access$102(Ljava/nio/channels/spi/SelectorProvider;)Ljava/nio/channels/spi/SelectorProvider;
java/nio/channels/spi/SelectorProvider <clinit>()V
class java/nio/charset/CharacterCodingException java/io/IOException
java/nio/charset/CharacterCodingException <init>()V
class java/nio/charset/Charset$1 java/lang/Object
java/nio/charset/Charset$1 c
java/nio/charset/Charset$1 cl
java/nio/charset/Charset$1 i
java/nio/charset/Charset$1 next
java/nio/charset/Charset$1
<init>()V
java/nio/charset/Charset$1 getNext()Z

java/nio/charset/Charset$1 hasNext()Z
java/nio/charset/Charset$1 next()Ljava/lang/Object;
java/nio/charset/Charset$1 remove()V
class java/nio/charset/Charset$2 java/lang/Object
java/nio/charset/Charset$2 val$charsetName
java/nio/charset/Charset$2 <init>(Ljava/lang/String;)V
java/nio/charset/Charset$2 run()Ljava/lang/Object;
class java/nio/charset/Charset$3 java/lang/Object
java/nio/charset/Charset$3 <init>()V
java/nio/charset/Charset$3 run()Ljava/lang/Object;
class java/nio/charset/Charset$4 java/lang/Object
java/nio/charset/Charset$4 <init>()V
java/nio/charset/Charset$4 run()Ljava/lang/Object;
class java/nio/charset/CoderMalfunctionError java/lang/Error
java/nio/charset/CoderMalfunctionError <init>(Ljava/lang/Exception;)V
class java/nio/charset/IllegalCharsetNameException java/lang/IllegalArgumentException
java/nio/charset/IllegalCharsetNameException charsetName
java/nio/charset/IllegalCharsetNameException <init>(Ljava/lang/String;)V
java/nio/charset/IllegalCharsetNameException
 getCharsetName()Ljava/lang/String;
class java/nio/charset/MalformedInputException java/nio/charset/CharacterCodingException
java/nio/charset/MalformedInputException inputLength
java/nio/charset/MalformedInputException <init>(I)V
java/nio/charset/MalformedInputException getInputLength()I
java/nio/charset/MalformedInputException getMessage()Ljava/lang/String;
class java/nio/charset/UnmappableCharacterException java/nio/charset/CharacterCodingException
java/nio/charset/UnmappableCharacterException inputLength
java/nio/charset/UnmappableCharacterException <init>(I)V
java/nio/charset/UnmappableCharacterException getInputLength()I
java/nio/charset/UnmappableCharacterException getMessage()Ljava/lang/String;
class java/nio/charset/UnsupportedCharsetException java/lang/IllegalArgumentException
java/nio/charset/UnsupportedCharsetException charsetName
java/nio/charset/UnsupportedCharsetException <init>(Ljava/lang/String;)V
java/nio/charset/UnsupportedCharsetException
 getCharsetName()Ljava/lang/String;
class java/rmi/AccessException java/rmi/RemoteException
java/rmi/AccessException serialVersionUID
java/rmi/AccessException <init>(Ljava/lang/String;)V
java/rmi/AccessException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/AlreadyBoundException java/lang/Exception
java/rmi/AlreadyBoundException serialVersionUID
java/rmi/AlreadyBoundException <init>()V
java/rmi/AlreadyBoundException <init>(Ljava/lang/String;)V
class java/rmi/ConnectException java/rmi/RemoteException
java/rmi/ConnectException serialVersionUID
java/rmi/ConnectException <init>(Ljava/lang/String;)V
java/rmi/ConnectException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/ConnectIOException java/rmi/RemoteException

java/rmi/ConnectIOException serialVersionUID
java/rmi/ConnectIOException <init>(Ljava/lang/String;)V
java/rmi/ConnectIOException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/MarshalException java/rmi/RemoteException
java/rmi/MarshalException
 serialVersionUID
java/rmi/MarshalException <init>(Ljava/lang/String;)V
java/rmi/MarshalException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/MarshalledObject$MarshalledObjectInputStream sun/rmi/server/MarshalInputStream
java/rmi/MarshalledObject$MarshalledObjectInputStream locIn
java/rmi/MarshalledObject$MarshalledObjectInputStream <init>(Ljava/io/InputStream;Ljava/io/InputStream;)V
java/rmi/MarshalledObject$MarshalledObjectInputStream readLocation()Ljava/lang/Object;
class java/rmi/MarshalledObject$MarshalledObjectOutputStream sun/rmi/server/MarshalOutputStream
java/rmi/MarshalledObject$MarshalledObjectOutputStream locOut
java/rmi/MarshalledObject$MarshalledObjectOutputStream hadAnnotations
java/rmi/MarshalledObject$MarshalledObjectOutputStream
<init>(Ljava/io/OutputStream;Ljava/io/OutputStream;)V
java/rmi/MarshalledObject$MarshalledObjectOutputStream hadAnnotations()Z
java/rmi/MarshalledObject$MarshalledObjectOutputStream writeLocation(Ljava/lang/String;)V
java/rmi/MarshalledObject$MarshalledObjectOutputStream
 flush()V
class java/rmi/MarshalledObject java/lang/Object
java/rmi/MarshalledObject objBytes
java/rmi/MarshalledObject locBytes
java/rmi/MarshalledObject hash
java/rmi/MarshalledObject serialVersionUID
java/rmi/MarshalledObject <init>(Ljava/lang/Object;)V
java/rmi/MarshalledObject get()Ljava/lang/Object;
java/rmi/MarshalledObject hashCode()I
java/rmi/MarshalledObject equals(Ljava/lang/Object;)Z
class java/rmi/Naming$ParsedNamingURL java/lang/Object
java/rmi/Naming$ParsedNamingURL host
java/rmi/Naming$ParsedNamingURL port
java/rmi/Naming$ParsedNamingURL name
java/rmi/Naming$ParsedNamingURL <init>(Ljava/lang/String;ILjava/lang/String;)V
class java/rmi/Naming java/lang/Object
java/rmi/Naming <init>()V
java/rmi/Naming lookup(Ljava/lang/String;)Ljava/rmi/Remote;
java/rmi/Naming bind(Ljava/lang/String;Ljava/rmi/Remote;)V
java/rmi/Naming unbind(Ljava/lang/String;)V
java/rmi/Naming rebind(Ljava/lang/String;Ljava/rmi/Remote;)V
java/rmi/Naming
 list(Ljava/lang/String;)[Ljava/lang/String;
java/rmi/Naming getRegistry(Ljava/rmi/Naming$ParsedNamingURL;)Ljava/rmi/registry/Registry;
java/rmi/Naming parseURL(Ljava/lang/String;)Ljava/rmi/Naming$ParsedNamingURL;
class java/rmi/NoSuchObjectException java/rmi/RemoteException
java/rmi/NoSuchObjectException serialVersionUID
java/rmi/NoSuchObjectException <init>(Ljava/lang/String;)V

class java/rmi/NotBoundException java/lang/Exception
java/rmi/NotBoundException serialVersionUID
java/rmi/NotBoundException <init>()V
java/rmi/NotBoundException <init>(Ljava/lang/String;)V
class java/rmi/RMISecurityException java/lang/SecurityException
java/rmi/RMISecurityException serialVersionUID
java/rmi/RMISecurityException <init>(Ljava/lang/String;)V
java/rmi/RMISecurityException <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/rmi/RMISecurityManager java/lang/SecurityManager
java/rmi/RMISecurityManager <init>()V
class java/rmi/RemoteException java/io/IOException
java/rmi/RemoteException
 serialVersionUID
java/rmi/RemoteException detail
java/rmi/RemoteException <init>()V
java/rmi/RemoteException <init>(Ljava/lang/String;)V
java/rmi/RemoteException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/rmi/RemoteException getMessage()Ljava/lang/String;
java/rmi/RemoteException getCause()Ljava/lang/Throwable;
class java/rmi/ServerError java/rmi/RemoteException
java/rmi/ServerError serialVersionUID
java/rmi/ServerError <init>(Ljava/lang/String;Ljava/lang/Error;)V
class java/rmi/ServerException java/rmi/RemoteException
java/rmi/ServerException serialVersionUID
java/rmi/ServerException <init>(Ljava/lang/String;)V
java/rmi/ServerException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/ServerRuntimeException java/rmi/RemoteException
java/rmi/ServerRuntimeException serialVersionUID
java/rmi/ServerRuntimeException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/StubNotFoundException java/rmi/RemoteException
java/rmi/StubNotFoundException
 serialVersionUID
java/rmi/StubNotFoundException <init>(Ljava/lang/String;)V
java/rmi/StubNotFoundException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/UnexpectedException java/rmi/RemoteException
java/rmi/UnexpectedException serialVersionUID
java/rmi/UnexpectedException <init>(Ljava/lang/String;)V
java/rmi/UnexpectedException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/UnknownHostException java/rmi/RemoteException
java/rmi/UnknownHostException serialVersionUID
java/rmi/UnknownHostException <init>(Ljava/lang/String;)V
java/rmi/UnknownHostException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/UnmarshalException java/rmi/RemoteException
java/rmi/UnmarshalException serialVersionUID
java/rmi/UnmarshalException <init>(Ljava/lang/String;)V
java/rmi/UnmarshalException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/activation/Activatable java/rmi/server/RemoteServer
java/rmi/activation/Activatable id

java/rmi/activation/Activatable
serialVersionUID
java/rmi/activation/Activatable <init>(Ljava/lang/String;Ljava/rmi/MarshalledObject;ZI)V
java/rmi/activation/Activatable
<init>(Ljava/lang/String;Ljava/rmi/MarshalledObject;ZILjava/rmi/server/RMIClientSocketFactory;Ljava/rmi/server/RMIServerSocketFactory;)V
java/rmi/activation/Activatable <init>(Ljava/rmi/activation/ActivationID;I)V
java/rmi/activation/Activatable
<init>(Ljava/rmi/activation/ActivationID;ILjava/rmi/server/RMIClientSocketFactory;Ljava/rmi/server/RMIServerSocketFactory;)V
java/rmi/activation/Activatable getID()Ljava/rmi/activation/ActivationID;
java/rmi/activation/Activatable register(Ljava/rmi/activation/ActivationDesc;)Ljava/rmi/Remote;
java/rmi/activation/Activatable inactive(Ljava/rmi/activation/ActivationID;)Z
java/rmi/activation/Activatable unregister(Ljava/rmi/activation/ActivationID;)V
java/rmi/activation/Activatable
exportObject(Ljava/rmi/Remote;Ljava/lang/String;Ljava/rmi/MarshalledObject;ZI)Ljava/rmi/activation/ActivationID;
java/rmi/activation/Activatable
exportObject(Ljava/rmi/Remote;Ljava/lang/String;Ljava/rmi/MarshalledObject;ZILjava/rmi/server/RMIClientSocketFactory;Ljava/rmi/server/RMIServerSocketFactory;)Ljava/rmi/activation/ActivationID;
java/rmi/activation/Activatable
exportObject(Ljava/rmi/Remote;Ljava/rmi/activation/ActivationID;I)Ljava/rmi/Remote;
java/rmi/activation/Activatable
exportObject(Ljava/rmi/Remote;Ljava/rmi/activation/ActivationID;ILjava/rmi/server/RMIClientSocketFactory;Ljava/rmi/server/RMIServerSocketFactory;)Ljava/rmi/Remote;
java/rmi/activation/Activatable unexportObject(Ljava/rmi/Remote;Z)Z
java/rmi/activation/Activatable
exportObject(Ljava/rmi/Remote;Lsun/rmi/server/ActivatableServerRef;)Ljava/rmi/Remote;
class java/rmi/activation/ActivateFailedException java/rmi/RemoteException
java/rmi/activation/ActivateFailedException serialVersionUID
java/rmi/activation/ActivateFailedException <init>(Ljava/lang/String;)V
java/rmi/activation/ActivateFailedException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class
java/rmi/activation/ActivationDesc java/lang/Object
java/rmi/activation/ActivationDesc groupID
java/rmi/activation/ActivationDesc className
java/rmi/activation/ActivationDesc location
java/rmi/activation/ActivationDesc data
java/rmi/activation/ActivationDesc restart
java/rmi/activation/ActivationDesc serialVersionUID
java/rmi/activation/ActivationDesc <init>(Ljava/lang/String;Ljava/lang/String;Ljava/rmi/MarshalledObject;)V
java/rmi/activation/ActivationDesc <init>(Ljava/lang/String;Ljava/lang/String;Ljava/rmi/MarshalledObject;Z)V
java/rmi/activation/ActivationDesc
<init>(Ljava/rmi/activation/ActivationGroupID;Ljava/lang/String;Ljava/lang/String;Ljava/rmi/MarshalledObject;)V
java/rmi/activation/ActivationDesc
<init>(Ljava/rmi/activation/ActivationGroupID;Ljava/lang/String;Ljava/lang/String;Ljava/rmi/MarshalledObject;Z)V
java/rmi/activation/ActivationDesc getGroupID()Ljava/rmi/activation/ActivationGroupID;

java/rmi/activation/ActivationDesc getClassName()Ljava/lang/String;
java/rmi/activation/ActivationDesc
getLocation()Ljava/lang/String;
java/rmi/activation/ActivationDesc getData()Ljava/rmi/MarshalledObject;
java/rmi/activation/ActivationDesc getRestartMode()Z
java/rmi/activation/ActivationDesc equals(Ljava/lang/Object;)Z
java/rmi/activation/ActivationDesc hashCode()I
class java/rmi/activation/ActivationException java/lang/Exception
java/rmi/activation/ActivationException detail
java/rmi/activation/ActivationException serialVersionUID
java/rmi/activation/ActivationException <init>()V
java/rmi/activation/ActivationException <init>(Ljava/lang/String;)V
java/rmi/activation/ActivationException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/rmi/activation/ActivationException getMessage()Ljava/lang/String;
java/rmi/activation/ActivationException getCause()Ljava/lang/Throwable;
class java/rmi/activation/ActivationGroup$1 java/lang/Object
java/rmi/activation/ActivationGroup$1 val$desc
java/rmi/activation/ActivationGroup$1 val$className
java/rmi/activation/ActivationGroup$1
<init>(Ljava/rmi/activation/ActivationGroupDesc;Ljava/lang/String;)V
java/rmi/activation/ActivationGroup$1 run()Ljava/lang/Object;
class java/rmi/activation/ActivationGroup java/rmi/server/UnicastRemoteObject
java/rmi/activation/ActivationGroup groupID
java/rmi/activation/ActivationGroup monitor
java/rmi/activation/ActivationGroup incarnation
java/rmi/activation/ActivationGroup currGroup
java/rmi/activation/ActivationGroup currGroupID
java/rmi/activation/ActivationGroup currSystem
java/rmi/activation/ActivationGroup canCreate
java/rmi/activation/ActivationGroup groupConstrParams
java/rmi/activation/ActivationGroup serialVersionUID
java/rmi/activation/ActivationGroup <init>(Ljava/rmi/activation/ActivationGroupID;)V
java/rmi/activation/ActivationGroup inactiveObject(Ljava/rmi/activation/ActivationID;)Z
java/rmi/activation/ActivationGroup activeObject(Ljava/rmi/activation/ActivationID;Ljava/rmi/Remote;)V
java/rmi/activation/ActivationGroup
createGroup(Ljava/rmi/activation/ActivationGroupID;Ljava/rmi/activation/ActivationGroupDesc;J)Ljava/rmi/activation/ActivationGroup;
java/rmi/activation/ActivationGroup
currentGroupID()Ljava/rmi/activation/ActivationGroupID;
java/rmi/activation/ActivationGroup internalCurrentGroupID()Ljava/rmi/activation/ActivationGroupID;
java/rmi/activation/ActivationGroup setSystem(Ljava/rmi/activation/ActivationSystem;)V
java/rmi/activation/ActivationGroup getSystem()Ljava/rmi/activation/ActivationSystem;
java/rmi/activation/ActivationGroup
activeObject(Ljava/rmi/activation/ActivationID;Ljava/rmi/MarshalledObject;)V
java/rmi/activation/ActivationGroup inactiveGroup()V
java/rmi/activation/ActivationGroup getMonitor()Ljava/rmi/activation/ActivationMonitor;
java/rmi/activation/ActivationGroup destroyGroup()V
java/rmi/activation/ActivationGroup currentGroup()Ljava/rmi/activation/ActivationGroup;

java/rmi/activation/ActivationGroup <clinit>()V
class java/rmi/activation/ActivationGroupDesc$CommandEnvironment java/lang/Object
java/rmi/activation/ActivationGroupDesc$CommandEnvironment
 serialVersionUID
java/rmi/activation/ActivationGroupDesc$CommandEnvironment command
java/rmi/activation/ActivationGroupDesc$CommandEnvironment options
java/rmi/activation/ActivationGroupDesc$CommandEnvironment <init>(Ljava/lang/String;[Ljava/lang/String;)V
java/rmi/activation/ActivationGroupDesc$CommandEnvironment getCommandPath()Ljava/lang/String;
java/rmi/activation/ActivationGroupDesc$CommandEnvironment getCommandOptions()[Ljava/lang/String;
java/rmi/activation/ActivationGroupDesc$CommandEnvironment equals(Ljava/lang/Object;)Z
java/rmi/activation/ActivationGroupDesc$CommandEnvironment hashCode()I
class java/rmi/activation/ActivationGroupDesc java/lang/Object
java/rmi/activation/ActivationGroupDesc className
java/rmi/activation/ActivationGroupDesc location
java/rmi/activation/ActivationGroupDesc data
java/rmi/activation/ActivationGroupDesc env
java/rmi/activation/ActivationGroupDesc props
java/rmi/activation/ActivationGroupDesc
 serialVersionUID
java/rmi/activation/ActivationGroupDesc
<init>(Ljava/util/Properties;Ljava/rmi/activation/ActivationGroupDesc$CommandEnvironment;)V
java/rmi/activation/ActivationGroupDesc
<init>(Ljava/lang/String;Ljava/lang/String;Ljava/rmi/MarshalledObject;Ljava/util/Properties;Ljava/rmi/activation/A
ctivationGroupDesc$CommandEnvironment;)V
java/rmi/activation/ActivationGroupDesc getClassName()Ljava/lang/String;
java/rmi/activation/ActivationGroupDesc getLocation()Ljava/lang/String;
java/rmi/activation/ActivationGroupDesc getData()Ljava/rmi/MarshalledObject;
java/rmi/activation/ActivationGroupDesc getPropertyOverrides()Ljava/util/Properties;
java/rmi/activation/ActivationGroupDesc
getCommandEnvironment()Ljava/rmi/activation/ActivationGroupDesc$CommandEnvironment;
java/rmi/activation/ActivationGroupDesc equals(Ljava/lang/Object;)Z
java/rmi/activation/ActivationGroupDesc hashCode()I
class java/rmi/activation/ActivationGroupID java/lang/Object
java/rmi/activation/ActivationGroupID
 system
java/rmi/activation/ActivationGroupID uid
java/rmi/activation/ActivationGroupID serialVersionUID
java/rmi/activation/ActivationGroupID <init>(Ljava/rmi/activation/ActivationSystem;)V
java/rmi/activation/ActivationGroupID getSystem()Ljava/rmi/activation/ActivationSystem;
java/rmi/activation/ActivationGroupID hashCode()I
java/rmi/activation/ActivationGroupID equals(Ljava/lang/Object;)Z
class java/rmi/activation/ActivationGroup_Stub java/rmi/server/RemoteStub
java/rmi/activation/ActivationGroup_Stub serialVersionUID
java/rmi/activation/ActivationGroup_Stub $method_newInstance_0
java/rmi/activation/ActivationGroup_Stub class$java$rmi$activation$ActivationInstantiator
java/rmi/activation/ActivationGroup_Stub class$java$rmi$activation$ActivationID
java/rmi/activation/ActivationGroup_Stub class$java$rmi$activation$ActivationDesc
java/rmi/activation/ActivationGroup_Stub <clinit>()V

java/rmi/activation/ActivationGroup_Stub <init>(Ljava/rmi/server/RemoteRef;)V
java/rmi/activation/ActivationGroup_Stub
class$(Ljava/lang/String;)Ljava/lang/Class;
java/rmi/activation/ActivationGroup_Stub
newInstance(Ljava/rmi/activation/ActivationID;Ljava/rmi/activation/ActivationDesc;)Ljava/rmi/MarshalledObject;
class java/rmi/activation/ActivationID java/lang/Object
java/rmi/activation/ActivationID activator
java/rmi/activation/ActivationID uid
java/rmi/activation/ActivationID serialVersionUID
java/rmi/activation/ActivationID <init>(Ljava/rmi/activation/Activator;)V
java/rmi/activation/ActivationID activate(Z)Ljava/rmi/Remote;
java/rmi/activation/ActivationID hashCode()I
java/rmi/activation/ActivationID equals(Ljava/lang/Object;)Z
java/rmi/activation/ActivationID writeObject(Ljava/io/ObjectOutputStream;)V
java/rmi/activation/ActivationID readObject(Ljava/io/ObjectInputStream;)V
class java/rmi/activation/ActivationInstantiator java/lang/Object
java/rmi/activation/ActivationInstantiator
newInstance(Ljava/rmi/activation/ActivationID;Ljava/rmi/activation/ActivationDesc;)Ljava/rmi/MarshalledObject;
class
java/rmi/activation/ActivationMonitor java/lang/Object
java/rmi/activation/ActivationMonitor inactiveObject(Ljava/rmi/activation/ActivationID;)V
java/rmi/activation/ActivationMonitor
activeObject(Ljava/rmi/activation/ActivationID;Ljava/rmi/MarshalledObject;)V
java/rmi/activation/ActivationMonitor inactiveGroup(Ljava/rmi/activation/ActivationGroupID;J)V
class java/rmi/activation/ActivationSystem java/lang/Object
java/rmi/activation/ActivationSystem SYSTEM_PORT
java/rmi/activation/ActivationSystem
registerObject(Ljava/rmi/activation/ActivationDesc;)Ljava/rmi/activation/ActivationID;
java/rmi/activation/ActivationSystem unregisterObject(Ljava/rmi/activation/ActivationID;)V
java/rmi/activation/ActivationSystem
registerGroup(Ljava/rmi/activation/ActivationGroupDesc;)Ljava/rmi/activation/ActivationGroupID;
java/rmi/activation/ActivationSystem
activeGroup(Ljava/rmi/activation/ActivationGroupID;Ljava/rmi/activation/ActivationInstantiator;J)Ljava/rmi/activation/ActivationMonitor;
java/rmi/activation/ActivationSystem
unregisterGroup(Ljava/rmi/activation/ActivationGroupID;)V
java/rmi/activation/ActivationSystem shutdown()V
java/rmi/activation/ActivationSystem
setActivationDesc(Ljava/rmi/activation/ActivationID;Ljava/rmi/activation/ActivationDesc;)Ljava/rmi/activation/ActivationDesc;
java/rmi/activation/ActivationSystem
setActivationGroupDesc(Ljava/rmi/activation/ActivationGroupID;Ljava/rmi/activation/ActivationGroupDesc;)Ljava/rmi/activation/ActivationGroupDesc;
java/rmi/activation/ActivationSystem
getActivationDesc(Ljava/rmi/activation/ActivationID;)Ljava/rmi/activation/ActivationDesc;
java/rmi/activation/ActivationSystem
getActivationGroupDesc(Ljava/rmi/activation/ActivationGroupID;)Ljava/rmi/activation/ActivationGroupDesc;
class java/rmi/activation/Activator java/lang/Object

java/rmi/activation/Activator activate(Ljava/rmi/activation/ActivationID;Z)Ljava/rmi/MarshalledObject;
class java/rmi/activation/UnknownGroupException java/rmi/activation/ActivationException
java/rmi/activation/UnknownGroupException
 serialVersionUID
java/rmi/activation/UnknownGroupException <init>(Ljava/lang/String;)V
class java/rmi/activation/UnknownObjectException java/rmi/activation/ActivationException
java/rmi/activation/UnknownObjectException serialVersionUID
java/rmi/activation/UnknownObjectException <init>(Ljava/lang/String;)V
class java/rmi/dgc/DGC java/lang/Object
java/rmi/dgc/DGC dirty([Ljava/rmi/server/ObjID;JLjava/rmi/dgc/Lease;)Ljava/rmi/dgc/Lease;
java/rmi/dgc/DGC clean([Ljava/rmi/server/ObjID;JLjava/rmi/dgc/VMID;Z)V
class java/rmi/dgc/Lease java/lang/Object
java/rmi/dgc/Lease vmid
java/rmi/dgc/Lease value
java/rmi/dgc/Lease serialVersionUID
java/rmi/dgc/Lease <init>(Ljava/rmi/dgc/VMID;J)V
java/rmi/dgc/Lease getVMID()Ljava/rmi/dgc/VMID;
java/rmi/dgc/Lease getValue()J
class java/rmi/dgc/VMID$1 java/lang/Object
java/rmi/dgc/VMID$1 <init>()V
java/rmi/dgc/VMID$1 run()Ljava/lang/Object;
class java/rmi/dgc/VMID java/lang/Object
java/rmi/dgc/VMID localAddr
java/rmi/dgc/VMID
 addr
java/rmi/dgc/VMID uid
java/rmi/dgc/VMID serialVersionUID
java/rmi/dgc/VMID <init>()V
java/rmi/dgc/VMID isUnique()Z
java/rmi/dgc/VMID hashCode()I
java/rmi/dgc/VMID equals(Ljava/lang/Object;)Z
java/rmi/dgc/VMID toString()Ljava/lang/String;
java/rmi/dgc/VMID computeAddressHash()[B
java/rmi/dgc/VMID <clinit>()V
class java/rmi/registry/LocateRegistry java/lang/Object
java/rmi/registry/LocateRegistry <init>()V
java/rmi/registry/LocateRegistry getRegistry()Ljava/rmi/registry/Registry;
java/rmi/registry/LocateRegistry getRegistry(I)Ljava/rmi/registry/Registry;
java/rmi/registry/LocateRegistry getRegistry(Ljava/lang/String;)Ljava/rmi/registry/Registry;
java/rmi/registry/LocateRegistry getRegistry(Ljava/lang/String;I)Ljava/rmi/registry/Registry;
java/rmi/registry/LocateRegistry
getRegistry(Ljava/lang/String;ILjava/rmi/server/RMIClientSocketFactory;)Ljava/rmi/registry/Registry;
java/rmi/registry/LocateRegistry createRegistry(I)Ljava/rmi/registry/Registry;
java/rmi/registry/LocateRegistry
createRegistry(ILjava/rmi/server/RMIClientSocketFactory;Ljava/rmi/server/RMIServerSocketFactory;)Ljava/rmi/registry/Registry;
class java/rmi/registry/Registry java/lang/Object
java/rmi/registry/Registry REGISTRY_PORT

java/rmi/registry/Registry lookup(Ljava/lang/String;)Ljava/rmi/Remote;
java/rmi/registry/Registry bind(Ljava/lang/String;Ljava/rmi/Remote;)V
java/rmi/registry/Registry unbind(Ljava/lang/String;)V
java/rmi/registry/Registry rebind(Ljava/lang/String;Ljava/rmi/Remote;)V
java/rmi/registry/Registry list()[Ljava/lang/String;
class java/rmi/registry/RegistryHandler java/lang/Object
java/rmi/registry/RegistryHandler registryStub(Ljava/lang/String;I)Ljava/rmi/registry/Registry;
java/rmi/registry/RegistryHandler registryImpl(I)Ljava/rmi/registry/Registry;
class java/rmi/server/ExportException java/rmi/RemoteException
java/rmi/server/ExportException serialVersionUID
java/rmi/server/ExportException <init>(Ljava/lang/String;)V
java/rmi/server/ExportException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class
 java/rmi/server/LoaderHandler java/lang/Object
java/rmi/server/LoaderHandler packagePrefix
java/rmi/server/LoaderHandler loadClass(Ljava/lang/String;)Ljava/lang/Class;
java/rmi/server/LoaderHandler loadClass(Ljava/net/URL;Ljava/lang/String;)Ljava/lang/Class;
java/rmi/server/LoaderHandler getSecurityContext(Ljava/lang/ClassLoader;)Ljava/lang/Object;
class java/rmi/server/LogStream java/io/PrintStream
java/rmi/server/LogStream known
java/rmi/server/LogStream defaultStream
java/rmi/server/LogStream name
java/rmi/server/LogStream logOut
java/rmi/server/LogStream logWriter
java/rmi/server/LogStream buffer
java/rmi/server/LogStream bufOut
java/rmi/server/LogStream SILENT
java/rmi/server/LogStream BRIEF
java/rmi/server/LogStream VERBOSE
java/rmi/server/LogStream <init>(Ljava/lang/String;Ljava/io/OutputStream;)V
java/rmi/server/LogStream log(Ljava/lang/String;)Ljava/rmi/server/LogStream;
java/rmi/server/LogStream getDefaultStream()Ljava/io/PrintStream;
java/rmi/server/LogStream
 setDefaultStream(Ljava/io/PrintStream;)V
java/rmi/server/LogStream getOutputStream()Ljava/io/OutputStream;
java/rmi/server/LogStream setOutputStream(Ljava/io/OutputStream;)V
java/rmi/server/LogStream write(I)V
java/rmi/server/LogStream write([BII)V
java/rmi/server/LogStream toString()Ljava/lang/String;
java/rmi/server/LogStream parseLevel(Ljava/lang/String;)I
java/rmi/server/LogStream <clinit>()V
class java/rmi/server/ObjID$1 java/lang/Object
class java/rmi/server/ObjID$InsecureRandom java/util/Random
java/rmi/server/ObjID$InsecureRandom serialVersionUID
java/rmi/server/ObjID$InsecureRandom nextNum
java/rmi/server/ObjID$InsecureRandom <init>()V
java/rmi/server/ObjID$InsecureRandom nextLong()J
java/rmi/server/ObjID$InsecureRandom <init>(Ljava/rmi/server/ObjID$1;)V

class java/rmi/server/ObjID java/lang/Object
java/rmi/server/ObjID REGISTRY_ID
java/rmi/server/ObjID ACTIVATOR_ID
java/rmi/server/ObjID DGC_ID
java/rmi/server/ObjID serialVersionUID
java/rmi/server/ObjID
mySpace
java/rmi/server/ObjID generator
java/rmi/server/ObjID objNum
java/rmi/server/ObjID space
java/rmi/server/ObjID <init>()V
java/rmi/server/ObjID <init>(I)V
java/rmi/server/ObjID <init>(JLjava/rmi/server/UID;)V
java/rmi/server/ObjID write(Ljava/io/ObjectOutput;)V
java/rmi/server/ObjID read(Ljava/io/ObjectInput;)Ljava/rmi/server/ObjID;
java/rmi/server/ObjID hashCode()I
java/rmi/server/ObjID equals(Ljava/lang/Object;)Z
java/rmi/server/ObjID toString()Ljava/lang/String;
java/rmi/server/ObjID <clinit>()V
class java/rmi/server/Operation java/lang/Object
java/rmi/server/Operation operation
java/rmi/server/Operation <init>(Ljava/lang/String;)V
java/rmi/server/Operation getOperation()Ljava/lang/String;
java/rmi/server/Operation toString()Ljava/lang/String;
class java/rmi/server/RMIClassLoader$1 java/lang/Object
java/rmi/server/RMIClassLoader$1 <init>()V
java/rmi/server/RMIClassLoader$1 run()Ljava/lang/Object;
class java/rmi/server/RMIClassLoader$2 java/rmi/server/RMIClassLoaderSpi
java/rmi/server/RMIClassLoader$2
<init>()V
java/rmi/server/RMIClassLoader$2
loadClass(Ljava/lang/String;Ljava/lang/String;Ljava/lang/ClassLoader;)Ljava/lang/Class;
java/rmi/server/RMIClassLoader$2
loadProxyClass(Ljava/lang/String;[Ljava/lang/String;Ljava/lang/ClassLoader;)Ljava/lang/Class;
java/rmi/server/RMIClassLoader$2 getClassLoader(Ljava/lang/String;)Ljava/lang/ClassLoader;
java/rmi/server/RMIClassLoader$2 getClassAnnotation(Ljava/lang/Class;)Ljava/lang/String;
class java/rmi/server/RMIClassLoader java/lang/Object
java/rmi/server/RMIClassLoader defaultProvider
java/rmi/server/RMIClassLoader provider
java/rmi/server/RMIClassLoader <init>()V
java/rmi/server/RMIClassLoader loadClass(Ljava/lang/String;)Ljava/lang/Class;
java/rmi/server/RMIClassLoader loadClass(Ljava/net/URL;Ljava/lang/String;)Ljava/lang/Class;
java/rmi/server/RMIClassLoader loadClass(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/Class;
java/rmi/server/RMIClassLoader
loadClass(Ljava/lang/String;Ljava/lang/String;Ljava/lang/ClassLoader;)Ljava/lang/Class;
java/rmi/server/RMIClassLoader
loadProxyClass(Ljava/lang/String;[Ljava/lang/String;Ljava/lang/ClassLoader;)Ljava/lang/Class;
java/rmi/server/RMIClassLoader getClassLoader(Ljava/lang/String;)Ljava/lang/ClassLoader;

java/rmi/server/RMIClassLoader getClassAnnotation(Ljava/lang/Class;)Ljava/lang/String;
java/rmi/server/RMIClassLoader getDefaultProviderInstance()Ljava/rmi/server/RMIClassLoaderSpi;
java/rmi/server/RMIClassLoader getSecurityContext(Ljava/lang/ClassLoader;)Ljava/lang/Object;
java/rmi/server/RMIClassLoader newDefaultProviderInstance()Ljava/rmi/server/RMIClassLoaderSpi;
java/rmi/server/RMIClassLoader initializeProvider()Ljava/rmi/server/RMIClassLoaderSpi;
java/rmi/server/RMIClassLoader access$000()Ljava/rmi/server/RMIClassLoaderSpi;
java/rmi/server/RMIClassLoader <clinit>()V
class java/rmi/server/RMIClassLoaderSpi java/lang/Object
java/rmi/server/RMIClassLoaderSpi <init>()V
java/rmi/server/RMIClassLoaderSpi
loadClass(Ljava/lang/String;Ljava/lang/String;Ljava/lang/ClassLoader;)Ljava/lang/Class;
java/rmi/server/RMIClassLoaderSpi
 loadProxyClass(Ljava/lang/String;[Ljava/lang/String;Ljava/lang/ClassLoader;)Ljava/lang/Class;
java/rmi/server/RMIClassLoaderSpi getClassLoader(Ljava/lang/String;)Ljava/lang/ClassLoader;
java/rmi/server/RMIClassLoaderSpi getClassAnnotation(Ljava/lang/Class;)Ljava/lang/String;
class java/rmi/server/RMIClientSocketFactory java/lang/Object
java/rmi/server/RMIClientSocketFactory createSocket(Ljava/lang/String;I)Ljava/net/Socket;
class java/rmi/server/RMIFailureHandler java/lang/Object
java/rmi/server/RMIFailureHandler failure(Ljava/lang/Exception;)Z
class java/rmi/server/RMIServerSocketFactory java/lang/Object
java/rmi/server/RMIServerSocketFactory createServerSocket(I)Ljava/net/ServerSocket;
class java/rmi/server/RMISocketFactory java/lang/Object
java/rmi/server/RMISocketFactory factory
java/rmi/server/RMISocketFactory defaultSocketFactory
java/rmi/server/RMISocketFactory handler
java/rmi/server/RMISocketFactory
 <init>()V
java/rmi/server/RMISocketFactory createSocket(Ljava/lang/String;I)Ljava/net/Socket;
java/rmi/server/RMISocketFactory createServerSocket(I)Ljava/net/ServerSocket;
java/rmi/server/RMISocketFactory setSocketFactory(Ljava/rmi/server/RMISocketFactory;)V
java/rmi/server/RMISocketFactory getSocketFactory()Ljava/rmi/server/RMISocketFactory;
java/rmi/server/RMISocketFactory getDefaultSocketFactory()Ljava/rmi/server/RMISocketFactory;
java/rmi/server/RMISocketFactory setFailureHandler(Ljava/rmi/server/RMIFailureHandler;)V
java/rmi/server/RMISocketFactory getFailureHandler()Ljava/rmi/server/RMIFailureHandler;
java/rmi/server/RMISocketFactory <clinit>()V
class java/rmi/server/RemoteCall java/lang/Object
java/rmi/server/RemoteCall getOutputStream()Ljava/io/ObjectOutput;
java/rmi/server/RemoteCall releaseOutputStream()V
java/rmi/server/RemoteCall getInputStream()Ljava/io/ObjectInput;
java/rmi/server/RemoteCall releaseInputStream()V
java/rmi/server/RemoteCall getResultStream(Z)Ljava/io/ObjectOutput;
java/rmi/server/RemoteCall
 executeCall()V
java/rmi/server/RemoteCall done()V
class java/rmi/server/RemoteObject java/lang/Object
java/rmi/server/RemoteObject ref
java/rmi/server/RemoteObject serialVersionUID
java/rmi/server/RemoteObject <init>()V

java/rmi/server/RemoteObject <init>(Ljava/rmi/server/RemoteRef;)V
java/rmi/server/RemoteObject getRef()Ljava/rmi/server/RemoteRef;
java/rmi/server/RemoteObject toStub(Ljava/rmi/Remote;)Ljava/rmi/Remote;
java/rmi/server/RemoteObject hashCode()I
java/rmi/server/RemoteObject equals(Ljava/lang/Object;)Z
java/rmi/server/RemoteObject toString()Ljava/lang/String;
java/rmi/server/RemoteObject writeObject(Ljava/io/ObjectOutputStream;)V
java/rmi/server/RemoteObject readObject(Ljava/io/ObjectInputStream;)V
class java/rmi/server/RemoteObjectInvocationHandler$MethodToHash_Maps$1 java/util/WeakHashMap
java/rmi/server/RemoteObjectInvocationHandler$MethodToHash_Maps$1 this$0
java/rmi/server/RemoteObjectInvocationHandler$MethodToHash_Maps$1
<init>(Ljava/rmi/server/RemoteObjectInvocationHandler$MethodToHash_Maps;)V
java/rmi/server/RemoteObjectInvocationHandler$MethodToHash_Maps$1
get(Ljava/lang/Object;)Ljava/lang/Object;
class java/rmi/server/RemoteObjectInvocationHandler$MethodToHash_Maps sun/rmi/server/WeakClassHashMap
java/rmi/server/RemoteObjectInvocationHandler$MethodToHash_Maps <init>()V
java/rmi/server/RemoteObjectInvocationHandler$MethodToHash_Maps
createMap(Ljava/lang/Class;)Ljava/util/Map;
class java/rmi/server/RemoteObjectInvocationHandler java/rmi/server/RemoteObject
java/rmi/server/RemoteObjectInvocationHandler serialVersionUID
java/rmi/server/RemoteObjectInvocationHandler methodToHash_Maps
java/rmi/server/RemoteObjectInvocationHandler <init>(Ljava/rmi/server/RemoteRef;)V
java/rmi/server/RemoteObjectInvocationHandler
invoke(Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)Ljava/lang/Object;
java/rmi/server/RemoteObjectInvocationHandler
invokeObjectMethod(Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)Ljava/lang/Object;
java/rmi/server/RemoteObjectInvocationHandler
invokeRemoteMethod(Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)Ljava/lang/Object;
java/rmi/server/RemoteObjectInvocationHandler proxyToString(Ljava/lang/Object;)Ljava/lang/String;
java/rmi/server/RemoteObjectInvocationHandler readObjectNoData()V
java/rmi/server/RemoteObjectInvocationHandler getMethodHash(Ljava/lang/reflect/Method;)J
java/rmi/server/RemoteObjectInvocationHandler <clinit>()V
class java/rmi/server/RemoteRef java/lang/Object
java/rmi/server/RemoteRef serialVersionUID
java/rmi/server/RemoteRef packagePrefix
java/rmi/server/RemoteRef
invoke(Ljava/rmi/Remote;Ljava/lang/reflect/Method;[Ljava/lang/Object;J)Ljava/lang/Object;
java/rmi/server/RemoteRef
newCall(Ljava/rmi/server/RemoteObject;[Ljava/rmi/server/Operation;IJ)Ljava/rmi/server/RemoteCall;
java/rmi/server/RemoteRef invoke(Ljava/rmi/server/RemoteCall;)V
java/rmi/server/RemoteRef done(Ljava/rmi/server/RemoteCall;)V
java/rmi/server/RemoteRef
getRefClass(Ljava/io/ObjectOutput;)Ljava/lang/String;
java/rmi/server/RemoteRef remoteHashCode()I
java/rmi/server/RemoteRef remoteEquals(Ljava/rmi/server/RemoteRef;)Z
java/rmi/server/RemoteRef remoteToString()Ljava/lang/String;
class java/rmi/server/RemoteServer java/rmi/server/RemoteObject
java/rmi/server/RemoteServer serialVersionUID

java/rmi/server/RemoteServer logNull
java/rmi/server/RemoteServer <init>()V
java/rmi/server/RemoteServer <init>(Ljava/rmi/server/RemoteRef;)V
java/rmi/server/RemoteServer getClientHost()Ljava/lang/String;
java/rmi/server/RemoteServer setLog(Ljava/io/OutputStream;)V
java/rmi/server/RemoteServer getLog()Ljava/io/PrintStream;
java/rmi/server/RemoteServer <clinit>()V
class java/rmi/server/RemoteStub java/rmi/server/RemoteObject
java/rmi/server/RemoteStub serialVersionUID
java/rmi/server/RemoteStub <init>()V
java/rmi/server/RemoteStub <init>(Ljava/rmi/server/RemoteRef;)V
java/rmi/server/RemoteStub setRef(Ljava/rmi/server/RemoteStub;Ljava/rmi/server/RemoteRef;)V
class
 java/rmi/server/ServerCloneException java/lang/CloneNotSupportedException
java/rmi/server/ServerCloneException detail
java/rmi/server/ServerCloneException serialVersionUID
java/rmi/server/ServerCloneException <init>(Ljava/lang/String;)V
java/rmi/server/ServerCloneException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
java/rmi/server/ServerCloneException getMessage()Ljava/lang/String;
java/rmi/server/ServerCloneException getCause()Ljava/lang/Throwable;
class java/rmi/server/ServerNotActiveException java/lang/Exception
java/rmi/server/ServerNotActiveException serialVersionUID
java/rmi/server/ServerNotActiveException <init>()V
java/rmi/server/ServerNotActiveException <init>(Ljava/lang/String;)V
class java/rmi/server/ServerRef java/lang/Object
java/rmi/server/ServerRef serialVersionUID
java/rmi/server/ServerRef exportObject(Ljava/rmi/Remote;Ljava/lang/Object;)Ljava/rmi/server/RemoteStub;
java/rmi/server/ServerRef getClientHost()Ljava/lang/String;
class
 java/rmi/server/Skeleton java/lang/Object
java/rmi/server/Skeleton dispatch(Ljava/rmi/Remote;Ljava/rmi/server/RemoteCall;IJ)V
java/rmi/server/Skeleton getOperations()[Ljava/rmi/server/Operation;
class java/rmi/server/SkeletonMismatchException java/rmi/RemoteException
java/rmi/server/SkeletonMismatchException serialVersionUID
java/rmi/server/SkeletonMismatchException <init>(Ljava/lang/String;)V
class java/rmi/server/SkeletonNotFoundException java/rmi/RemoteException
java/rmi/server/SkeletonNotFoundException serialVersionUID
java/rmi/server/SkeletonNotFoundException <init>(Ljava/lang/String;)V
java/rmi/server/SkeletonNotFoundException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/server/SocketSecurityException java/rmi/server/ExportException
java/rmi/server/SocketSecurityException serialVersionUID
java/rmi/server/SocketSecurityException <init>(Ljava/lang/String;)V
java/rmi/server/SocketSecurityException <init>(Ljava/lang/String;Ljava/lang/Exception;)V
class java/rmi/server/UID
 java/lang/Object
java/rmi/server/UID ONE_SECOND
java/rmi/server/UID hostUnique
java/rmi/server/UID hostUniqueSet

java/rmi/server/UID lock
java/rmi/server/UID lastTime
java/rmi/server/UID lastCount
java/rmi/server/UID serialVersionUID
java/rmi/server/UID unique
java/rmi/server/UID time
java/rmi/server/UID count
java/rmi/server/UID <init>()V
java/rmi/server/UID <init>(S)V
java/rmi/server/UID <init>(IJS)V
java/rmi/server/UID hashCode()I
java/rmi/server/UID equals(Ljava/lang/Object;)Z
java/rmi/server/UID toString()Ljava/lang/String;
java/rmi/server/UID write(Ljava/io/DataOutput;)V
java/rmi/server/UID read(Ljava/io/DataInput;)Ljava/rmi/server/UID;
java/rmi/server/UID <clinit>()V
class java/rmi/server/UnicastRemoteObject java/rmi/server/RemoteServer
java/rmi/server/UnicastRemoteObject port
java/rmi/server/UnicastRemoteObject csf
java/rmi/server/UnicastRemoteObject ssf
java/rmi/server/UnicastRemoteObject serialVersionUID
java/rmi/server/UnicastRemoteObject <init>()V
java/rmi/server/UnicastRemoteObject
<init>(I)V
java/rmi/server/UnicastRemoteObject
<init>(ILjava/rmi/server/RMIClientSocketFactory;Ljava/rmi/server/RMIServerSocketFactory;)V
java/rmi/server/UnicastRemoteObject readObject(Ljava/io/ObjectInputStream;)V
java/rmi/server/UnicastRemoteObject clone()Ljava/lang/Object;
java/rmi/server/UnicastRemoteObject reexport()V
java/rmi/server/UnicastRemoteObject exportObject(Ljava/rmi/Remote;)Ljava/rmi/server/RemoteStub;
java/rmi/server/UnicastRemoteObject exportObject(Ljava/rmi/Remote;I)Ljava/rmi/Remote;
java/rmi/server/UnicastRemoteObject
exportObject(Ljava/rmi/Remote;ILjava/rmi/server/RMIClientSocketFactory;Ljava/rmi/server/RMIServerSocketFact
ory;)Ljava/rmi/Remote;
java/rmi/server/UnicastRemoteObject unexportObject(Ljava/rmi/Remote;Z)Z
java/rmi/server/UnicastRemoteObject
exportObject(Ljava/rmi/Remote;Lsun/rmi/server/UnicastServerRef;)Ljava/rmi/Remote;
class java/rmi/server/Unreferenced java/lang/Object
java/rmi/server/Unreferenced unreferenced()V
class java/security/AccessControlContext$1
java/lang/Object
java/security/AccessControlContext$1 val$db
java/security/AccessControlContext$1 val$pd
java/security/AccessControlContext$1 this$0
java/security/AccessControlContext$1
<init>(Ljava/security/AccessControlContext;Lsun/security/util/Debug;Ljava/security/ProtectionDomain;)V
java/security/AccessControlContext$1 run()Ljava/lang/Object;
class java/security/AccessControlException java/lang/SecurityException

java/security/AccessControlException serialVersionUID
java/security/AccessControlException perm
java/security/AccessControlException <init>(Ljava/lang/String;)V
java/security/AccessControlException <init>(Ljava/lang/String;Ljava/security/Permission;)V
java/security/AccessControlException getPermission()Ljava/security/Permission;
class java/security/AlgorithmParameterGenerator java/lang/Object
java/security/AlgorithmParameterGenerator provider
java/security/AlgorithmParameterGenerator paramGenSpi
java/security/AlgorithmParameterGenerator algorithm
java/security/AlgorithmParameterGenerator
<init>(Ljava/security/AlgorithmParameterGeneratorSpi;Ljava/security/Provider;Ljava/lang/String;)V
java/security/AlgorithmParameterGenerator getAlgorithm()Ljava/lang/String;
java/security/AlgorithmParameterGenerator
getInstance(Ljava/lang/String;)Ljava/security/AlgorithmParameterGenerator;
java/security/AlgorithmParameterGenerator
getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/AlgorithmParameterGenerator;
java/security/AlgorithmParameterGenerator
getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/AlgorithmParameterGenerator;
java/security/AlgorithmParameterGenerator getProvider()Ljava/security/Provider;
java/security/AlgorithmParameterGenerator init(I)V
java/security/AlgorithmParameterGenerator init(ILjava/security/SecureRandom;)V
java/security/AlgorithmParameterGenerator init(Ljava/security/spec/AlgorithmParameterSpec;)V
java/security/AlgorithmParameterGenerator
init(Ljava/security/spec/AlgorithmParameterSpec;Ljava/security/SecureRandom;)V
java/security/AlgorithmParameterGenerator
generateParameters()Ljava/security/AlgorithmParameters;
class java/security/AlgorithmParameterGeneratorSpi java/lang/Object
java/security/AlgorithmParameterGeneratorSpi <init>()V
java/security/AlgorithmParameterGeneratorSpi engineInit(ILjava/security/SecureRandom;)V
java/security/AlgorithmParameterGeneratorSpi
engineInit(Ljava/security/spec/AlgorithmParameterSpec;Ljava/security/SecureRandom;)V
java/security/AlgorithmParameterGeneratorSpi engineGenerateParameters()Ljava/security/AlgorithmParameters;
class java/security/AllPermissionCollection$1 java/lang/Object
java/security/AllPermissionCollection$1 hasMore
java/security/AllPermissionCollection$1 this$0
java/security/AllPermissionCollection$1 <init>(Ljava/security/AllPermissionCollection;)V
java/security/AllPermissionCollection$1 hasMoreElements()Z
java/security/AllPermissionCollection$1 nextElement()Ljava/lang/Object;
class java/security/AuthProvider java/security/Provider
java/security/AuthProvider
<init>(Ljava/lang/String;DLjava/lang/String;)V
java/security/AuthProvider login(Ljavax/security/auth/Subject;Ljavax/security/auth/callback/CallbackHandler;)V
java/security/AuthProvider logout()V
java/security/AuthProvider setCallbackHandler(Ljavax/security/auth/callback/CallbackHandler;)V
class java/security/Certificate java/lang/Object
java/security/Certificate getGuarantor()Ljava/security/Principal;
java/security/Certificate getPrincipal()Ljava/security/Principal;
java/security/Certificate getPublicKey()Ljava/security/PublicKey;

java/security/Certificate encode(Ljava/io/OutputStream;)V
java/security/Certificate decode(Ljava/io/InputStream;)V
java/security/Certificate getFormat()Ljava/lang/String;
java/security/Certificate toString(Z)Ljava/lang/String;
class java/security/DigestException java/security/GeneralSecurityException
java/security/DigestException serialVersionUID
java/security/DigestException <init>()V
java/security/DigestException <init>(Ljava/lang/String;)V
java/security/DigestException
 <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/DigestException <init>(Ljava/lang/Throwable;)V
class java/security/DigestInputStream java/io/FilterInputStream
java/security/DigestInputStream on
java/security/DigestInputStream digest
java/security/DigestInputStream <init>(Ljava/io/InputStream;Ljava/security/MessageDigest;)V
java/security/DigestInputStream getMessageDigest()Ljava/security/MessageDigest;
java/security/DigestInputStream setMessageDigest(Ljava/security/MessageDigest;)V
java/security/DigestInputStream read()I
java/security/DigestInputStream read([BII)I
java/security/DigestInputStream on(Z)V
java/security/DigestInputStream toString()Ljava/lang/String;
class java/security/DigestOutputStream java/io/FilterOutputStream
java/security/DigestOutputStream on
java/security/DigestOutputStream digest
java/security/DigestOutputStream <init>(Ljava/io/OutputStream;Ljava/security/MessageDigest;)V
java/security/DigestOutputStream
 getMessageDigest()Ljava/security/MessageDigest;
java/security/DigestOutputStream setMessageDigest(Ljava/security/MessageDigest;)V
java/security/DigestOutputStream write(I)V
java/security/DigestOutputStream write([BII)V
java/security/DigestOutputStream on(Z)V
java/security/DigestOutputStream toString()Ljava/lang/String;
class java/security/GuardedObject java/lang/Object
java/security/GuardedObject serialVersionUID
java/security/GuardedObject object
java/security/GuardedObject guard
java/security/GuardedObject <init>(Ljava/lang/Object;Ljava/security/Guard;)V
java/security/GuardedObject getObject()Ljava/lang/Object;
java/security/GuardedObject writeObject(Ljava/io/ObjectOutputStream;)V
class java/security/Identity java/lang/Object
java/security/Identity serialVersionUID
java/security/Identity name
java/security/Identity publicKey
java/security/Identity info
java/security/Identity scope
java/security/Identity certificates
java/security/Identity <init>()V
java/security/Identity <init>(Ljava/lang/String;Ljava/security/IdentityScope;)V

java/security/Identity
<init>(Ljava/lang/String;)V
java/security/Identity getName()Ljava/lang/String;
java/security/Identity getScope()Ljava/security/IdentityScope;
java/security/Identity getPublicKey()Ljava/security/PublicKey;
java/security/Identity setPublicKey(Ljava/security/PublicKey;)V
java/security/Identity setInfo(Ljava/lang/String;)V
java/security/Identity getInfo()Ljava/lang/String;
java/security/Identity addCertificate(Ljava/security/Certificate;)V
java/security/Identity keyEquals(Ljava/security/Key;Ljava/security/Key;)Z
java/security/Identity removeCertificate(Ljava/security/Certificate;)V
java/security/Identity certificates()[Ljava/security/Certificate;
java/security/Identity equals(Ljava/lang/Object;)Z
java/security/Identity identityEquals(Ljava/security/Identity;)Z
java/security/Identity fullName()Ljava/lang/String;
java/security/Identity toString()Ljava/lang/String;
java/security/Identity toString(Z)Ljava/lang/String;
java/security/Identity
printKeys()Ljava/lang/String;
java/security/Identity printCertificates()Ljava/lang/String;
java/security/Identity hashCode()I
java/security/Identity check(Ljava/lang/String;)V
class java/security/IdentityScope$1 java/lang/Object
java/security/IdentityScope$1 <init>()V
java/security/IdentityScope$1 run()Ljava/lang/Object;
class java/security/IdentityScope java/security/Identity
java/security/IdentityScope serialVersionUID
java/security/IdentityScope scope
java/security/IdentityScope initializeSystemScope()V
java/security/IdentityScope <init>()V
java/security/IdentityScope <init>(Ljava/lang/String;)V
java/security/IdentityScope <init>(Ljava/lang/String;Ljava/security/IdentityScope;)V
java/security/IdentityScope getSystemScope()Ljava/security/IdentityScope;
java/security/IdentityScope setSystemScope(Ljava/security/IdentityScope;)V
java/security/IdentityScope size()I
java/security/IdentityScope getIdentity(Ljava/lang/String;)Ljava/security/Identity;
java/security/IdentityScope
getIdentity(Ljava/security/Principal;)Ljava/security/Identity;
java/security/IdentityScope getIdentity(Ljava/security/PublicKey;)Ljava/security/Identity;
java/security/IdentityScope addIdentity(Ljava/security/Identity;)V
java/security/IdentityScope removeIdentity(Ljava/security/Identity;)V
java/security/IdentityScope identities()Ljava/util/Enumeration;
java/security/IdentityScope toString()Ljava/lang/String;
java/security/IdentityScope check(Ljava/lang/String;)V
class java/security/InvalidAlgorithmParameterException java/security/GeneralSecurityException
java/security/InvalidAlgorithmParameterException serialVersionUID
java/security/InvalidAlgorithmParameterException <init>()V
java/security/InvalidAlgorithmParameterException <init>(Ljava/lang/String;)V

java/security/InvalidAlgorithmParameterException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/InvalidAlgorithmParameterException <init>(Ljava/lang/Throwable;)V
class java/security/InvalidParameterException java/lang/IllegalArgumentException
java/security/InvalidParameterException
 serialVersionUID
java/security/InvalidParameterException <init>()V
java/security/InvalidParameterException <init>(Ljava/lang/String;)V
class java/security/KeyManagementException java/security/KeyException
java/security/KeyManagementException serialVersionUID
java/security/KeyManagementException <init>()V
java/security/KeyManagementException <init>(Ljava/lang/String;)V
java/security/KeyManagementException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/KeyManagementException <init>(Ljava/lang/Throwable;)V
class java/security/KeyPair java/lang/Object
java/security/KeyPair serialVersionUID
java/security/KeyPair privateKey
java/security/KeyPair publicKey
java/security/KeyPair <init>(Ljava/security/PublicKey;Ljava/security/PrivateKey;)V
java/security/KeyPair getPublic()Ljava/security/PublicKey;
java/security/KeyPair getPrivate()Ljava/security/PrivateKey;
class java/security/KeyPairGenerator$Delegate java/security/KeyPairGenerator
java/security/KeyPairGenerator$Delegate
 spi
java/security/KeyPairGenerator$Delegate lock
java/security/KeyPairGenerator$Delegate serviceIterator
java/security/KeyPairGenerator$Delegate I_NONE
java/security/KeyPairGenerator$Delegate I_SIZE
java/security/KeyPairGenerator$Delegate I_PARAMS
java/security/KeyPairGenerator$Delegate initType
java/security/KeyPairGenerator$Delegate initKeySize
java/security/KeyPairGenerator$Delegate initParams
java/security/KeyPairGenerator$Delegate initRandom
java/security/KeyPairGenerator$Delegate <init>(Ljava/security/KeyPairGeneratorSpi;Ljava/lang/String;)V
java/security/KeyPairGenerator$Delegate
<init>(Lsun/security/jca/GetInstance$Instance;Ljava/util/Iterator;Ljava/lang/String;)V
java/security/KeyPairGenerator$Delegate
nextSpi(Ljava/security/KeyPairGeneratorSpi;Z)Ljava/security/KeyPairGeneratorSpi;
java/security/KeyPairGenerator$Delegate disableFailover()V
java/security/KeyPairGenerator$Delegate initialize(ILjava/security/SecureRandom;)V
java/security/KeyPairGenerator$Delegate
 initialize(Ljava/security/spec/AlgorithmParameterSpec;Ljava/security/SecureRandom;)V
java/security/KeyPairGenerator$Delegate generateKeyPair()Ljava/security/KeyPair;
class java/security/KeyPairGenerator java/security/KeyPairGeneratorSpi
java/security/KeyPairGenerator algorithm
java/security/KeyPairGenerator provider
java/security/KeyPairGenerator <init>(Ljava/lang/String;)V
java/security/KeyPairGenerator getAlgorithm()Ljava/lang/String;
java/security/KeyPairGenerator

getInstance(Lsun/security/jca/GetInstance$Instance;Ljava/lang/String;)Ljava/security/KeyPairGenerator;
java/security/KeyPairGenerator getInstance(Ljava/lang/String;)Ljava/security/KeyPairGenerator;
java/security/KeyPairGenerator getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/KeyPairGenerator;
java/security/KeyPairGenerator
getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/KeyPairGenerator;
java/security/KeyPairGenerator getProvider()Ljava/security/Provider;
java/security/KeyPairGenerator
disableFailover()V
java/security/KeyPairGenerator initialize(I)V
java/security/KeyPairGenerator initialize(ILjava/security/SecureRandom;)V
java/security/KeyPairGenerator initialize(Ljava/security/spec/AlgorithmParameterSpec;)V
java/security/KeyPairGenerator
initialize(Ljava/security/spec/AlgorithmParameterSpec;Ljava/security/SecureRandom;)V
java/security/KeyPairGenerator genKeyPair()Ljava/security/KeyPair;
java/security/KeyPairGenerator generateKeyPair()Ljava/security/KeyPair;
class java/security/KeyPairGeneratorSpi java/lang/Object
java/security/KeyPairGeneratorSpi <init>()V
java/security/KeyPairGeneratorSpi initialize(ILjava/security/SecureRandom;)V
java/security/KeyPairGeneratorSpi
initialize(Ljava/security/spec/AlgorithmParameterSpec;Ljava/security/SecureRandom;)V
java/security/KeyPairGeneratorSpi generateKeyPair()Ljava/security/KeyPair;
class java/security/KeyRep$Type java/lang/Enum
java/security/KeyRep$Type SECRET
java/security/KeyRep$Type
PUBLIC
java/security/KeyRep$Type PRIVATE
java/security/KeyRep$Type $VALUES
java/security/KeyRep$Type values()[Ljava/security/KeyRep$Type;
java/security/KeyRep$Type valueOf(Ljava/lang/String;)Ljava/security/KeyRep$Type;
java/security/KeyRep$Type <init>(Ljava/lang/String;I)V
java/security/KeyRep$Type <clinit>()V
class java/security/KeyRep java/lang/Object
java/security/KeyRep serialVersionUID
java/security/KeyRep PKCS8
java/security/KeyRep X509
java/security/KeyRep RAW
java/security/KeyRep type
java/security/KeyRep algorithm
java/security/KeyRep format
java/security/KeyRep encoded
java/security/KeyRep <init>(Ljava/security/KeyRep$Type;Ljava/lang/String;Ljava/lang/String;[B)V
java/security/KeyRep readResolve()Ljava/lang/Object;
class java/security/KeyStore$1 java/lang/Object
java/security/KeyStore$1 <init>()V
java/security/KeyStore$1 run()Ljava/lang/Object;
class java/security/KeyStore$Builder$1 java/security/KeyStore$Builder
java/security/KeyStore$Builder$1 getCalled
java/security/KeyStore$Builder$1

val$keyStore
java/security/KeyStore$Builder$1 val$protectionParameter
java/security/KeyStore$Builder$1 <init>(Ljava/security/KeyStore;Ljava/security/KeyStore$ProtectionParameter;)V
java/security/KeyStore$Builder$1 getKeyStore()Ljava/security/KeyStore;
java/security/KeyStore$Builder$1
getProtectionParameter(Ljava/lang/String;)Ljava/security/KeyStore$ProtectionParameter;
class java/security/KeyStore$Builder$2$1 java/lang/Object
java/security/KeyStore$Builder$2$1 this$0
java/security/KeyStore$Builder$2$1 <init>(Ljava/security/KeyStore$Builder$2;)V
java/security/KeyStore$Builder$2$1 run()Ljava/lang/Object;
class java/security/KeyStore$Builder$2 java/security/KeyStore$Builder
java/security/KeyStore$Builder$2 getCalled
java/security/KeyStore$Builder$2 action
java/security/KeyStore$Builder$2 val$provider
java/security/KeyStore$Builder$2 val$type
java/security/KeyStore$Builder$2 val$protection
java/security/KeyStore$Builder$2
<init>(Ljava/security/Provider;Ljava/lang/String;Ljava/security/KeyStore$ProtectionParameter;)V
java/security/KeyStore$Builder$2
getKeyStore()Ljava/security/KeyStore;
java/security/KeyStore$Builder$2
getProtectionParameter(Ljava/lang/String;)Ljava/security/KeyStore$ProtectionParameter;
java/security/KeyStore$Builder$2 access$502(Ljava/security/KeyStore$Builder$2;Z)Z
class java/security/KeyStore$Builder$FileBuilder$1 java/lang/Object
java/security/KeyStore$Builder$FileBuilder$1 this$0
java/security/KeyStore$Builder$FileBuilder$1 <init>(Ljava/security/KeyStore$Builder$FileBuilder;)V
java/security/KeyStore$Builder$FileBuilder$1 run()Ljava/lang/Object;
class java/security/KeyStore$Builder$FileBuilder java/security/KeyStore$Builder
java/security/KeyStore$Builder$FileBuilder type
java/security/KeyStore$Builder$FileBuilder provider
java/security/KeyStore$Builder$FileBuilder file
java/security/KeyStore$Builder$FileBuilder protection
java/security/KeyStore$Builder$FileBuilder context
java/security/KeyStore$Builder$FileBuilder keyStore
java/security/KeyStore$Builder$FileBuilder
oldException
java/security/KeyStore$Builder$FileBuilder
<init>(Ljava/lang/String;Ljava/security/Provider;Ljava/io/File;Ljava/security/KeyStore$ProtectionParameter;Ljava/
security/AccessControlContext;)V
java/security/KeyStore$Builder$FileBuilder getKeyStore()Ljava/security/KeyStore;
java/security/KeyStore$Builder$FileBuilder
getProtectionParameter(Ljava/lang/String;)Ljava/security/KeyStore$ProtectionParameter;
java/security/KeyStore$Builder$FileBuilder
access$100(Ljava/security/KeyStore$Builder$FileBuilder;)Ljava/security/Provider;
java/security/KeyStore$Builder$FileBuilder
access$200(Ljava/security/KeyStore$Builder$FileBuilder;)Ljava/lang/String;
java/security/KeyStore$Builder$FileBuilder
access$300(Ljava/security/KeyStore$Builder$FileBuilder;)Ljava/io/File;

java/security/KeyStore$Builder$FileBuilder
access$400(Ljava/security/KeyStore$Builder$FileBuilder;)Ljava/security/KeyStore$ProtectionParameter;
java/security/KeyStore$Builder$FileBuilder
access$402(Ljava/security/KeyStore$Builder$FileBuilder;Ljava/security/KeyStore$ProtectionParameter;)Ljava/security/KeyStore$ProtectionParameter;
class
java/security/KeyStore$Builder java/lang/Object
java/security/KeyStore$Builder <init>()V
java/security/KeyStore$Builder getKeyStore()Ljava/security/KeyStore;
java/security/KeyStore$Builder
getProtectionParameter(Ljava/lang/String;)Ljava/security/KeyStore$ProtectionParameter;
java/security/KeyStore$Builder
newInstance(Ljava/security/KeyStore;Ljava/security/KeyStore$ProtectionParameter;)Ljava/security/KeyStore$Builder;
java/security/KeyStore$Builder
newInstance(Ljava/lang/String;Ljava/security/Provider;Ljava/io/File;Ljava/security/KeyStore$ProtectionParameter;)Ljava/security/KeyStore$Builder;
java/security/KeyStore$Builder
newInstance(Ljava/lang/String;Ljava/security/Provider;Ljava/security/KeyStore$ProtectionParameter;)Ljava/security/KeyStore$Builder;
class java/security/KeyStore$CallbackHandlerProtection java/lang/Object
java/security/KeyStore$CallbackHandlerProtection
handler
java/security/KeyStore$CallbackHandlerProtection <init>(Ljavax/security/auth/callback/CallbackHandler;)V
java/security/KeyStore$CallbackHandlerProtection
getCallbackHandler()Ljavax/security/auth/callback/CallbackHandler;
class java/security/KeyStore$Entry java/lang/Object
class java/security/KeyStore$LoadStoreParameter java/lang/Object
java/security/KeyStore$LoadStoreParameter
getProtectionParameter()Ljava/security/KeyStore$ProtectionParameter;
class java/security/KeyStore$PasswordProtection java/lang/Object
java/security/KeyStore$PasswordProtection password
java/security/KeyStore$PasswordProtection destroyed
java/security/KeyStore$PasswordProtection <init>([C)V
java/security/KeyStore$PasswordProtection getPassword()[C
java/security/KeyStore$PasswordProtection destroy()V
java/security/KeyStore$PasswordProtection isDestroyed()Z
class java/security/KeyStore$PrivateKeyEntry java/lang/Object
java/security/KeyStore$PrivateKeyEntry privKey
java/security/KeyStore$PrivateKeyEntry
chain
java/security/KeyStore$PrivateKeyEntry <init>(Ljava/security/PrivateKey;[Ljava/security/cert/Certificate;)V
java/security/KeyStore$PrivateKeyEntry getPrivateKey()Ljava/security/PrivateKey;
java/security/KeyStore$PrivateKeyEntry getCertificateChain()[Ljava/security/cert/Certificate;
java/security/KeyStore$PrivateKeyEntry getCertificate()Ljava/security/cert/Certificate;
java/security/KeyStore$PrivateKeyEntry toString()Ljava/lang/String;
class java/security/KeyStore$ProtectionParameter java/lang/Object
class java/security/KeyStore$SecretKeyEntry java/lang/Object

java/security/KeyStore$SecretKeyEntry sKey
java/security/KeyStore$SecretKeyEntry <init>(Ljavax/crypto/SecretKey;)V
java/security/KeyStore$SecretKeyEntry getSecretKey()Ljavax/crypto/SecretKey;
java/security/KeyStore$SecretKeyEntry toString()Ljava/lang/String;
class java/security/KeyStore$SimpleLoadStoreParameter java/lang/Object
java/security/KeyStore$SimpleLoadStoreParameter protection
java/security/KeyStore$SimpleLoadStoreParameter
<init>(Ljava/security/KeyStore$ProtectionParameter;)V
java/security/KeyStore$SimpleLoadStoreParameter
getProtectionParameter()Ljava/security/KeyStore$ProtectionParameter;
class java/security/KeyStore$TrustedCertificateEntry java/lang/Object
java/security/KeyStore$TrustedCertificateEntry cert
java/security/KeyStore$TrustedCertificateEntry <init>(Ljava/security/cert/Certificate;)V
java/security/KeyStore$TrustedCertificateEntry getTrustedCertificate()Ljava/security/cert/Certificate;
java/security/KeyStore$TrustedCertificateEntry toString()Ljava/lang/String;
class java/security/KeyStore java/lang/Object
java/security/KeyStore KEYSTORE_TYPE
java/security/KeyStore type
java/security/KeyStore provider
java/security/KeyStore keyStoreSpi
java/security/KeyStore initialized
java/security/KeyStore <init>(Ljava/security/KeyStoreSpi;Ljava/security/Provider;Ljava/lang/String;)V
java/security/KeyStore getInstance(Ljava/lang/String;)Ljava/security/KeyStore;
java/security/KeyStore
getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/KeyStore;
java/security/KeyStore getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/KeyStore;
java/security/KeyStore getDefaultType()Ljava/lang/String;
java/security/KeyStore getProvider()Ljava/security/Provider;
java/security/KeyStore getType()Ljava/lang/String;
java/security/KeyStore getKey(Ljava/lang/String;[C)Ljava/security/Key;
java/security/KeyStore getCertificateChain(Ljava/lang/String;)[Ljava/security/cert/Certificate;
java/security/KeyStore getCertificate(Ljava/lang/String;)Ljava/security/cert/Certificate;
java/security/KeyStore getCreationDate(Ljava/lang/String;)Ljava/util/Date;
java/security/KeyStore setKeyEntry(Ljava/lang/String;Ljava/security/Key;[C[Ljava/security/cert/Certificate;)V
java/security/KeyStore setKeyEntry(Ljava/lang/String;[B[Ljava/security/cert/Certificate;)V
java/security/KeyStore setCertificateEntry(Ljava/lang/String;Ljava/security/cert/Certificate;)V
java/security/KeyStore
deleteEntry(Ljava/lang/String;)V
java/security/KeyStore aliases()Ljava/util/Enumeration;
java/security/KeyStore containsAlias(Ljava/lang/String;)Z
java/security/KeyStore size()I
java/security/KeyStore isKeyEntry(Ljava/lang/String;)Z
java/security/KeyStore isCertificateEntry(Ljava/lang/String;)Z
java/security/KeyStore getCertificateAlias(Ljava/security/cert/Certificate;)Ljava/lang/String;
java/security/KeyStore store(Ljava/io/OutputStream;[C)V
java/security/KeyStore store(Ljava/security/KeyStore$LoadStoreParameter;)V
java/security/KeyStore load(Ljava/io/InputStream;[C)V
java/security/KeyStore load(Ljava/security/KeyStore$LoadStoreParameter;)V

java/security/KeyStore
getEntry(Ljava/lang/String;Ljava/security/KeyStore$ProtectionParameter;)Ljava/security/KeyStore$Entry;
java/security/KeyStore
setEntry(Ljava/lang/String;Ljava/security/KeyStore$Entry;Ljava/security/KeyStore$ProtectionParameter;)V
java/security/KeyStore entryInstanceOf(Ljava/lang/String;Ljava/lang/Class;)Z
java/security/KeyStore
access$000(Ljava/security/KeyStore;)Z
class java/security/KeyStoreException java/security/GeneralSecurityException
java/security/KeyStoreException serialVersionUID
java/security/KeyStoreException <init>()V
java/security/KeyStoreException <init>(Ljava/lang/String;)V
java/security/KeyStoreException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/KeyStoreException <init>(Ljava/lang/Throwable;)V
class java/security/KeyStoreSpi java/lang/Object
java/security/KeyStoreSpi <init>()V
java/security/KeyStoreSpi engineGetKey(Ljava/lang/String;[C)Ljava/security/Key;
java/security/KeyStoreSpi engineGetCertificateChain(Ljava/lang/String;)[Ljava/security/cert/Certificate;
java/security/KeyStoreSpi engineGetCertificate(Ljava/lang/String;)Ljava/security/cert/Certificate;
java/security/KeyStoreSpi engineGetCreationDate(Ljava/lang/String;)Ljava/util/Date;
java/security/KeyStoreSpi
engineSetKeyEntry(Ljava/lang/String;Ljava/security/Key;[C[Ljava/security/cert/Certificate;)V
java/security/KeyStoreSpi
engineSetKeyEntry(Ljava/lang/String;[B[Ljava/security/cert/Certificate;)V
java/security/KeyStoreSpi engineSetCertificateEntry(Ljava/lang/String;Ljava/security/cert/Certificate;)V
java/security/KeyStoreSpi engineDeleteEntry(Ljava/lang/String;)V
java/security/KeyStoreSpi engineAliases()Ljava/util/Enumeration;
java/security/KeyStoreSpi engineContainsAlias(Ljava/lang/String;)Z
java/security/KeyStoreSpi engineSize()I
java/security/KeyStoreSpi engineIsKeyEntry(Ljava/lang/String;)Z
java/security/KeyStoreSpi engineIsCertificateEntry(Ljava/lang/String;)Z
java/security/KeyStoreSpi engineGetCertificateAlias(Ljava/security/cert/Certificate;)Ljava/lang/String;
java/security/KeyStoreSpi engineStore(Ljava/io/OutputStream;[C)V
java/security/KeyStoreSpi engineStore(Ljava/security/KeyStore$LoadStoreParameter;)V
java/security/KeyStoreSpi engineLoad(Ljava/io/InputStream;[C)V
java/security/KeyStoreSpi engineLoad(Ljava/security/KeyStore$LoadStoreParameter;)V
java/security/KeyStoreSpi
engineGetEntry(Ljava/lang/String;Ljava/security/KeyStore$ProtectionParameter;)Ljava/security/KeyStore$Entry;
java/security/KeyStoreSpi
engineSetEntry(Ljava/lang/String;Ljava/security/KeyStore$Entry;Ljava/security/KeyStore$ProtectionParameter;)V
java/security/KeyStoreSpi engineEntryInstanceOf(Ljava/lang/String;Ljava/lang/Class;)Z
class java/security/NoSuchProviderException java/security/GeneralSecurityException
java/security/NoSuchProviderException serialVersionUID
java/security/NoSuchProviderException <init>()V
java/security/NoSuchProviderException <init>(Ljava/lang/String;)V
class java/security/PermissionsHash java/security/PermissionCollection
java/security/PermissionsHash permsMap
java/security/PermissionsHash serialVersionUID
java/security/PermissionsHash serialPersistentFields

java/security/PermissionsHash <init>()V
java/security/PermissionsHash add(Ljava/security/Permission;)V
java/security/PermissionsHash implies(Ljava/security/Permission;)Z
java/security/PermissionsHash elements()Ljava/util/Enumeration;
java/security/PermissionsHash
writeObject(Ljava/io/ObjectOutputStream;)V
java/security/PermissionsHash readObject(Ljava/io/ObjectInputStream;)V
java/security/PermissionsHash <clinit>()V
class java/security/Policy$2 java/lang/Object
java/security/Policy$2 val$pc
java/security/Policy$2 <init>(Ljava/lang/String;)V
java/security/Policy$2 run()Ljava/lang/Object;
class java/security/Policy$3 java/lang/Object
java/security/Policy$3 val$p
java/security/Policy$3 <init>(Ljava/security/Policy;)V
java/security/Policy$3 run()Ljava/lang/Object;
class java/security/ProtectionDomain$1 java/lang/Object
java/security/ProtectionDomain$1 this$0
java/security/ProtectionDomain$1 <init>(Ljava/security/ProtectionDomain;)V
java/security/ProtectionDomain$1 run()Ljava/lang/Object;
class java/security/Provider$1 java/lang/Object
class java/security/Provider$EngineDescription java/lang/Object
java/security/Provider$EngineDescription name
java/security/Provider$EngineDescription constructor
java/security/Provider$EngineDescription
supportsParameter
java/security/Provider$EngineDescription <init>(Ljava/lang/String;ZZ)V
class java/security/Provider$UString java/lang/Object
java/security/Provider$UString string
java/security/Provider$UString lowerString
java/security/Provider$UString <init>(Ljava/lang/String;)V
java/security/Provider$UString hashCode()I
java/security/Provider$UString equals(Ljava/lang/Object;)Z
java/security/Provider$UString toString()Ljava/lang/String;
class java/security/ProviderException java/lang/RuntimeException
java/security/ProviderException serialVersionUID
java/security/ProviderException <init>()V
java/security/ProviderException <init>(Ljava/lang/String;)V
java/security/ProviderException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/ProviderException <init>(Ljava/lang/Throwable;)V
class java/security/SecureRandom java/util/Random
java/security/SecureRandom provider
java/security/SecureRandom secureRandomSpi
java/security/SecureRandom
algorithm
java/security/SecureRandom seedGenerator
java/security/SecureRandom serialVersionUID
java/security/SecureRandom state

java/security/SecureRandom digest
java/security/SecureRandom randomBytes
java/security/SecureRandom randomBytesUsed
java/security/SecureRandom counter
java/security/SecureRandom <init>()V
java/security/SecureRandom <init>([B)V
java/security/SecureRandom getDefaultPRNG(Z[B)V
java/security/SecureRandom <init>(Ljava/security/SecureRandomSpi;Ljava/security/Provider;)V
java/security/SecureRandom <init>(Ljava/security/SecureRandomSpi;Ljava/security/Provider;Ljava/lang/String;)V
java/security/SecureRandom getInstance(Ljava/lang/String;)Ljava/security/SecureRandom;
java/security/SecureRandom getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/SecureRandom;
java/security/SecureRandom getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/SecureRandom;
java/security/SecureRandom getSecureRandomSpi()Ljava/security/SecureRandomSpi;
java/security/SecureRandom
getProvider()Ljava/security/Provider;
java/security/SecureRandom getAlgorithm()Ljava/lang/String;
java/security/SecureRandom setSeed([B)V
java/security/SecureRandom setSeed(J)V
java/security/SecureRandom nextBytes([B)V
java/security/SecureRandom next(I)I
java/security/SecureRandom getSeed(I)[B
java/security/SecureRandom generateSeed(I)[B
java/security/SecureRandom longToByteArray(J)[B
java/security/SecureRandom getPrngAlgorithm()Ljava/lang/String;
java/security/SecureRandom <clinit>()V
class java/security/SecureRandomSpi java/lang/Object
java/security/SecureRandomSpi serialVersionUID
java/security/SecureRandomSpi <init>()V
java/security/SecureRandomSpi engineSetSeed([B)V
java/security/SecureRandomSpi engineNextBytes([B)V
java/security/SecureRandomSpi engineGenerateSeed(I)[B
class java/security/Security$2 java/lang/Object
java/security/Security$2 val$pa
java/security/Security$2 <init>(Z)V
java/security/Security$2 run()Ljava/lang/Object;
class java/security/Security$ProviderProperty
java/lang/Object
java/security/Security$ProviderProperty className
java/security/Security$ProviderProperty provider
java/security/Security$ProviderProperty <init>()V
java/security/Security$ProviderProperty <init>(Ljava/security/Security$1;)V
class java/security/Signature$CipherAdapter java/security/SignatureSpi
java/security/Signature$CipherAdapter cipher
java/security/Signature$CipherAdapter data
java/security/Signature$CipherAdapter <init>(Ljavax/crypto/Cipher;)V
java/security/Signature$CipherAdapter engineInitVerify(Ljava/security/PublicKey;)V
java/security/Signature$CipherAdapter engineInitSign(Ljava/security/PrivateKey;)V
java/security/Signature$CipherAdapter engineInitSign(Ljava/security/PrivateKey;Ljava/security/SecureRandom;)V

java/security/Signature$CipherAdapter engineUpdate(B)V
java/security/Signature$CipherAdapter engineUpdate([BII)V
java/security/Signature$CipherAdapter engineSign()[B
java/security/Signature$CipherAdapter engineVerify([B)Z
java/security/Signature$CipherAdapter
engineSetParameter(Ljava/lang/String;Ljava/lang/Object;)V
java/security/Signature$CipherAdapter engineGetParameter(Ljava/lang/String;)Ljava/lang/Object;
class java/security/SignedObject java/lang/Object
java/security/SignedObject serialVersionUID
java/security/SignedObject content
java/security/SignedObject signature
java/security/SignedObject thealgorithm
java/security/SignedObject <init>(Ljava/io/Serializable;Ljava/security/PrivateKey;Ljava/security/Signature;)V
java/security/SignedObject getObject()Ljava/lang/Object;
java/security/SignedObject getSignature()[B
java/security/SignedObject getAlgorithm()Ljava/lang/String;
java/security/SignedObject verify(Ljava/security/PublicKey;Ljava/security/Signature;)Z
java/security/SignedObject sign(Ljava/security/PrivateKey;Ljava/security/Signature;)V
java/security/SignedObject readObject(Ljava/io/ObjectInputStream;)V
class java/security/Signer$1 java/lang/Object
java/security/Signer$1 val$pub
java/security/Signer$1 this$0
java/security/Signer$1
<init>(Ljava/security/Signer;Ljava/security/PublicKey;)V
java/security/Signer$1 run()Ljava/lang/Object;
class java/security/Signer java/security/Identity
java/security/Signer serialVersionUID
java/security/Signer privateKey
java/security/Signer <init>()V
java/security/Signer <init>(Ljava/lang/String;)V
java/security/Signer <init>(Ljava/lang/String;Ljava/security/IdentityScope;)V
java/security/Signer getPrivateKey()Ljava/security/PrivateKey;
java/security/Signer setKeyPair(Ljava/security/KeyPair;)V
java/security/Signer printKeys()Ljava/lang/String;
java/security/Signer toString()Ljava/lang/String;
java/security/Signer check(Ljava/lang/String;)V
class java/security/Timestamp java/lang/Object
java/security/Timestamp serialVersionUID
java/security/Timestamp timestamp
java/security/Timestamp signerCertPath
java/security/Timestamp myhash
java/security/Timestamp <init>(Ljava/util/Date;Ljava/security/cert/CertPath;)V
java/security/Timestamp getTimestamp()Ljava/util/Date;
java/security/Timestamp
getSignerCertPath()Ljava/security/cert/CertPath;
java/security/Timestamp hashCode()I
java/security/Timestamp equals(Ljava/lang/Object;)Z
java/security/Timestamp toString()Ljava/lang/String;

class java/security/UnrecoverableEntryException java/security/GeneralSecurityException
java/security/UnrecoverableEntryException serialVersionUID
java/security/UnrecoverableEntryException <init>()V
java/security/UnrecoverableEntryException <init>(Ljava/lang/String;)V
class java/security/UnrecoverableKeyException java/security/GeneralSecurityException
java/security/UnrecoverableKeyException serialVersionUID
java/security/UnrecoverableKeyException <init>()V
java/security/UnrecoverableKeyException <init>(Ljava/lang/String;)V
class java/security/UnresolvedPermissionCollection java/security/PermissionCollection
java/security/UnresolvedPermissionCollection perms
java/security/UnresolvedPermissionCollection serialVersionUID
java/security/UnresolvedPermissionCollection serialPersistentFields
java/security/UnresolvedPermissionCollection
<init>()V
java/security/UnresolvedPermissionCollection add(Ljava/security/Permission;)V
java/security/UnresolvedPermissionCollection
getUnresolvedPermissions(Ljava/security/Permission;)Ljava/util/List;
java/security/UnresolvedPermissionCollection implies(Ljava/security/Permission;)Z
java/security/UnresolvedPermissionCollection elements()Ljava/util/Enumeration;
java/security/UnresolvedPermissionCollection writeObject(Ljava/io/ObjectOutputStream;)V
java/security/UnresolvedPermissionCollection readObject(Ljava/io/ObjectInputStream;)V
java/security/UnresolvedPermissionCollection <clinit>()V
class java/security/acl/Acl java/lang/Object
java/security/acl/Acl setName(Ljava/security/Principal;Ljava/lang/String;)V
java/security/acl/Acl getName()Ljava/lang/String;
java/security/acl/Acl addEntry(Ljava/security/Principal;Ljava/security/acl/AclEntry;)Z
java/security/acl/Acl removeEntry(Ljava/security/Principal;Ljava/security/acl/AclEntry;)Z
java/security/acl/Acl
getPermissions(Ljava/security/Principal;)Ljava/util/Enumeration;
java/security/acl/Acl entries()Ljava/util/Enumeration;
java/security/acl/Acl checkPermission(Ljava/security/Principal;Ljava/security/acl/Permission;)Z
java/security/acl/Acl toString()Ljava/lang/String;
class java/security/acl/AclEntry java/lang/Object
java/security/acl/AclEntry setPrincipal(Ljava/security/Principal;)Z
java/security/acl/AclEntry getPrincipal()Ljava/security/Principal;
java/security/acl/AclEntry setNegativePermissions()V
java/security/acl/AclEntry isNegative()Z
java/security/acl/AclEntry addPermission(Ljava/security/acl/Permission;)Z
java/security/acl/AclEntry removePermission(Ljava/security/acl/Permission;)Z
java/security/acl/AclEntry checkPermission(Ljava/security/acl/Permission;)Z
java/security/acl/AclEntry permissions()Ljava/util/Enumeration;
java/security/acl/AclEntry toString()Ljava/lang/String;
java/security/acl/AclEntry clone()Ljava/lang/Object;
class java/security/acl/AclNotFoundException
java/lang/Exception
java/security/acl/AclNotFoundException serialVersionUID
java/security/acl/AclNotFoundException <init>()V
class java/security/acl/Group java/lang/Object

java/security/acl/Group addMember(Ljava/security/Principal;)Z
java/security/acl/Group removeMember(Ljava/security/Principal;)Z
java/security/acl/Group isMember(Ljava/security/Principal;)Z
java/security/acl/Group members()Ljava/util/Enumeration;
class java/security/acl/LastOwnerException java/lang/Exception
java/security/acl/LastOwnerException serialVersionUID
java/security/acl/LastOwnerException <init>()V
class java/security/acl/NotOwnerException java/lang/Exception
java/security/acl/NotOwnerException serialVersionUID
java/security/acl/NotOwnerException <init>()V
class java/security/acl/Owner java/lang/Object
java/security/acl/Owner addOwner(Ljava/security/Principal;Ljava/security/Principal;)Z
java/security/acl/Owner deleteOwner(Ljava/security/Principal;Ljava/security/Principal;)Z
java/security/acl/Owner isOwner(Ljava/security/Principal;)Z
class
java/security/acl/Permission java/lang/Object
java/security/acl/Permission equals(Ljava/lang/Object;)Z
java/security/acl/Permission toString()Ljava/lang/String;
class java/security/cert/CRL java/lang/Object
java/security/cert/CRL type
java/security/cert/CRL <init>(Ljava/lang/String;)V
java/security/cert/CRL getType()Ljava/lang/String;
java/security/cert/CRL toString()Ljava/lang/String;
java/security/cert/CRL isRevoked(Ljava/security/cert/Certificate;)Z
class java/security/cert/CRLException java/security/GeneralSecurityException
java/security/cert/CRLException serialVersionUID
java/security/cert/CRLException <init>()V
java/security/cert/CRLException <init>(Ljava/lang/String;)V
java/security/cert/CRLException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/cert/CRLException <init>(Ljava/lang/Throwable;)V
class java/security/cert/CRLSelector java/lang/Object
java/security/cert/CRLSelector match(Ljava/security/cert/CRL;)Z
java/security/cert/CRLSelector
clone()Ljava/lang/Object;
class java/security/cert/CertPath$CertPathRep java/lang/Object
java/security/cert/CertPath$CertPathRep serialVersionUID
java/security/cert/CertPath$CertPathRep type
java/security/cert/CertPath$CertPathRep data
java/security/cert/CertPath$CertPathRep <init>(Ljava/lang/String;[B)V
java/security/cert/CertPath$CertPathRep readResolve()Ljava/lang/Object;
class java/security/cert/CertPathBuilder$1 java/lang/Object
java/security/cert/CertPathBuilder$1 <init>()V
java/security/cert/CertPathBuilder$1 run()Ljava/lang/Object;
class java/security/cert/CertPathBuilder java/lang/Object
java/security/cert/CertPathBuilder CPB_TYPE
java/security/cert/CertPathBuilder debug
java/security/cert/CertPathBuilder builderSpi
java/security/cert/CertPathBuilder provider

java/security/cert/CertPathBuilder algorithm
java/security/cert/CertPathBuilder
<init>(Ljava/security/cert/CertPathBuilderSpi;Ljava/security/Provider;Ljava/lang/String;)V
java/security/cert/CertPathBuilder getInstance(Ljava/lang/String;)Ljava/security/cert/CertPathBuilder;
java/security/cert/CertPathBuilder
getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/cert/CertPathBuilder;
java/security/cert/CertPathBuilder
getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/cert/CertPathBuilder;
java/security/cert/CertPathBuilder getProvider()Ljava/security/Provider;
java/security/cert/CertPathBuilder getAlgorithm()Ljava/lang/String;
java/security/cert/CertPathBuilder
build(Ljava/security/cert/CertPathParameters;)Ljava/security/cert/CertPathBuilderResult;
java/security/cert/CertPathBuilder getDefaultType()Ljava/lang/String;
java/security/cert/CertPathBuilder <clinit>()V
class java/security/cert/CertPathBuilderException java/security/GeneralSecurityException
java/security/cert/CertPathBuilderException serialVersionUID
java/security/cert/CertPathBuilderException <init>()V
java/security/cert/CertPathBuilderException <init>(Ljava/lang/String;)V
java/security/cert/CertPathBuilderException
<init>(Ljava/lang/Throwable;)V
java/security/cert/CertPathBuilderException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
class java/security/cert/CertPathBuilderResult java/lang/Object
java/security/cert/CertPathBuilderResult getCertPath()Ljava/security/cert/CertPath;
java/security/cert/CertPathBuilderResult clone()Ljava/lang/Object;
class java/security/cert/CertPathBuilderSpi java/lang/Object
java/security/cert/CertPathBuilderSpi <init>()V
java/security/cert/CertPathBuilderSpi
engineBuild(Ljava/security/cert/CertPathParameters;)Ljava/security/cert/CertPathBuilderResult;
class java/security/cert/CertPathHelperImpl sun/security/provider/certpath/CertPathHelper
java/security/cert/CertPathHelperImpl <init>()V
java/security/cert/CertPathHelperImpl initialize()V
java/security/cert/CertPathHelperImpl
implSetSubject(Ljava/security/cert/X509CertSelector;Ljavax/security/auth/x500/X500Principal;)V
java/security/cert/CertPathHelperImpl
implGetSubject(Ljava/security/cert/X509CertSelector;)Ljavax/security/auth/x500/X500Principal;
java/security/cert/CertPathHelperImpl
implSetIssuer(Ljava/security/cert/X509CertSelector;Ljavax/security/auth/x500/X500Principal;)V
java/security/cert/CertPathHelperImpl
implGetIssuer(Ljava/security/cert/X509CertSelector;)Ljavax/security/auth/x500/X500Principal;
java/security/cert/CertPathHelperImpl
implGetCA(Ljava/security/cert/TrustAnchor;)Ljavax/security/auth/x500/X500Principal;
java/security/cert/CertPathHelperImpl implSetPathToNames(Ljava/security/cert/X509CertSelector;Ljava/util/Set;)V
java/security/cert/CertPathHelperImpl
implAddIssuer(Ljava/security/cert/X509CRLSelector;Ljavax/security/auth/x500/X500Principal;)V
java/security/cert/CertPathHelperImpl implGetIssuers(Ljava/security/cert/X509CRLSelector;)Ljava/util/Collection;
class java/security/cert/CertPathParameters java/lang/Object
java/security/cert/CertPathParameters clone()Ljava/lang/Object;
class java/security/cert/CertPathValidator$1 java/lang/Object

java/security/cert/CertPathValidator$1
<init>()V
java/security/cert/CertPathValidator$1 run()Ljava/lang/Object;
class java/security/cert/CertPathValidator java/lang/Object
java/security/cert/CertPathValidator CPV_TYPE
java/security/cert/CertPathValidator debug
java/security/cert/CertPathValidator validatorSpi
java/security/cert/CertPathValidator provider
java/security/cert/CertPathValidator algorithm
java/security/cert/CertPathValidator
<init>(Ljava/security/cert/CertPathValidatorSpi;Ljava/security/Provider;Ljava/lang/String;)V
java/security/cert/CertPathValidator getInstance(Ljava/lang/String;)Ljava/security/cert/CertPathValidator;
java/security/cert/CertPathValidator
getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/cert/CertPathValidator;
java/security/cert/CertPathValidator
getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/cert/CertPathValidator;
java/security/cert/CertPathValidator getProvider()Ljava/security/Provider;
java/security/cert/CertPathValidator getAlgorithm()Ljava/lang/String;
java/security/cert/CertPathValidator
validate(Ljava/security/cert/CertPath;Ljava/security/cert/CertPathParameters;)Ljava/security/cert/CertPathValidator
Result;
java/security/cert/CertPathValidator getDefaultType()Ljava/lang/String;
java/security/cert/CertPathValidator <clinit>()V
class java/security/cert/CertPathValidatorException java/security/GeneralSecurityException
java/security/cert/CertPathValidatorException serialVersionUID
java/security/cert/CertPathValidatorException index
java/security/cert/CertPathValidatorException certPath
java/security/cert/CertPathValidatorException <init>()V
java/security/cert/CertPathValidatorException <init>(Ljava/lang/String;)V
java/security/cert/CertPathValidatorException <init>(Ljava/lang/Throwable;)V
java/security/cert/CertPathValidatorException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/cert/CertPathValidatorException
<init>(Ljava/lang/String;Ljava/lang/Throwable;Ljava/security/cert/CertPath;I)V
java/security/cert/CertPathValidatorException
getCertPath()Ljava/security/cert/CertPath;
java/security/cert/CertPathValidatorException getIndex()I
class java/security/cert/CertPathValidatorResult java/lang/Object
java/security/cert/CertPathValidatorResult clone()Ljava/lang/Object;
class java/security/cert/CertPathValidatorSpi java/lang/Object
java/security/cert/CertPathValidatorSpi <init>()V
java/security/cert/CertPathValidatorSpi
engineValidate(Ljava/security/cert/CertPath;Ljava/security/cert/CertPathParameters;)Ljava/security/cert/CertPathVa
lidatorResult;
class java/security/cert/CertSelector java/lang/Object
java/security/cert/CertSelector match(Ljava/security/cert/Certificate;)Z
java/security/cert/CertSelector clone()Ljava/lang/Object;
class java/security/cert/CertStore$1 java/lang/Object
java/security/cert/CertStore$1 <init>()V

java/security/cert/CertStore$1 run()Ljava/lang/Object;
class java/security/cert/CertStore java/lang/Object
java/security/cert/CertStore CERTSTORE_TYPE
java/security/cert/CertStore
 storeSpi
java/security/cert/CertStore provider
java/security/cert/CertStore type
java/security/cert/CertStore params
java/security/cert/CertStore
<init>(Ljava/security/cert/CertStoreSpi;Ljava/security/Provider;Ljava/lang/String;Ljava/security/cert/CertStoreParameters;)V
java/security/cert/CertStore getCertificates(Ljava/security/cert/CertSelector;)Ljava/util/Collection;
java/security/cert/CertStore getCRLs(Ljava/security/cert/CRLSelector;)Ljava/util/Collection;
java/security/cert/CertStore
getInstance(Ljava/lang/String;Ljava/security/cert/CertStoreParameters;)Ljava/security/cert/CertStore;
java/security/cert/CertStore
handleException(Ljava/security/NoSuchAlgorithmException;)Ljava/security/cert/CertStore;
java/security/cert/CertStore
getInstance(Ljava/lang/String;Ljava/security/cert/CertStoreParameters;Ljava/lang/String;)Ljava/security/cert/CertStore;
java/security/cert/CertStore
getInstance(Ljava/lang/String;Ljava/security/cert/CertStoreParameters;Ljava/security/Provider;)Ljava/security/cert/CertStore;
java/security/cert/CertStore
 getCertStoreParameters()Ljava/security/cert/CertStoreParameters;
java/security/cert/CertStore getType()Ljava/lang/String;
java/security/cert/CertStore getProvider()Ljava/security/Provider;
java/security/cert/CertStore getDefaultType()Ljava/lang/String;
class java/security/cert/CertStoreException java/security/GeneralSecurityException
java/security/cert/CertStoreException serialVersionUID
java/security/cert/CertStoreException <init>()V
java/security/cert/CertStoreException <init>(Ljava/lang/String;)V
java/security/cert/CertStoreException <init>(Ljava/lang/Throwable;)V
java/security/cert/CertStoreException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
class java/security/cert/CertStoreParameters java/lang/Object
java/security/cert/CertStoreParameters clone()Ljava/lang/Object;
class java/security/cert/CertStoreSpi java/lang/Object
java/security/cert/CertStoreSpi <init>(Ljava/security/cert/CertStoreParameters;)V
java/security/cert/CertStoreSpi
 engineGetCertificates(Ljava/security/cert/CertSelector;)Ljava/util/Collection;
java/security/cert/CertStoreSpi engineGetCRLs(Ljava/security/cert/CRLSelector;)Ljava/util/Collection;
class java/security/cert/Certificate$CertificateRep java/lang/Object
java/security/cert/Certificate$CertificateRep serialVersionUID
java/security/cert/Certificate$CertificateRep type
java/security/cert/Certificate$CertificateRep data
java/security/cert/Certificate$CertificateRep <init>(Ljava/lang/String;[B)V
java/security/cert/Certificate$CertificateRep readResolve()Ljava/lang/Object;
class java/security/cert/CertificateEncodingException java/security/cert/CertificateException

java/security/cert/CertificateEncodingException serialVersionUID
java/security/cert/CertificateEncodingException <init>()V
java/security/cert/CertificateEncodingException <init>(Ljava/lang/String;)V
java/security/cert/CertificateEncodingException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/cert/CertificateEncodingException
 <init>(Ljava/lang/Throwable;)V
class java/security/cert/CertificateException java/security/GeneralSecurityException
java/security/cert/CertificateException serialVersionUID
java/security/cert/CertificateException <init>()V
java/security/cert/CertificateException <init>(Ljava/lang/String;)V
java/security/cert/CertificateException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/cert/CertificateException <init>(Ljava/lang/Throwable;)V
class java/security/cert/CertificateExpiredException java/security/cert/CertificateException
java/security/cert/CertificateExpiredException serialVersionUID
java/security/cert/CertificateExpiredException <init>()V
java/security/cert/CertificateExpiredException <init>(Ljava/lang/String;)V
class java/security/cert/CertificateNotYetValidException java/security/cert/CertificateException
java/security/cert/CertificateNotYetValidException serialVersionUID
java/security/cert/CertificateNotYetValidException <init>()V
java/security/cert/CertificateNotYetValidException
 <init>(Ljava/lang/String;)V
class java/security/cert/CertificateParsingException java/security/cert/CertificateException
java/security/cert/CertificateParsingException serialVersionUID
java/security/cert/CertificateParsingException <init>()V
java/security/cert/CertificateParsingException <init>(Ljava/lang/String;)V
java/security/cert/CertificateParsingException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/cert/CertificateParsingException <init>(Ljava/lang/Throwable;)V
class java/security/cert/CollectionCertStoreParameters java/lang/Object
java/security/cert/CollectionCertStoreParameters coll
java/security/cert/CollectionCertStoreParameters <init>(Ljava/util/Collection;)V
java/security/cert/CollectionCertStoreParameters <init>()V
java/security/cert/CollectionCertStoreParameters getCollection()Ljava/util/Collection;
java/security/cert/CollectionCertStoreParameters clone()Ljava/lang/Object;
java/security/cert/CollectionCertStoreParameters
 toString()Ljava/lang/String;
class java/security/cert/LDAPCertStoreParameters java/lang/Object
java/security/cert/LDAPCertStoreParameters LDAP_DEFAULT_PORT
java/security/cert/LDAPCertStoreParameters port
java/security/cert/LDAPCertStoreParameters serverName
java/security/cert/LDAPCertStoreParameters <init>(Ljava/lang/String;I)V
java/security/cert/LDAPCertStoreParameters <init>(Ljava/lang/String;)V
java/security/cert/LDAPCertStoreParameters <init>()V
java/security/cert/LDAPCertStoreParameters getServerName()Ljava/lang/String;
java/security/cert/LDAPCertStoreParameters getPort()I
java/security/cert/LDAPCertStoreParameters clone()Ljava/lang/Object;
java/security/cert/LDAPCertStoreParameters toString()Ljava/lang/String;
class java/security/cert/PKIXBuilderParameters java/security/cert/PKIXParameters
java/security/cert/PKIXBuilderParameters maxPathLength

java/security/cert/PKIXBuilderParameters <init>(Ljava/util/Set;Ljava/security/cert/CertSelector;)V
java/security/cert/PKIXBuilderParameters
<init>(Ljava/security/KeyStore;Ljava/security/cert/CertSelector;)V
java/security/cert/PKIXBuilderParameters setMaxPathLength(I)V
java/security/cert/PKIXBuilderParameters getMaxPathLength()I
java/security/cert/PKIXBuilderParameters toString()Ljava/lang/String;
class java/security/cert/PKIXCertPathBuilderResult java/security/cert/PKIXCertPathValidatorResult
java/security/cert/PKIXCertPathBuilderResult certPath
java/security/cert/PKIXCertPathBuilderResult
<init>(Ljava/security/cert/CertPath;Ljava/security/cert/TrustAnchor;Ljava/security/cert/PolicyNode;Ljava/security/PublicKey;)V
java/security/cert/PKIXCertPathBuilderResult getCertPath()Ljava/security/cert/CertPath;
java/security/cert/PKIXCertPathBuilderResult toString()Ljava/lang/String;
class java/security/cert/PKIXCertPathChecker java/lang/Object
java/security/cert/PKIXCertPathChecker <init>()V
java/security/cert/PKIXCertPathChecker init(Z)V
java/security/cert/PKIXCertPathChecker isForwardCheckingSupported()Z
java/security/cert/PKIXCertPathChecker
getSupportedExtensions()Ljava/util/Set;
java/security/cert/PKIXCertPathChecker check(Ljava/security/cert/Certificate;Ljava/util/Collection;)V
java/security/cert/PKIXCertPathChecker clone()Ljava/lang/Object;
class java/security/cert/PKIXCertPathValidatorResult java/lang/Object
java/security/cert/PKIXCertPathValidatorResult trustAnchor
java/security/cert/PKIXCertPathValidatorResult policyTree
java/security/cert/PKIXCertPathValidatorResult subjectPublicKey
java/security/cert/PKIXCertPathValidatorResult
<init>(Ljava/security/cert/TrustAnchor;Ljava/security/cert/PolicyNode;Ljava/security/PublicKey;)V
java/security/cert/PKIXCertPathValidatorResult getTrustAnchor()Ljava/security/cert/TrustAnchor;
java/security/cert/PKIXCertPathValidatorResult getPolicyTree()Ljava/security/cert/PolicyNode;
java/security/cert/PKIXCertPathValidatorResult getPublicKey()Ljava/security/PublicKey;
java/security/cert/PKIXCertPathValidatorResult clone()Ljava/lang/Object;
java/security/cert/PKIXCertPathValidatorResult
toString()Ljava/lang/String;
class java/security/cert/PKIXParameters java/lang/Object
java/security/cert/PKIXParameters unmodTrustAnchors
java/security/cert/PKIXParameters date
java/security/cert/PKIXParameters certPathCheckers
java/security/cert/PKIXParameters sigProvider
java/security/cert/PKIXParameters revocationEnabled
java/security/cert/PKIXParameters unmodInitialPolicies
java/security/cert/PKIXParameters explicitPolicyRequired
java/security/cert/PKIXParameters policyMappingInhibited
java/security/cert/PKIXParameters anyPolicyInhibited
java/security/cert/PKIXParameters policyQualifiersRejected
java/security/cert/PKIXParameters certStores
java/security/cert/PKIXParameters certSelector
java/security/cert/PKIXParameters <init>(Ljava/util/Set;)V
java/security/cert/PKIXParameters <init>(Ljava/security/KeyStore;)V

java/security/cert/PKIXParameters getTrustAnchors()Ljava/util/Set;
java/security/cert/PKIXParameters setTrustAnchors(Ljava/util/Set;)V
java/security/cert/PKIXParameters
getInitialPolicies()Ljava/util/Set;
java/security/cert/PKIXParameters setInitialPolicies(Ljava/util/Set;)V
java/security/cert/PKIXParameters setCertStores(Ljava/util/List;)V
java/security/cert/PKIXParameters addCertStore(Ljava/security/cert/CertStore;)V
java/security/cert/PKIXParameters getCertStores()Ljava/util/List;
java/security/cert/PKIXParameters setRevocationEnabled(Z)V
java/security/cert/PKIXParameters isRevocationEnabled()Z
java/security/cert/PKIXParameters setExplicitPolicyRequired(Z)V
java/security/cert/PKIXParameters isExplicitPolicyRequired()Z
java/security/cert/PKIXParameters setPolicyMappingInhibited(Z)V
java/security/cert/PKIXParameters isPolicyMappingInhibited()Z
java/security/cert/PKIXParameters setAnyPolicyInhibited(Z)V
java/security/cert/PKIXParameters isAnyPolicyInhibited()Z
java/security/cert/PKIXParameters setPolicyQualifiersRejected(Z)V
java/security/cert/PKIXParameters getPolicyQualifiersRejected()Z
java/security/cert/PKIXParameters getDate()Ljava/util/Date;
java/security/cert/PKIXParameters
setDate(Ljava/util/Date;)V
java/security/cert/PKIXParameters setCertPathCheckers(Ljava/util/List;)V
java/security/cert/PKIXParameters getCertPathCheckers()Ljava/util/List;
java/security/cert/PKIXParameters addCertPathChecker(Ljava/security/cert/PKIXCertPathChecker;)V
java/security/cert/PKIXParameters getSigProvider()Ljava/lang/String;
java/security/cert/PKIXParameters setSigProvider(Ljava/lang/String;)V
java/security/cert/PKIXParameters getTargetCertConstraints()Ljava/security/cert/CertSelector;
java/security/cert/PKIXParameters setTargetCertConstraints(Ljava/security/cert/CertSelector;)V
java/security/cert/PKIXParameters clone()Ljava/lang/Object;
java/security/cert/PKIXParameters toString()Ljava/lang/String;
class java/security/cert/PolicyNode java/lang/Object
java/security/cert/PolicyNode getParent()Ljava/security/cert/PolicyNode;
java/security/cert/PolicyNode getChildren()Ljava/util/Iterator;
java/security/cert/PolicyNode getDepth()I
java/security/cert/PolicyNode
getValidPolicy()Ljava/lang/String;
java/security/cert/PolicyNode getPolicyQualifiers()Ljava/util/Set;
java/security/cert/PolicyNode getExpectedPolicies()Ljava/util/Set;
java/security/cert/PolicyNode isCritical()Z
class java/security/cert/PolicyQualifierInfo java/lang/Object
java/security/cert/PolicyQualifierInfo mEncoded
java/security/cert/PolicyQualifierInfo mId
java/security/cert/PolicyQualifierInfo mData
java/security/cert/PolicyQualifierInfo pqiString
java/security/cert/PolicyQualifierInfo <init>([B)V
java/security/cert/PolicyQualifierInfo getPolicyQualifierId()Ljava/lang/String;
java/security/cert/PolicyQualifierInfo getEncoded()[B
java/security/cert/PolicyQualifierInfo getPolicyQualifier()[B

java/security/cert/PolicyQualifierInfo toString()Ljava/lang/String;
class java/security/cert/TrustAnchor java/lang/Object
java/security/cert/TrustAnchor pubKey
java/security/cert/TrustAnchor caName
java/security/cert/TrustAnchor caPrincipal
java/security/cert/TrustAnchor
 trustedCert
java/security/cert/TrustAnchor ncBytes
java/security/cert/TrustAnchor nc
java/security/cert/TrustAnchor <init>(Ljava/security/cert/X509Certificate;[B)V
java/security/cert/TrustAnchor <init>(Ljavax/security/auth/x500/X500Principal;Ljava/security/PublicKey;[B)V
java/security/cert/TrustAnchor <init>(Ljava/lang/String;Ljava/security/PublicKey;[B)V
java/security/cert/TrustAnchor getTrustedCert()Ljava/security/cert/X509Certificate;
java/security/cert/TrustAnchor getCA()Ljavax/security/auth/x500/X500Principal;
java/security/cert/TrustAnchor getCAName()Ljava/lang/String;
java/security/cert/TrustAnchor getCAPublicKey()Ljava/security/PublicKey;
java/security/cert/TrustAnchor setNameConstraints([B)V
java/security/cert/TrustAnchor getNameConstraints()[B
java/security/cert/TrustAnchor toString()Ljava/lang/String;
java/security/cert/TrustAnchor <clinit>()V
class java/security/cert/X509CRL java/security/cert/CRL
java/security/cert/X509CRL issuerPrincipal
java/security/cert/X509CRL
 <init>()V
java/security/cert/X509CRL equals(Ljava/lang/Object;)Z
java/security/cert/X509CRL hashCode()I
java/security/cert/X509CRL getEncoded()[B
java/security/cert/X509CRL verify(Ljava/security/PublicKey;)V
java/security/cert/X509CRL verify(Ljava/security/PublicKey;Ljava/lang/String;)V
java/security/cert/X509CRL getVersion()I
java/security/cert/X509CRL getIssuerDN()Ljava/security/Principal;
java/security/cert/X509CRL getIssuerX500Principal()Ljavax/security/auth/x500/X500Principal;
java/security/cert/X509CRL getThisUpdate()Ljava/util/Date;
java/security/cert/X509CRL getNextUpdate()Ljava/util/Date;
java/security/cert/X509CRL getRevokedCertificate(Ljava/math/BigInteger;)Ljava/security/cert/X509CRLEntry;
java/security/cert/X509CRL
getRevokedCertificate(Ljava/security/cert/X509Certificate;)Ljava/security/cert/X509CRLEntry;
java/security/cert/X509CRL getRevokedCertificates()Ljava/util/Set;
java/security/cert/X509CRL getTBSCertList()[B
java/security/cert/X509CRL getSignature()[B
java/security/cert/X509CRL
 getSigAlgName()Ljava/lang/String;
java/security/cert/X509CRL getSigAlgOID()Ljava/lang/String;
java/security/cert/X509CRL getSigAlgParams()[B
class java/security/cert/X509CRLEntry java/lang/Object
java/security/cert/X509CRLEntry <init>()V
java/security/cert/X509CRLEntry equals(Ljava/lang/Object;)Z
java/security/cert/X509CRLEntry hashCode()I

java/security/cert/X509CRLEntry getEncoded()[B
java/security/cert/X509CRLEntry getSerialNumber()Ljava/math/BigInteger;
java/security/cert/X509CRLEntry getCertificateIssuer()Ljavax/security/auth/x500/X500Principal;
java/security/cert/X509CRLEntry getRevocationDate()Ljava/util/Date;
java/security/cert/X509CRLEntry hasExtensions()Z
java/security/cert/X509CRLEntry toString()Ljava/lang/String;
class java/security/cert/X509CRLSelector java/lang/Object
java/security/cert/X509CRLSelector debug
java/security/cert/X509CRLSelector issuerNames
java/security/cert/X509CRLSelector issuerX500Principals
java/security/cert/X509CRLSelector minCRL
java/security/cert/X509CRLSelector
 maxCRL
java/security/cert/X509CRLSelector dateAndTime
java/security/cert/X509CRLSelector certChecking
java/security/cert/X509CRLSelector <init>()V
java/security/cert/X509CRLSelector setIssuers(Ljava/util/Collection;)V
java/security/cert/X509CRLSelector setIssuerNames(Ljava/util/Collection;)V
java/security/cert/X509CRLSelector addIssuer(Ljavax/security/auth/x500/X500Principal;)V
java/security/cert/X509CRLSelector addIssuerName(Ljava/lang/String;)V
java/security/cert/X509CRLSelector addIssuerName([B)V
java/security/cert/X509CRLSelector
addIssuerNameInternal(Ljava/lang/Object;Ljavax/security/auth/x500/X500Principal;)V
java/security/cert/X509CRLSelector cloneAndCheckIssuerNames(Ljava/util/Collection;)Ljava/util/HashSet;
java/security/cert/X509CRLSelector cloneIssuerNames(Ljava/util/Collection;)Ljava/util/HashSet;
java/security/cert/X509CRLSelector parseIssuerNames(Ljava/util/Collection;)Ljava/util/HashSet;
java/security/cert/X509CRLSelector setMinCRLNumber(Ljava/math/BigInteger;)V
java/security/cert/X509CRLSelector
 setMaxCRLNumber(Ljava/math/BigInteger;)V
java/security/cert/X509CRLSelector setDateAndTime(Ljava/util/Date;)V
java/security/cert/X509CRLSelector setCertificateChecking(Ljava/security/cert/X509Certificate;)V
java/security/cert/X509CRLSelector getIssuers()Ljava/util/Collection;
java/security/cert/X509CRLSelector getIssuerNames()Ljava/util/Collection;
java/security/cert/X509CRLSelector getMinCRL()Ljava/math/BigInteger;
java/security/cert/X509CRLSelector getMaxCRL()Ljava/math/BigInteger;
java/security/cert/X509CRLSelector getDateAndTime()Ljava/util/Date;
java/security/cert/X509CRLSelector getCertificateChecking()Ljava/security/cert/X509Certificate;
java/security/cert/X509CRLSelector toString()Ljava/lang/String;
java/security/cert/X509CRLSelector match(Ljava/security/cert/CRL;)Z
java/security/cert/X509CRLSelector clone()Ljava/lang/Object;
java/security/cert/X509CRLSelector <clinit>()V
class java/security/cert/X509CertSelector java/lang/Object
java/security/cert/X509CertSelector
 debug
java/security/cert/X509CertSelector ANY_EXTENDED_KEY_USAGE
java/security/cert/X509CertSelector serialNumber
java/security/cert/X509CertSelector issuer
java/security/cert/X509CertSelector subject

java/security/cert/X509CertSelector subjectKeyID
java/security/cert/X509CertSelector authorityKeyID
java/security/cert/X509CertSelector certificateValid
java/security/cert/X509CertSelector privateKeyValid
java/security/cert/X509CertSelector subjectPublicKeyAlgID
java/security/cert/X509CertSelector subjectPublicKey
java/security/cert/X509CertSelector subjectPublicKeyBytes
java/security/cert/X509CertSelector keyUsage
java/security/cert/X509CertSelector keyPurposeSet
java/security/cert/X509CertSelector keyPurposeOIDSet
java/security/cert/X509CertSelector subjectAlternativeNames
java/security/cert/X509CertSelector subjectAlternativeGeneralNames
java/security/cert/X509CertSelector policy
java/security/cert/X509CertSelector policySet
java/security/cert/X509CertSelector
pathToNames
java/security/cert/X509CertSelector pathToGeneralNames
java/security/cert/X509CertSelector nc
java/security/cert/X509CertSelector ncBytes
java/security/cert/X509CertSelector basicConstraints
java/security/cert/X509CertSelector x509Cert
java/security/cert/X509CertSelector matchAllSubjectAltNames
java/security/cert/X509CertSelector FALSE
java/security/cert/X509CertSelector PRIVATE_KEY_USAGE_ID
java/security/cert/X509CertSelector SUBJECT_ALT_NAME_ID
java/security/cert/X509CertSelector NAME_CONSTRAINTS_ID
java/security/cert/X509CertSelector CERT_POLICIES_ID
java/security/cert/X509CertSelector EXTENDED_KEY_USAGE_ID
java/security/cert/X509CertSelector NUM_OF_EXTENSIONS
java/security/cert/X509CertSelector EXTENSION_OIDS
java/security/cert/X509CertSelector NAME_ANY
java/security/cert/X509CertSelector NAME_RFC822
java/security/cert/X509CertSelector NAME_DNS
java/security/cert/X509CertSelector NAME_X400
java/security/cert/X509CertSelector NAME_DIRECTORY
java/security/cert/X509CertSelector
NAME_EDI
java/security/cert/X509CertSelector NAME_URI
java/security/cert/X509CertSelector NAME_IP
java/security/cert/X509CertSelector NAME_OID
java/security/cert/X509CertSelector <init>()V
java/security/cert/X509CertSelector setCertificate(Ljava/security/cert/X509Certificate;)V
java/security/cert/X509CertSelector setSerialNumber(Ljava/math/BigInteger;)V
java/security/cert/X509CertSelector setIssuer(Ljavax/security/auth/x500/X500Principal;)V
java/security/cert/X509CertSelector setIssuer(Ljava/lang/String;)V
java/security/cert/X509CertSelector setIssuer([B)V
java/security/cert/X509CertSelector setSubject(Ljavax/security/auth/x500/X500Principal;)V
java/security/cert/X509CertSelector setSubject(Ljava/lang/String;)V

java/security/cert/X509CertSelector setSubject([B)V
java/security/cert/X509CertSelector setSubjectKeyIdentifier([B)V
java/security/cert/X509CertSelector setAuthorityKeyIdentifier([B)V
java/security/cert/X509CertSelector setCertificateValid(Ljava/util/Date;)V
java/security/cert/X509CertSelector
setPrivateKeyValid(Ljava/util/Date;)V
java/security/cert/X509CertSelector setSubjectPublicKeyAlgID(Ljava/lang/String;)V
java/security/cert/X509CertSelector setSubjectPublicKey(Ljava/security/PublicKey;)V
java/security/cert/X509CertSelector setSubjectPublicKey([B)V
java/security/cert/X509CertSelector setKeyUsage([Z)V
java/security/cert/X509CertSelector setExtendedKeyUsage(Ljava/util/Set;)V
java/security/cert/X509CertSelector setMatchAllSubjectAltNames(Z)V
java/security/cert/X509CertSelector setSubjectAlternativeNames(Ljava/util/Collection;)V
java/security/cert/X509CertSelector addSubjectAlternativeName(ILjava/lang/String;)V
java/security/cert/X509CertSelector addSubjectAlternativeName(I[B)V
java/security/cert/X509CertSelector addSubjectAlternativeNameInternal(ILjava/lang/Object;)V
java/security/cert/X509CertSelector parseNames(Ljava/util/Collection;)Ljava/util/Set;
java/security/cert/X509CertSelector equalNames(Ljava/util/Collection;Ljava/util/Collection;)Z
java/security/cert/X509CertSelector
makeGeneralNameInterface(ILjava/lang/Object;)Lsun/security/x509/GeneralNameInterface;
java/security/cert/X509CertSelector setNameConstraints([B)V
java/security/cert/X509CertSelector setBasicConstraints(I)V
java/security/cert/X509CertSelector setPolicy(Ljava/util/Set;)V
java/security/cert/X509CertSelector setPathToNames(Ljava/util/Collection;)V
java/security/cert/X509CertSelector setPathToNamesInternal(Ljava/util/Set;)V
java/security/cert/X509CertSelector addPathToName(ILjava/lang/String;)V
java/security/cert/X509CertSelector addPathToName(I[B)V
java/security/cert/X509CertSelector addPathToNameInternal(ILjava/lang/Object;)V
java/security/cert/X509CertSelector getCertificate()Ljava/security/cert/X509Certificate;
java/security/cert/X509CertSelector getSerialNumber()Ljava/math/BigInteger;
java/security/cert/X509CertSelector getIssuer()Ljavax/security/auth/x500/X500Principal;
java/security/cert/X509CertSelector getIssuerAsString()Ljava/lang/String;
java/security/cert/X509CertSelector
getIssuerAsBytes()[B
java/security/cert/X509CertSelector getSubject()Ljavax/security/auth/x500/X500Principal;
java/security/cert/X509CertSelector getSubjectAsString()Ljava/lang/String;
java/security/cert/X509CertSelector getSubjectAsBytes()[B
java/security/cert/X509CertSelector getSubjectKeyIdentifier()[B
java/security/cert/X509CertSelector getAuthorityKeyIdentifier()[B
java/security/cert/X509CertSelector getCertificateValid()Ljava/util/Date;
java/security/cert/X509CertSelector getPrivateKeyValid()Ljava/util/Date;
java/security/cert/X509CertSelector getSubjectPublicKeyAlgID()Ljava/lang/String;
java/security/cert/X509CertSelector getSubjectPublicKey()Ljava/security/PublicKey;
java/security/cert/X509CertSelector getKeyUsage()[Z
java/security/cert/X509CertSelector getExtendedKeyUsage()Ljava/util/Set;
java/security/cert/X509CertSelector getMatchAllSubjectAltNames()Z
java/security/cert/X509CertSelector getSubjectAlternativeNames()Ljava/util/Collection;
java/security/cert/X509CertSelector

cloneNames(Ljava/util/Collection;)Ljava/util/Set;
java/security/cert/X509CertSelector cloneAndCheckNames(Ljava/util/Collection;)Ljava/util/Set;
java/security/cert/X509CertSelector getNameConstraints()[B
java/security/cert/X509CertSelector getBasicConstraints()I
java/security/cert/X509CertSelector getPolicy()Ljava/util/Set;
java/security/cert/X509CertSelector getPathToNames()Ljava/util/Collection;
java/security/cert/X509CertSelector toString()Ljava/lang/String;
java/security/cert/X509CertSelector keyUsageToString([Z)Ljava/lang/String;
java/security/cert/X509CertSelector
getExtensionObject(Ljava/security/cert/X509Certificate;I)Lsun/security/x509/Extension;
java/security/cert/X509CertSelector match(Ljava/security/cert/Certificate;)Z
java/security/cert/X509CertSelector matchSubjectKeyID(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchAuthorityKeyID(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector
matchPrivateKeyValid(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchSubjectPublicKeyAlgID(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchKeyUsage(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchExtendedKeyUsage(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchSubjectAlternativeNames(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchNameConstraints(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchPolicy(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchPathToNames(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector matchExcluded(Lsun/security/x509/GeneralSubtrees;)Z
java/security/cert/X509CertSelector matchPermitted(Lsun/security/x509/GeneralSubtrees;)Z
java/security/cert/X509CertSelector matchBasicConstraints(Ljava/security/cert/X509Certificate;)Z
java/security/cert/X509CertSelector
cloneSet(Ljava/util/Set;)Ljava/util/Set;
java/security/cert/X509CertSelector clone()Ljava/lang/Object;
java/security/cert/X509CertSelector <clinit>()V
class java/security/interfaces/DSAKeyPairGenerator java/lang/Object
java/security/interfaces/DSAKeyPairGenerator
initialize(Ljava/security/interfaces/DSAParams;Ljava/security/SecureRandom;)V
java/security/interfaces/DSAKeyPairGenerator initialize(IZLjava/security/SecureRandom;)V
class java/security/interfaces/ECKey java/lang/Object
java/security/interfaces/ECKey getParams()Ljava/security/spec/ECParameterSpec;
class java/security/interfaces/ECPrivateKey java/lang/Object
java/security/interfaces/ECPrivateKey serialVersionUID
java/security/interfaces/ECPrivateKey getS()Ljava/math/BigInteger;
class java/security/interfaces/ECPublicKey java/lang/Object
java/security/interfaces/ECPublicKey serialVersionUID
java/security/interfaces/ECPublicKey getW()Ljava/security/spec/ECPoint;
class java/security/interfaces/RSAMultiPrimePrivateCrtKey
java/lang/Object
java/security/interfaces/RSAMultiPrimePrivateCrtKey serialVersionUID
java/security/interfaces/RSAMultiPrimePrivateCrtKey getPublicExponent()Ljava/math/BigInteger;
java/security/interfaces/RSAMultiPrimePrivateCrtKey getPrimeP()Ljava/math/BigInteger;
java/security/interfaces/RSAMultiPrimePrivateCrtKey getPrimeQ()Ljava/math/BigInteger;
java/security/interfaces/RSAMultiPrimePrivateCrtKey getPrimeExponentP()Ljava/math/BigInteger;

java/security/interfaces/RSAMultiPrimePrivateCrtKey getPrimeExponentQ()Ljava/math/BigInteger;
java/security/interfaces/RSAMultiPrimePrivateCrtKey getCrtCoefficient()Ljava/math/BigInteger;
java/security/interfaces/RSAMultiPrimePrivateCrtKey
getOtherPrimeInfo()[Ljava/security/spec/RSAOtherPrimeInfo;
class java/security/spec/DSAPrivateKeySpec java/lang/Object
java/security/spec/DSAPrivateKeySpec x
java/security/spec/DSAPrivateKeySpec p
java/security/spec/DSAPrivateKeySpec q
java/security/spec/DSAPrivateKeySpec g
java/security/spec/DSAPrivateKeySpec
 <init>(Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/DSAPrivateKeySpec getX()Ljava/math/BigInteger;
java/security/spec/DSAPrivateKeySpec getP()Ljava/math/BigInteger;
java/security/spec/DSAPrivateKeySpec getQ()Ljava/math/BigInteger;
java/security/spec/DSAPrivateKeySpec getG()Ljava/math/BigInteger;
class java/security/spec/ECField java/lang/Object
java/security/spec/ECField getFieldSize()I
class java/security/spec/ECFieldF2m java/lang/Object
java/security/spec/ECFieldF2m m
java/security/spec/ECFieldF2m ks
java/security/spec/ECFieldF2m rp
java/security/spec/ECFieldF2m <init>(I)V
java/security/spec/ECFieldF2m <init>(ILjava/math/BigInteger;)V
java/security/spec/ECFieldF2m <init>(I[I)V
java/security/spec/ECFieldF2m getFieldSize()I
java/security/spec/ECFieldF2m getM()I
java/security/spec/ECFieldF2m getReductionPolynomial()Ljava/math/BigInteger;
java/security/spec/ECFieldF2m getMidTermsOfReductionPolynomial()[I
java/security/spec/ECFieldF2m
 equals(Ljava/lang/Object;)Z
java/security/spec/ECFieldF2m hashCode()I
class java/security/spec/ECFieldFp java/lang/Object
java/security/spec/ECFieldFp p
java/security/spec/ECFieldFp <init>(Ljava/math/BigInteger;)V
java/security/spec/ECFieldFp getFieldSize()I
java/security/spec/ECFieldFp getP()Ljava/math/BigInteger;
java/security/spec/ECFieldFp equals(Ljava/lang/Object;)Z
java/security/spec/ECFieldFp hashCode()I
class java/security/spec/ECGenParameterSpec java/lang/Object
java/security/spec/ECGenParameterSpec name
java/security/spec/ECGenParameterSpec <init>(Ljava/lang/String;)V
java/security/spec/ECGenParameterSpec getName()Ljava/lang/String;
class java/security/spec/ECParameterSpec java/lang/Object
java/security/spec/ECParameterSpec curve
java/security/spec/ECParameterSpec g
java/security/spec/ECParameterSpec n
java/security/spec/ECParameterSpec h
java/security/spec/ECParameterSpec

<init>(Ljava/security/spec/EllipticCurve;Ljava/security/spec/ECPoint;Ljava/math/BigInteger;I)V
java/security/spec/ECParameterSpec
 getCurve()Ljava/security/spec/EllipticCurve;
java/security/spec/ECParameterSpec getGenerator()Ljava/security/spec/ECPoint;
java/security/spec/ECParameterSpec getOrder()Ljava/math/BigInteger;
java/security/spec/ECParameterSpec getCofactor()I
class java/security/spec/ECPoint java/lang/Object
java/security/spec/ECPoint x
java/security/spec/ECPoint y
java/security/spec/ECPoint POINT_INFINITY
java/security/spec/ECPoint <init>()V
java/security/spec/ECPoint <init>(Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/ECPoint getAffineX()Ljava/math/BigInteger;
java/security/spec/ECPoint getAffineY()Ljava/math/BigInteger;
java/security/spec/ECPoint equals(Ljava/lang/Object;)Z
java/security/spec/ECPoint hashCode()I
java/security/spec/ECPoint <clinit>()V
class java/security/spec/ECPrivateKeySpec java/lang/Object
java/security/spec/ECPrivateKeySpec s
java/security/spec/ECPrivateKeySpec params
java/security/spec/ECPrivateKeySpec
 <init>(Ljava/math/BigInteger;Ljava/security/spec/ECParameterSpec;)V
java/security/spec/ECPrivateKeySpec getS()Ljava/math/BigInteger;
java/security/spec/ECPrivateKeySpec getParams()Ljava/security/spec/ECParameterSpec;
class java/security/spec/ECPublicKeySpec java/lang/Object
java/security/spec/ECPublicKeySpec w
java/security/spec/ECPublicKeySpec params
java/security/spec/ECPublicKeySpec <init>(Ljava/security/spec/ECPoint;Ljava/security/spec/ECParameterSpec;)V
java/security/spec/ECPublicKeySpec getW()Ljava/security/spec/ECPoint;
java/security/spec/ECPublicKeySpec getParams()Ljava/security/spec/ECParameterSpec;
class java/security/spec/EllipticCurve java/lang/Object
java/security/spec/EllipticCurve field
java/security/spec/EllipticCurve a
java/security/spec/EllipticCurve b
java/security/spec/EllipticCurve seed
java/security/spec/EllipticCurve
checkValidity(Ljava/security/spec/ECField;Ljava/math/BigInteger;Ljava/lang/String;)V
java/security/spec/EllipticCurve
<init>(Ljava/security/spec/ECField;Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/EllipticCurve
 <init>(Ljava/security/spec/ECField;Ljava/math/BigInteger;Ljava/math/BigInteger;[B)V
java/security/spec/EllipticCurve getField()Ljava/security/spec/ECField;
java/security/spec/EllipticCurve getA()Ljava/math/BigInteger;
java/security/spec/EllipticCurve getB()Ljava/math/BigInteger;
java/security/spec/EllipticCurve getSeed()[B
java/security/spec/EllipticCurve equals(Ljava/lang/Object;)Z
java/security/spec/EllipticCurve hashCode()I
class java/security/spec/InvalidKeySpecException java/security/GeneralSecurityException

java/security/spec/InvalidKeySpecException serialVersionUID
java/security/spec/InvalidKeySpecException <init>()V
java/security/spec/InvalidKeySpecException <init>(Ljava/lang/String;)V
java/security/spec/InvalidKeySpecException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/spec/InvalidKeySpecException <init>(Ljava/lang/Throwable;)V
class java/security/spec/InvalidParameterSpecException
 java/security/GeneralSecurityException
java/security/spec/InvalidParameterSpecException serialVersionUID
java/security/spec/InvalidParameterSpecException <init>()V
java/security/spec/InvalidParameterSpecException <init>(Ljava/lang/String;)V
class java/security/spec/MGF1ParameterSpec java/lang/Object
java/security/spec/MGF1ParameterSpec SHA1
java/security/spec/MGF1ParameterSpec SHA256
java/security/spec/MGF1ParameterSpec SHA384
java/security/spec/MGF1ParameterSpec SHA512
java/security/spec/MGF1ParameterSpec mdName
java/security/spec/MGF1ParameterSpec <init>(Ljava/lang/String;)V
java/security/spec/MGF1ParameterSpec getDigestAlgorithm()Ljava/lang/String;
java/security/spec/MGF1ParameterSpec <clinit>()V
class java/security/spec/PSSParameterSpec java/lang/Object
java/security/spec/PSSParameterSpec mdName
java/security/spec/PSSParameterSpec mgfName
java/security/spec/PSSParameterSpec mgfSpec
java/security/spec/PSSParameterSpec saltLen
java/security/spec/PSSParameterSpec
 trailerField
java/security/spec/PSSParameterSpec DEFAULT
java/security/spec/PSSParameterSpec <init>()V
java/security/spec/PSSParameterSpec
<init>(Ljava/lang/String;Ljava/lang/String;Ljava/security/spec/AlgorithmParameterSpec;II)V
java/security/spec/PSSParameterSpec <init>(I)V
java/security/spec/PSSParameterSpec getDigestAlgorithm()Ljava/lang/String;
java/security/spec/PSSParameterSpec getMGFAlgorithm()Ljava/lang/String;
java/security/spec/PSSParameterSpec getMGFParameters()Ljava/security/spec/AlgorithmParameterSpec;
java/security/spec/PSSParameterSpec getSaltLength()I
java/security/spec/PSSParameterSpec getTrailerField()I
java/security/spec/PSSParameterSpec <clinit>()V
class java/security/spec/RSAKeyGenParameterSpec java/lang/Object
java/security/spec/RSAKeyGenParameterSpec keysize
java/security/spec/RSAKeyGenParameterSpec publicExponent
java/security/spec/RSAKeyGenParameterSpec F0
java/security/spec/RSAKeyGenParameterSpec F4
java/security/spec/RSAKeyGenParameterSpec <init>(ILjava/math/BigInteger;)V
java/security/spec/RSAKeyGenParameterSpec
 getKeysize()I
java/security/spec/RSAKeyGenParameterSpec getPublicExponent()Ljava/math/BigInteger;
java/security/spec/RSAKeyGenParameterSpec <clinit>()V
class java/security/spec/RSAMultiPrimePrivateCrtKeySpec java/security/spec/RSAPrivateKeySpec

java/security/spec/RSAMultiPrimePrivateCrtKeySpec publicExponent
java/security/spec/RSAMultiPrimePrivateCrtKeySpec primeP
java/security/spec/RSAMultiPrimePrivateCrtKeySpec primeQ
java/security/spec/RSAMultiPrimePrivateCrtKeySpec primeExponentP
java/security/spec/RSAMultiPrimePrivateCrtKeySpec primeExponentQ
java/security/spec/RSAMultiPrimePrivateCrtKeySpec crtCoefficient
java/security/spec/RSAMultiPrimePrivateCrtKeySpec otherPrimeInfo
java/security/spec/RSAMultiPrimePrivateCrtKeySpec
<init>(Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/Big
Integer;Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;[Ljava/security/spec/RSAOtherPrimeI
nfo;)V
java/security/spec/RSAMultiPrimePrivateCrtKeySpec
getPublicExponent()Ljava/math/BigInteger;
java/security/spec/RSAMultiPrimePrivateCrtKeySpec getPrimeP()Ljava/math/BigInteger;
java/security/spec/RSAMultiPrimePrivateCrtKeySpec getPrimeQ()Ljava/math/BigInteger;
java/security/spec/RSAMultiPrimePrivateCrtKeySpec getPrimeExponentP()Ljava/math/BigInteger;
java/security/spec/RSAMultiPrimePrivateCrtKeySpec getPrimeExponentQ()Ljava/math/BigInteger;
java/security/spec/RSAMultiPrimePrivateCrtKeySpec getCrtCoefficient()Ljava/math/BigInteger;
java/security/spec/RSAMultiPrimePrivateCrtKeySpec
getOtherPrimeInfo()[Ljava/security/spec/RSAOtherPrimeInfo;
class java/security/spec/RSAOtherPrimeInfo java/lang/Object
java/security/spec/RSAOtherPrimeInfo prime
java/security/spec/RSAOtherPrimeInfo primeExponent
java/security/spec/RSAOtherPrimeInfo crtCoefficient
java/security/spec/RSAOtherPrimeInfo
<init>(Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/RSAOtherPrimeInfo
getPrime()Ljava/math/BigInteger;
java/security/spec/RSAOtherPrimeInfo getExponent()Ljava/math/BigInteger;
java/security/spec/RSAOtherPrimeInfo getCrtCoefficient()Ljava/math/BigInteger;
class java/sql/Array java/lang/Object
java/sql/Array getBaseTypeName()Ljava/lang/String;
java/sql/Array getBaseType()I
java/sql/Array getArray()Ljava/lang/Object;
java/sql/Array getArray(Ljava/util/Map;)Ljava/lang/Object;
java/sql/Array getArray(JI)Ljava/lang/Object;
java/sql/Array getArray(JILjava/util/Map;)Ljava/lang/Object;
java/sql/Array getResultSet()Ljava/sql/ResultSet;
java/sql/Array getResultSet(Ljava/util/Map;)Ljava/sql/ResultSet;
java/sql/Array getResultSet(JI)Ljava/sql/ResultSet;
java/sql/Array getResultSet(JILjava/util/Map;)Ljava/sql/ResultSet;
class java/sql/BatchUpdateException java/sql/SQLException
java/sql/BatchUpdateException updateCounts
java/sql/BatchUpdateException <init>(Ljava/lang/String;Ljava/lang/String;I[I)V
java/sql/BatchUpdateException <init>(Ljava/lang/String;Ljava/lang/String;[I)V
java/sql/BatchUpdateException
<init>(Ljava/lang/String;[I)V
java/sql/BatchUpdateException <init>([I)V

java/sql/BatchUpdateException <init>()V
java/sql/BatchUpdateException getUpdateCounts()[I
class java/sql/Blob java/lang/Object
java/sql/Blob length()J
java/sql/Blob getBytes(JI)[B
java/sql/Blob getBinaryStream()Ljava/io/InputStream;
java/sql/Blob position([BJ)J
java/sql/Blob position(Ljava/sql/Blob;J)J
java/sql/Blob setBytes(J[B)I
java/sql/Blob setBytes(J[BII)I
java/sql/Blob setBinaryStream(J)Ljava/io/OutputStream;
java/sql/Blob truncate(J)V
class java/sql/CallableStatement java/lang/Object
java/sql/CallableStatement registerOutParameter(II)V
java/sql/CallableStatement registerOutParameter(III)V
java/sql/CallableStatement wasNull()Z
java/sql/CallableStatement getString(I)Ljava/lang/String;
java/sql/CallableStatement getBoolean(I)Z
java/sql/CallableStatement getByte(I)B
java/sql/CallableStatement getShort(I)S
java/sql/CallableStatement getInt(I)I
java/sql/CallableStatement
getLong(I)J
java/sql/CallableStatement getFloat(I)F
java/sql/CallableStatement getDouble(I)D
java/sql/CallableStatement getBigDecimal(II)Ljava/math/BigDecimal;
java/sql/CallableStatement getBytes(I)[B
java/sql/CallableStatement getDate(I)Ljava/sql/Date;
java/sql/CallableStatement getTime(I)Ljava/sql/Time;
java/sql/CallableStatement getTimestamp(I)Ljava/sql/Timestamp;
java/sql/CallableStatement getObject(I)Ljava/lang/Object;
java/sql/CallableStatement getBigDecimal(I)Ljava/math/BigDecimal;
java/sql/CallableStatement getObject(ILjava/util/Map;)Ljava/lang/Object;
java/sql/CallableStatement getRef(I)Ljava/sql/Ref;
java/sql/CallableStatement getBlob(I)Ljava/sql/Blob;
java/sql/CallableStatement getClob(I)Ljava/sql/Clob;
java/sql/CallableStatement getArray(I)Ljava/sql/Array;
java/sql/CallableStatement getDate(ILjava/util/Calendar;)Ljava/sql/Date;
java/sql/CallableStatement getTime(ILjava/util/Calendar;)Ljava/sql/Time;
java/sql/CallableStatement getTimestamp(ILjava/util/Calendar;)Ljava/sql/Timestamp;
java/sql/CallableStatement
registerOutParameter(IILjava/lang/String;)V
java/sql/CallableStatement registerOutParameter(Ljava/lang/String;I)V
java/sql/CallableStatement registerOutParameter(Ljava/lang/String;II)V
java/sql/CallableStatement registerOutParameter(Ljava/lang/String;ILjava/lang/String;)V
java/sql/CallableStatement getURL(I)Ljava/net/URL;
java/sql/CallableStatement setURL(Ljava/lang/String;Ljava/net/URL;)V
java/sql/CallableStatement setNull(Ljava/lang/String;I)V

java/sql/CallableStatement setBoolean(Ljava/lang/String;Z)V
java/sql/CallableStatement setByte(Ljava/lang/String;B)V
java/sql/CallableStatement setShort(Ljava/lang/String;S)V
java/sql/CallableStatement setInt(Ljava/lang/String;I)V
java/sql/CallableStatement setLong(Ljava/lang/String;J)V
java/sql/CallableStatement setFloat(Ljava/lang/String;F)V
java/sql/CallableStatement setDouble(Ljava/lang/String;D)V
java/sql/CallableStatement setBigDecimal(Ljava/lang/String;Ljava/math/BigDecimal;)V
java/sql/CallableStatement
setString(Ljava/lang/String;Ljava/lang/String;)V
java/sql/CallableStatement setBytes(Ljava/lang/String;[B)V
java/sql/CallableStatement setDate(Ljava/lang/String;Ljava/sql/Date;)V
java/sql/CallableStatement setTime(Ljava/lang/String;Ljava/sql/Time;)V
java/sql/CallableStatement setTimestamp(Ljava/lang/String;Ljava/sql/Timestamp;)V
java/sql/CallableStatement setAsciiStream(Ljava/lang/String;Ljava/io/InputStream;I)V
java/sql/CallableStatement setBinaryStream(Ljava/lang/String;Ljava/io/InputStream;I)V
java/sql/CallableStatement setObject(Ljava/lang/String;Ljava/lang/Object;II)V
java/sql/CallableStatement setObject(Ljava/lang/String;Ljava/lang/Object;I)V
java/sql/CallableStatement setObject(Ljava/lang/String;Ljava/lang/Object;)V
java/sql/CallableStatement setCharacterStream(Ljava/lang/String;Ljava/io/Reader;I)V
java/sql/CallableStatement setDate(Ljava/lang/String;Ljava/sql/Date;Ljava/util/Calendar;)V
java/sql/CallableStatement setTime(Ljava/lang/String;Ljava/sql/Time;Ljava/util/Calendar;)V
java/sql/CallableStatement
setTimestamp(Ljava/lang/String;Ljava/sql/Timestamp;Ljava/util/Calendar;)V
java/sql/CallableStatement setNull(Ljava/lang/String;ILjava/lang/String;)V
java/sql/CallableStatement getString(Ljava/lang/String;)Ljava/lang/String;
java/sql/CallableStatement getBoolean(Ljava/lang/String;)Z
java/sql/CallableStatement getByte(Ljava/lang/String;)B
java/sql/CallableStatement getShort(Ljava/lang/String;)S
java/sql/CallableStatement getInt(Ljava/lang/String;)I
java/sql/CallableStatement getLong(Ljava/lang/String;)J
java/sql/CallableStatement getFloat(Ljava/lang/String;)F
java/sql/CallableStatement getDouble(Ljava/lang/String;)D
java/sql/CallableStatement getBytes(Ljava/lang/String;)[B
java/sql/CallableStatement getDate(Ljava/lang/String;)Ljava/sql/Date;
java/sql/CallableStatement getTime(Ljava/lang/String;)Ljava/sql/Time;
java/sql/CallableStatement getTimestamp(Ljava/lang/String;)Ljava/sql/Timestamp;
java/sql/CallableStatement getObject(Ljava/lang/String;)Ljava/lang/Object;
java/sql/CallableStatement
getBigDecimal(Ljava/lang/String;)Ljava/math/BigDecimal;
java/sql/CallableStatement getObject(Ljava/lang/String;Ljava/util/Map;)Ljava/lang/Object;
java/sql/CallableStatement getRef(Ljava/lang/String;)Ljava/sql/Ref;
java/sql/CallableStatement getBlob(Ljava/lang/String;)Ljava/sql/Blob;
java/sql/CallableStatement getClob(Ljava/lang/String;)Ljava/sql/Clob;
java/sql/CallableStatement getArray(Ljava/lang/String;)Ljava/sql/Array;
java/sql/CallableStatement getDate(Ljava/lang/String;Ljava/util/Calendar;)Ljava/sql/Date;
java/sql/CallableStatement getTime(Ljava/lang/String;Ljava/util/Calendar;)Ljava/sql/Time;
java/sql/CallableStatement getTimestamp(Ljava/lang/String;Ljava/util/Calendar;)Ljava/sql/Timestamp;

java/sql/CallableStatement getURL(Ljava/lang/String;)Ljava/net/URL;
class java/sql/Clob java/lang/Object
java/sql/Clob length()J
java/sql/Clob getSubString(JI)Ljava/lang/String;
java/sql/Clob getCharacterStream()Ljava/io/Reader;
java/sql/Clob getAsciiStream()Ljava/io/InputStream;
java/sql/Clob
 position(Ljava/lang/String;J)J
java/sql/Clob position(Ljava/sql/Clob;J)J
java/sql/Clob setString(JLjava/lang/String;)I
java/sql/Clob setString(JLjava/lang/String;II)I
java/sql/Clob setAsciiStream(J)Ljava/io/OutputStream;
java/sql/Clob setCharacterStream(J)Ljava/io/Writer;
java/sql/Clob truncate(J)V
class java/sql/Connection java/lang/Object
java/sql/Connection TRANSACTION_NONE
java/sql/Connection TRANSACTION_READ_UNCOMMITTED
java/sql/Connection TRANSACTION_READ_COMMITTED
java/sql/Connection TRANSACTION_REPEATABLE_READ
java/sql/Connection TRANSACTION_SERIALIZABLE
java/sql/Connection createStatement()Ljava/sql/Statement;
java/sql/Connection prepareStatement(Ljava/lang/String;)Ljava/sql/PreparedStatement;
java/sql/Connection prepareCall(Ljava/lang/String;)Ljava/sql/CallableStatement;
java/sql/Connection nativeSQL(Ljava/lang/String;)Ljava/lang/String;
java/sql/Connection setAutoCommit(Z)V
java/sql/Connection getAutoCommit()Z
java/sql/Connection commit()V
java/sql/Connection
 rollback()V
java/sql/Connection close()V
java/sql/Connection isClosed()Z
java/sql/Connection getMetaData()Ljava/sql/DatabaseMetaData;
java/sql/Connection setReadOnly(Z)V
java/sql/Connection isReadOnly()Z
java/sql/Connection setCatalog(Ljava/lang/String;)V
java/sql/Connection getCatalog()Ljava/lang/String;
java/sql/Connection setTransactionIsolation(I)V
java/sql/Connection getTransactionIsolation()I
java/sql/Connection getWarnings()Ljava/sql/SQLWarning;
java/sql/Connection clearWarnings()V
java/sql/Connection createStatement(II)Ljava/sql/Statement;
java/sql/Connection prepareStatement(Ljava/lang/String;II)Ljava/sql/PreparedStatement;
java/sql/Connection prepareCall(Ljava/lang/String;II)Ljava/sql/CallableStatement;
java/sql/Connection getTypeMap()Ljava/util/Map;
java/sql/Connection setTypeMap(Ljava/util/Map;)V
java/sql/Connection setHoldability(I)V
java/sql/Connection getHoldability()I
java/sql/Connection setSavepoint()Ljava/sql/Savepoint;

java/sql/Connection setSavepoint(Ljava/lang/String;)Ljava/sql/Savepoint;
java/sql/Connection
rollback(Ljava/sql/Savepoint;)V
java/sql/Connection releaseSavepoint(Ljava/sql/Savepoint;)V
java/sql/Connection createStatement(III)Ljava/sql/Statement;
java/sql/Connection prepareStatement(Ljava/lang/String;III)Ljava/sql/PreparedStatement;
java/sql/Connection prepareCall(Ljava/lang/String;III)Ljava/sql/CallableStatement;
java/sql/Connection prepareStatement(Ljava/lang/String;I)Ljava/sql/PreparedStatement;
java/sql/Connection prepareStatement(Ljava/lang/String;[I)Ljava/sql/PreparedStatement;
java/sql/Connection prepareStatement(Ljava/lang/String;[Ljava/lang/String;)Ljava/sql/PreparedStatement;
class java/sql/DataTruncation java/sql/SQLWarning
java/sql/DataTruncation index
java/sql/DataTruncation parameter
java/sql/DataTruncation read
java/sql/DataTruncation dataSize
java/sql/DataTruncation transferSize
java/sql/DataTruncation <init>(IZZII)V
java/sql/DataTruncation getIndex()I
java/sql/DataTruncation getParameter()Z
java/sql/DataTruncation
getRead()Z
java/sql/DataTruncation getDataSize()I
java/sql/DataTruncation getTransferSize()I
class java/sql/DatabaseMetaData java/lang/Object
java/sql/DatabaseMetaData procedureResultUnknown
java/sql/DatabaseMetaData procedureNoResult
java/sql/DatabaseMetaData procedureReturnsResult
java/sql/DatabaseMetaData procedureColumnUnknown
java/sql/DatabaseMetaData procedureColumnIn
java/sql/DatabaseMetaData procedureColumnInOut
java/sql/DatabaseMetaData procedureColumnOut
java/sql/DatabaseMetaData procedureColumnReturn
java/sql/DatabaseMetaData procedureColumnResult
java/sql/DatabaseMetaData procedureNoNulls
java/sql/DatabaseMetaData procedureNullable
java/sql/DatabaseMetaData procedureNullableUnknown
java/sql/DatabaseMetaData columnNoNulls
java/sql/DatabaseMetaData columnNullable
java/sql/DatabaseMetaData columnNullableUnknown
java/sql/DatabaseMetaData bestRowTemporary
java/sql/DatabaseMetaData bestRowTransaction
java/sql/DatabaseMetaData bestRowSession
java/sql/DatabaseMetaData
bestRowUnknown
java/sql/DatabaseMetaData bestRowNotPseudo
java/sql/DatabaseMetaData bestRowPseudo
java/sql/DatabaseMetaData versionColumnUnknown
java/sql/DatabaseMetaData versionColumnNotPseudo

java/sql/DatabaseMetaData versionColumnPseudo
java/sql/DatabaseMetaData importedKeyCascade
java/sql/DatabaseMetaData importedKeyRestrict
java/sql/DatabaseMetaData importedKeySetNull
java/sql/DatabaseMetaData importedKeyNoAction
java/sql/DatabaseMetaData importedKeySetDefault
java/sql/DatabaseMetaData importedKeyInitiallyDeferred
java/sql/DatabaseMetaData importedKeyInitiallyImmediate
java/sql/DatabaseMetaData importedKeyNotDeferrable
java/sql/DatabaseMetaData typeNoNulls
java/sql/DatabaseMetaData typeNullable
java/sql/DatabaseMetaData typeNullableUnknown
java/sql/DatabaseMetaData typePredNone
java/sql/DatabaseMetaData typePredChar
java/sql/DatabaseMetaData typePredBasic
java/sql/DatabaseMetaData typeSearchable
java/sql/DatabaseMetaData tableIndexStatistic
java/sql/DatabaseMetaData tableIndexClustered
java/sql/DatabaseMetaData
tableIndexHashed
java/sql/DatabaseMetaData tableIndexOther
java/sql/DatabaseMetaData attributeNoNulls
java/sql/DatabaseMetaData attributeNullable
java/sql/DatabaseMetaData attributeNullableUnknown
java/sql/DatabaseMetaData sqlStateXOpen
java/sql/DatabaseMetaData sqlStateSQL99
java/sql/DatabaseMetaData allProceduresAreCallable()Z
java/sql/DatabaseMetaData allTablesAreSelectable()Z
java/sql/DatabaseMetaData getURL()Ljava/lang/String;
java/sql/DatabaseMetaData getUserName()Ljava/lang/String;
java/sql/DatabaseMetaData isReadOnly()Z
java/sql/DatabaseMetaData nullsAreSortedHigh()Z
java/sql/DatabaseMetaData nullsAreSortedLow()Z
java/sql/DatabaseMetaData nullsAreSortedAtStart()Z
java/sql/DatabaseMetaData nullsAreSortedAtEnd()Z
java/sql/DatabaseMetaData getDatabaseProductName()Ljava/lang/String;
java/sql/DatabaseMetaData getDatabaseProductVersion()Ljava/lang/String;
java/sql/DatabaseMetaData getDriverName()Ljava/lang/String;
java/sql/DatabaseMetaData getDriverVersion()Ljava/lang/String;
java/sql/DatabaseMetaData
getDriverMajorVersion()I
java/sql/DatabaseMetaData getDriverMinorVersion()I
java/sql/DatabaseMetaData usesLocalFiles()Z
java/sql/DatabaseMetaData usesLocalFilePerTable()Z
java/sql/DatabaseMetaData supportsMixedCaseIdentifiers()Z
java/sql/DatabaseMetaData storesUpperCaseIdentifiers()Z
java/sql/DatabaseMetaData storesLowerCaseIdentifiers()Z
java/sql/DatabaseMetaData storesMixedCaseIdentifiers()Z

java/sql/DatabaseMetaData supportsMixedCaseQuotedIdentifiers()Z
java/sql/DatabaseMetaData storesUpperCaseQuotedIdentifiers()Z
java/sql/DatabaseMetaData storesLowerCaseQuotedIdentifiers()Z
java/sql/DatabaseMetaData storesMixedCaseQuotedIdentifiers()Z
java/sql/DatabaseMetaData getIdentifierQuoteString()Ljava/lang/String;
java/sql/DatabaseMetaData getSQLKeywords()Ljava/lang/String;
java/sql/DatabaseMetaData getNumericFunctions()Ljava/lang/String;
java/sql/DatabaseMetaData getStringFunctions()Ljava/lang/String;
java/sql/DatabaseMetaData getSystemFunctions()Ljava/lang/String;
java/sql/DatabaseMetaData
getTimeDateFunctions()Ljava/lang/String;
java/sql/DatabaseMetaData getSearchStringEscape()Ljava/lang/String;
java/sql/DatabaseMetaData getExtraNameCharacters()Ljava/lang/String;
java/sql/DatabaseMetaData supportsAlterTableWithAddColumn()Z
java/sql/DatabaseMetaData supportsAlterTableWithDropColumn()Z
java/sql/DatabaseMetaData supportsColumnAliasing()Z
java/sql/DatabaseMetaData nullPlusNonNullIsNull()Z
java/sql/DatabaseMetaData supportsConvert()Z
java/sql/DatabaseMetaData supportsConvert(II)Z
java/sql/DatabaseMetaData supportsTableCorrelationNames()Z
java/sql/DatabaseMetaData supportsDifferentTableCorrelationNames()Z
java/sql/DatabaseMetaData supportsExpressionsInOrderBy()Z
java/sql/DatabaseMetaData supportsOrderByUnrelated()Z
java/sql/DatabaseMetaData supportsGroupBy()Z
java/sql/DatabaseMetaData supportsGroupByUnrelated()Z
java/sql/DatabaseMetaData supportsGroupByBeyondSelect()Z
java/sql/DatabaseMetaData supportsLikeEscapeClause()Z
java/sql/DatabaseMetaData
supportsMultipleResultSets()Z
java/sql/DatabaseMetaData supportsMultipleTransactions()Z
java/sql/DatabaseMetaData supportsNonNullableColumns()Z
java/sql/DatabaseMetaData supportsMinimumSQLGrammar()Z
java/sql/DatabaseMetaData supportsCoreSQLGrammar()Z
java/sql/DatabaseMetaData supportsExtendedSQLGrammar()Z
java/sql/DatabaseMetaData supportsANSI92EntryLevelSQL()Z
java/sql/DatabaseMetaData supportsANSI92IntermediateSQL()Z
java/sql/DatabaseMetaData supportsANSI92FullSQL()Z
java/sql/DatabaseMetaData supportsIntegrityEnhancementFacility()Z
java/sql/DatabaseMetaData supportsOuterJoins()Z
java/sql/DatabaseMetaData supportsFullOuterJoins()Z
java/sql/DatabaseMetaData supportsLimitedOuterJoins()Z
java/sql/DatabaseMetaData getSchemaTerm()Ljava/lang/String;
java/sql/DatabaseMetaData getProcedureTerm()Ljava/lang/String;
java/sql/DatabaseMetaData getCatalogTerm()Ljava/lang/String;
java/sql/DatabaseMetaData isCatalogAtStart()Z
java/sql/DatabaseMetaData getCatalogSeparator()Ljava/lang/String;
java/sql/DatabaseMetaData

supportsSchemasInDataManipulation()Z
java/sql/DatabaseMetaData supportsSchemasInProcedureCalls()Z
java/sql/DatabaseMetaData supportsSchemasInTableDefinitions()Z
java/sql/DatabaseMetaData supportsSchemasInIndexDefinitions()Z
java/sql/DatabaseMetaData supportsSchemasInPrivilegeDefinitions()Z
java/sql/DatabaseMetaData supportsCatalogsInDataManipulation()Z
java/sql/DatabaseMetaData supportsCatalogsInProcedureCalls()Z
java/sql/DatabaseMetaData supportsCatalogsInTableDefinitions()Z
java/sql/DatabaseMetaData supportsCatalogsInIndexDefinitions()Z
java/sql/DatabaseMetaData supportsCatalogsInPrivilegeDefinitions()Z
java/sql/DatabaseMetaData supportsPositionedDelete()Z
java/sql/DatabaseMetaData supportsPositionedUpdate()Z
java/sql/DatabaseMetaData supportsSelectForUpdate()Z
java/sql/DatabaseMetaData supportsStoredProcedures()Z
java/sql/DatabaseMetaData supportsSubqueriesInComparisons()Z
java/sql/DatabaseMetaData supportsSubqueriesInExists()Z
java/sql/DatabaseMetaData
supportsSubqueriesInIns()Z
java/sql/DatabaseMetaData supportsSubqueriesInQuantifieds()Z
java/sql/DatabaseMetaData supportsCorrelatedSubqueries()Z
java/sql/DatabaseMetaData supportsUnion()Z
java/sql/DatabaseMetaData supportsUnionAll()Z
java/sql/DatabaseMetaData supportsOpenCursorsAcrossCommit()Z
java/sql/DatabaseMetaData supportsOpenCursorsAcrossRollback()Z
java/sql/DatabaseMetaData supportsOpenStatementsAcrossCommit()Z
java/sql/DatabaseMetaData supportsOpenStatementsAcrossRollback()Z
java/sql/DatabaseMetaData getMaxBinaryLiteralLength()I
java/sql/DatabaseMetaData getMaxCharLiteralLength()I
java/sql/DatabaseMetaData getMaxColumnNameLength()I
java/sql/DatabaseMetaData getMaxColumnsInGroupBy()I
java/sql/DatabaseMetaData getMaxColumnsInIndex()I
java/sql/DatabaseMetaData getMaxColumnsInOrderBy()I
java/sql/DatabaseMetaData getMaxColumnsInSelect()I
java/sql/DatabaseMetaData getMaxColumnsInTable()I
java/sql/DatabaseMetaData getMaxConnections()I
java/sql/DatabaseMetaData getMaxCursorNameLength()I
java/sql/DatabaseMetaData
getMaxIndexLength()I
java/sql/DatabaseMetaData getMaxSchemaNameLength()I
java/sql/DatabaseMetaData getMaxProcedureNameLength()I
java/sql/DatabaseMetaData getMaxCatalogNameLength()I
java/sql/DatabaseMetaData getMaxRowSize()I
java/sql/DatabaseMetaData doesMaxRowSizeIncludeBlobs()Z
java/sql/DatabaseMetaData getMaxStatementLength()I
java/sql/DatabaseMetaData getMaxStatements()I
java/sql/DatabaseMetaData getMaxTableNameLength()I
java/sql/DatabaseMetaData getMaxTablesInSelect()I
java/sql/DatabaseMetaData getMaxUserNameLength()I

java/sql/DatabaseMetaData getDefaultTransactionIsolation()I
java/sql/DatabaseMetaData supportsTransactions()Z
java/sql/DatabaseMetaData supportsTransactionIsolationLevel(I)Z
java/sql/DatabaseMetaData supportsDataDefinitionAndDataManipulationTransactions()Z
java/sql/DatabaseMetaData supportsDataManipulationTransactionsOnly()Z
java/sql/DatabaseMetaData dataDefinitionCausesTransactionCommit()Z
java/sql/DatabaseMetaData dataDefinitionIgnoredInTransactions()Z
java/sql/DatabaseMetaData
getProcedures(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getProcedureColumns(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getTables(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;[Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData getSchemas()Ljava/sql/ResultSet;
java/sql/DatabaseMetaData getCatalogs()Ljava/sql/ResultSet;
java/sql/DatabaseMetaData getTableTypes()Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getColumns(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getColumnPrivileges(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getTablePrivileges(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getBestRowIdentifier(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;IZ)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getVersionColumns(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getPrimaryKeys(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getImportedKeys(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getExportedKeys(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getCrossReference(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava
/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData getTypeInfo()Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getIndexInfo(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;ZZ)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData supportsResultSetType(I)Z
java/sql/DatabaseMetaData
supportsResultSetConcurrency(II)Z
java/sql/DatabaseMetaData ownUpdatesAreVisible(I)Z
java/sql/DatabaseMetaData ownDeletesAreVisible(I)Z
java/sql/DatabaseMetaData ownInsertsAreVisible(I)Z
java/sql/DatabaseMetaData othersUpdatesAreVisible(I)Z
java/sql/DatabaseMetaData othersDeletesAreVisible(I)Z
java/sql/DatabaseMetaData othersInsertsAreVisible(I)Z
java/sql/DatabaseMetaData updatesAreDetected(I)Z

java/sql/DatabaseMetaData deletesAreDetected(I)Z
java/sql/DatabaseMetaData insertsAreDetected(I)Z
java/sql/DatabaseMetaData supportsBatchUpdates()Z
java/sql/DatabaseMetaData getUDTs(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;[I)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData getConnection()Ljava/sql/Connection;
java/sql/DatabaseMetaData supportsSavepoints()Z
java/sql/DatabaseMetaData supportsNamedParameters()Z
java/sql/DatabaseMetaData supportsMultipleOpenResults()Z
java/sql/DatabaseMetaData supportsGetGeneratedKeys()Z
java/sql/DatabaseMetaData
getSuperTypes(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getSuperTables(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData
getAttributes(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/DatabaseMetaData supportsResultSetHoldability(I)Z
java/sql/DatabaseMetaData getResultSetHoldability()I
java/sql/DatabaseMetaData getDatabaseMajorVersion()I
java/sql/DatabaseMetaData getDatabaseMinorVersion()I
java/sql/DatabaseMetaData getJDBCMajorVersion()I
java/sql/DatabaseMetaData getJDBCMinorVersion()I
java/sql/DatabaseMetaData getSQLStateType()I
java/sql/DatabaseMetaData locatorsUpdateCopy()Z
java/sql/DatabaseMetaData supportsStatementPooling()Z
class java/sql/Date java/util/Date
java/sql/Date serialVersionUID
java/sql/Date <init>(III)V
java/sql/Date <init>(J)V
java/sql/Date setTime(J)V
java/sql/Date valueOf(Ljava/lang/String;)Ljava/sql/Date;
java/sql/Date
toString()Ljava/lang/String;
java/sql/Date getHours()I
java/sql/Date getMinutes()I
java/sql/Date getSeconds()I
java/sql/Date setHours(I)V
java/sql/Date setMinutes(I)V
java/sql/Date setSeconds(I)V
class java/sql/Driver java/lang/Object
java/sql/Driver connect(Ljava/lang/String;Ljava/util/Properties;)Ljava/sql/Connection;
java/sql/Driver acceptsURL(Ljava/lang/String;)Z
java/sql/Driver getPropertyInfo(Ljava/lang/String;Ljava/util/Properties;)[Ljava/sql/DriverPropertyInfo;
java/sql/Driver getMajorVersion()I
java/sql/Driver getMinorVersion()I
java/sql/Driver jdbcCompliant()Z
class java/sql/DriverInfo java/lang/Object
java/sql/DriverInfo driver
java/sql/DriverInfo driverClass

java/sql/DriverInfo driverClassName
java/sql/DriverInfo <init>()V
java/sql/DriverInfo toString()Ljava/lang/String;
class java/sql/DriverManager java/lang/Object
java/sql/DriverManager SET_LOG_PERMISSION
java/sql/DriverManager drivers
java/sql/DriverManager loginTimeout
java/sql/DriverManager logWriter
java/sql/DriverManager
logStream
java/sql/DriverManager initialized
java/sql/DriverManager logSync
java/sql/DriverManager getLogWriter()Ljava/io/PrintWriter;
java/sql/DriverManager setLogWriter(Ljava/io/PrintWriter;)V
java/sql/DriverManager getConnection(Ljava/lang/String;Ljava/util/Properties;)Ljava/sql/Connection;
java/sql/DriverManager
getConnection(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/sql/Connection;
java/sql/DriverManager getConnection(Ljava/lang/String;)Ljava/sql/Connection;
java/sql/DriverManager getDriver(Ljava/lang/String;)Ljava/sql/Driver;
java/sql/DriverManager registerDriver(Ljava/sql/Driver;)V
java/sql/DriverManager deregisterDriver(Ljava/sql/Driver;)V
java/sql/DriverManager getDrivers()Ljava/util/Enumeration;
java/sql/DriverManager setLoginTimeout(I)V
java/sql/DriverManager getLoginTimeout()I
java/sql/DriverManager setLogStream(Ljava/io/PrintStream;)V
java/sql/DriverManager getLogStream()Ljava/io/PrintStream;
java/sql/DriverManager println(Ljava/lang/String;)V
java/sql/DriverManager
getCallerClass(Ljava/lang/ClassLoader;Ljava/lang/String;)Ljava/lang/Class;
java/sql/DriverManager loadInitialDrivers()V
java/sql/DriverManager
getConnection(Ljava/lang/String;Ljava/util/Properties;Ljava/lang/ClassLoader;)Ljava/sql/Connection;
java/sql/DriverManager initialize()V
java/sql/DriverManager <init>()V
java/sql/DriverManager getCallerClassLoader()Ljava/lang/ClassLoader;
java/sql/DriverManager <clinit>()V
class java/sql/DriverPropertyInfo java/lang/Object
java/sql/DriverPropertyInfo name
java/sql/DriverPropertyInfo description
java/sql/DriverPropertyInfo required
java/sql/DriverPropertyInfo value
java/sql/DriverPropertyInfo choices
java/sql/DriverPropertyInfo <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/sql/ParameterMetaData java/lang/Object
java/sql/ParameterMetaData parameterNoNulls
java/sql/ParameterMetaData parameterNullable
java/sql/ParameterMetaData parameterNullableUnknown
java/sql/ParameterMetaData parameterModeUnknown

java/sql/ParameterMetaData
parameterModeIn
java/sql/ParameterMetaData parameterModeInOut
java/sql/ParameterMetaData parameterModeOut
java/sql/ParameterMetaData getParameterCount()I
java/sql/ParameterMetaData isNullable(I)I
java/sql/ParameterMetaData isSigned(I)Z
java/sql/ParameterMetaData getPrecision(I)I
java/sql/ParameterMetaData getScale(I)I
java/sql/ParameterMetaData getParameterType(I)I
java/sql/ParameterMetaData getParameterTypeName(I)Ljava/lang/String;
java/sql/ParameterMetaData getParameterClassName(I)Ljava/lang/String;
java/sql/ParameterMetaData getParameterMode(I)I
class java/sql/PreparedStatement java/lang/Object
java/sql/PreparedStatement executeQuery()Ljava/sql/ResultSet;
java/sql/PreparedStatement executeUpdate()I
java/sql/PreparedStatement setNull(II)V
java/sql/PreparedStatement setBoolean(IZ)V
java/sql/PreparedStatement setByte(IB)V
java/sql/PreparedStatement setShort(IS)V
java/sql/PreparedStatement setInt(II)V
java/sql/PreparedStatement setLong(IJ)V
java/sql/PreparedStatement setFloat(IF)V
java/sql/PreparedStatement
setDouble(ID)V
java/sql/PreparedStatement setBigDecimal(ILjava/math/BigDecimal;)V
java/sql/PreparedStatement setString(ILjava/lang/String;)V
java/sql/PreparedStatement setBytes(I[B)V
java/sql/PreparedStatement setDate(ILjava/sql/Date;)V
java/sql/PreparedStatement setTime(ILjava/sql/Time;)V
java/sql/PreparedStatement setTimestamp(ILjava/sql/Timestamp;)V
java/sql/PreparedStatement setAsciiStream(ILjava/io/InputStream;I)V
java/sql/PreparedStatement setUnicodeStream(ILjava/io/InputStream;I)V
java/sql/PreparedStatement setBinaryStream(ILjava/io/InputStream;I)V
java/sql/PreparedStatement clearParameters()V
java/sql/PreparedStatement setObject(ILjava/lang/Object;II)V
java/sql/PreparedStatement setObject(ILjava/lang/Object;I)V
java/sql/PreparedStatement setObject(ILjava/lang/Object;)V
java/sql/PreparedStatement execute()Z
java/sql/PreparedStatement addBatch()V
java/sql/PreparedStatement setCharacterStream(ILjava/io/Reader;I)V
java/sql/PreparedStatement setRef(ILjava/sql/Ref;)V
java/sql/PreparedStatement
setBlob(ILjava/sql/Blob;)V
java/sql/PreparedStatement setClob(ILjava/sql/Clob;)V
java/sql/PreparedStatement setArray(ILjava/sql/Array;)V
java/sql/PreparedStatement getMetaData()Ljava/sql/ResultSetMetaData;
java/sql/PreparedStatement setDate(ILjava/sql/Date;Ljava/util/Calendar;)V

java/sql/PreparedStatement setTime(ILjava/sql/Time;Ljava/util/Calendar;)V
java/sql/PreparedStatement setTimestamp(ILjava/sql/Timestamp;Ljava/util/Calendar;)V
java/sql/PreparedStatement setNull(IILjava/lang/String;)V
java/sql/PreparedStatement setURL(ILjava/net/URL;)V
java/sql/PreparedStatement getParameterMetaData()Ljava/sql/ParameterMetaData;
class java/sql/Ref java/lang/Object
java/sql/Ref getBaseTypeName()Ljava/lang/String;
java/sql/Ref getObject(Ljava/util/Map;)Ljava/lang/Object;
java/sql/Ref getObject()Ljava/lang/Object;
java/sql/Ref setObject(Ljava/lang/Object;)V
class java/sql/ResultSet java/lang/Object
java/sql/ResultSet FETCH_FORWARD
java/sql/ResultSet FETCH_REVERSE
java/sql/ResultSet
FETCH_UNKNOWN
java/sql/ResultSet TYPE_FORWARD_ONLY
java/sql/ResultSet TYPE_SCROLL_INSENSITIVE
java/sql/ResultSet TYPE_SCROLL_SENSITIVE
java/sql/ResultSet CONCUR_READ_ONLY
java/sql/ResultSet CONCUR_UPDATABLE
java/sql/ResultSet HOLD_CURSORS_OVER_COMMIT
java/sql/ResultSet CLOSE_CURSORS_AT_COMMIT
java/sql/ResultSet next()Z
java/sql/ResultSet close()V
java/sql/ResultSet wasNull()Z
java/sql/ResultSet getString(I)Ljava/lang/String;
java/sql/ResultSet getBoolean(I)Z
java/sql/ResultSet getByte(I)B
java/sql/ResultSet getShort(I)S
java/sql/ResultSet getInt(I)I
java/sql/ResultSet getLong(I)J
java/sql/ResultSet getFloat(I)F
java/sql/ResultSet getDouble(I)D
java/sql/ResultSet getBigDecimal(II)Ljava/math/BigDecimal;
java/sql/ResultSet getBytes(I)[B
java/sql/ResultSet getDate(I)Ljava/sql/Date;
java/sql/ResultSet getTime(I)Ljava/sql/Time;
java/sql/ResultSet getTimestamp(I)Ljava/sql/Timestamp;
java/sql/ResultSet getAsciiStream(I)Ljava/io/InputStream;
java/sql/ResultSet getUnicodeStream(I)Ljava/io/InputStream;
java/sql/ResultSet
getBinaryStream(I)Ljava/io/InputStream;
java/sql/ResultSet getString(Ljava/lang/String;)Ljava/lang/String;
java/sql/ResultSet getBoolean(Ljava/lang/String;)Z
java/sql/ResultSet getByte(Ljava/lang/String;)B
java/sql/ResultSet getShort(Ljava/lang/String;)S
java/sql/ResultSet getInt(Ljava/lang/String;)I
java/sql/ResultSet getLong(Ljava/lang/String;)J

java/sql/ResultSet getFloat(Ljava/lang/String;)F
java/sql/ResultSet getDouble(Ljava/lang/String;)D
java/sql/ResultSet getBigDecimal(Ljava/lang/String;I)Ljava/math/BigDecimal;
java/sql/ResultSet getBytes(Ljava/lang/String;)[B
java/sql/ResultSet getDate(Ljava/lang/String;)Ljava/sql/Date;
java/sql/ResultSet getTime(Ljava/lang/String;)Ljava/sql/Time;
java/sql/ResultSet getTimestamp(Ljava/lang/String;)Ljava/sql/Timestamp;
java/sql/ResultSet getAsciiStream(Ljava/lang/String;)Ljava/io/InputStream;
java/sql/ResultSet getUnicodeStream(Ljava/lang/String;)Ljava/io/InputStream;
java/sql/ResultSet getBinaryStream(Ljava/lang/String;)Ljava/io/InputStream;
java/sql/ResultSet
getWarnings()Ljava/sql/SQLWarning;
java/sql/ResultSet clearWarnings()V
java/sql/ResultSet getCursorName()Ljava/lang/String;
java/sql/ResultSet getMetaData()Ljava/sql/ResultSetMetaData;
java/sql/ResultSet getObject(I)Ljava/lang/Object;
java/sql/ResultSet getObject(Ljava/lang/String;)Ljava/lang/Object;
java/sql/ResultSet findColumn(Ljava/lang/String;)I
java/sql/ResultSet getCharacterStream(I)Ljava/io/Reader;
java/sql/ResultSet getCharacterStream(Ljava/lang/String;)Ljava/io/Reader;
java/sql/ResultSet getBigDecimal(I)Ljava/math/BigDecimal;
java/sql/ResultSet getBigDecimal(Ljava/lang/String;)Ljava/math/BigDecimal;
java/sql/ResultSet isBeforeFirst()Z
java/sql/ResultSet isAfterLast()Z
java/sql/ResultSet isFirst()Z
java/sql/ResultSet isLast()Z
java/sql/ResultSet beforeFirst()V
java/sql/ResultSet afterLast()V
java/sql/ResultSet first()Z
java/sql/ResultSet last()Z
java/sql/ResultSet getRow()I
java/sql/ResultSet absolute(I)Z
java/sql/ResultSet
relative(I)Z
java/sql/ResultSet previous()Z
java/sql/ResultSet setFetchDirection(I)V
java/sql/ResultSet getFetchDirection()I
java/sql/ResultSet setFetchSize(I)V
java/sql/ResultSet getFetchSize()I
java/sql/ResultSet getType()I
java/sql/ResultSet getConcurrency()I
java/sql/ResultSet rowUpdated()Z
java/sql/ResultSet rowInserted()Z
java/sql/ResultSet rowDeleted()Z
java/sql/ResultSet updateNull(I)V
java/sql/ResultSet updateBoolean(IZ)V
java/sql/ResultSet updateByte(IB)V
java/sql/ResultSet updateShort(IS)V

java/sql/ResultSet updateInt(II)V
java/sql/ResultSet updateLong(IJ)V
java/sql/ResultSet updateFloat(IF)V
java/sql/ResultSet updateDouble(ID)V
java/sql/ResultSet updateBigDecimal(ILjava/math/BigDecimal;)V
java/sql/ResultSet updateString(ILjava/lang/String;)V
java/sql/ResultSet updateBytes(I[B)V
java/sql/ResultSet updateDate(ILjava/sql/Date;)V
java/sql/ResultSet updateTime(ILjava/sql/Time;)V
java/sql/ResultSet updateTimestamp(ILjava/sql/Timestamp;)V
java/sql/ResultSet updateAsciiStream(ILjava/io/InputStream;I)V
java/sql/ResultSet
updateBinaryStream(ILjava/io/InputStream;I)V
java/sql/ResultSet updateCharacterStream(ILjava/io/Reader;I)V
java/sql/ResultSet updateObject(ILjava/lang/Object;I)V
java/sql/ResultSet updateObject(ILjava/lang/Object;)V
java/sql/ResultSet updateNull(Ljava/lang/String;)V
java/sql/ResultSet updateBoolean(Ljava/lang/String;Z)V
java/sql/ResultSet updateByte(Ljava/lang/String;B)V
java/sql/ResultSet updateShort(Ljava/lang/String;S)V
java/sql/ResultSet updateInt(Ljava/lang/String;I)V
java/sql/ResultSet updateLong(Ljava/lang/String;J)V
java/sql/ResultSet updateFloat(Ljava/lang/String;F)V
java/sql/ResultSet updateDouble(Ljava/lang/String;D)V
java/sql/ResultSet updateBigDecimal(Ljava/lang/String;Ljava/math/BigDecimal;)V
java/sql/ResultSet updateString(Ljava/lang/String;Ljava/lang/String;)V
java/sql/ResultSet updateBytes(Ljava/lang/String;[B)V
java/sql/ResultSet updateDate(Ljava/lang/String;Ljava/sql/Date;)V
java/sql/ResultSet updateTime(Ljava/lang/String;Ljava/sql/Time;)V
java/sql/ResultSet
updateTimestamp(Ljava/lang/String;Ljava/sql/Timestamp;)V
java/sql/ResultSet updateAsciiStream(Ljava/lang/String;Ljava/io/InputStream;I)V
java/sql/ResultSet updateBinaryStream(Ljava/lang/String;Ljava/io/InputStream;I)V
java/sql/ResultSet updateCharacterStream(Ljava/lang/String;Ljava/io/Reader;I)V
java/sql/ResultSet updateObject(Ljava/lang/String;Ljava/lang/Object;I)V
java/sql/ResultSet updateObject(Ljava/lang/String;Ljava/lang/Object;)V
java/sql/ResultSet insertRow()V
java/sql/ResultSet updateRow()V
java/sql/ResultSet deleteRow()V
java/sql/ResultSet refreshRow()V
java/sql/ResultSet cancelRowUpdates()V
java/sql/ResultSet moveToInsertRow()V
java/sql/ResultSet moveToCurrentRow()V
java/sql/ResultSet getStatement()Ljava/sql/Statement;
java/sql/ResultSet getObject(ILjava/util/Map;)Ljava/lang/Object;
java/sql/ResultSet getRef(I)Ljava/sql/Ref;
java/sql/ResultSet getBlob(I)Ljava/sql/Blob;
java/sql/ResultSet getClob(I)Ljava/sql/Clob;

java/sql/ResultSet
 getArray(I)Ljava/sql/Array;
java/sql/ResultSet getObject(Ljava/lang/String;Ljava/util/Map;)Ljava/lang/Object;
java/sql/ResultSet getRef(Ljava/lang/String;)Ljava/sql/Ref;
java/sql/ResultSet getBlob(Ljava/lang/String;)Ljava/sql/Blob;
java/sql/ResultSet getClob(Ljava/lang/String;)Ljava/sql/Clob;
java/sql/ResultSet getArray(Ljava/lang/String;)Ljava/sql/Array;
java/sql/ResultSet getDate(ILjava/util/Calendar;)Ljava/sql/Date;
java/sql/ResultSet getDate(Ljava/lang/String;Ljava/util/Calendar;)Ljava/sql/Date;
java/sql/ResultSet getTime(ILjava/util/Calendar;)Ljava/sql/Time;
java/sql/ResultSet getTime(Ljava/lang/String;Ljava/util/Calendar;)Ljava/sql/Time;
java/sql/ResultSet getTimestamp(ILjava/util/Calendar;)Ljava/sql/Timestamp;
java/sql/ResultSet getTimestamp(Ljava/lang/String;Ljava/util/Calendar;)Ljava/sql/Timestamp;
java/sql/ResultSet getURL(I)Ljava/net/URL;
java/sql/ResultSet getURL(Ljava/lang/String;)Ljava/net/URL;
java/sql/ResultSet updateRef(ILjava/sql/Ref;)V
java/sql/ResultSet updateRef(Ljava/lang/String;Ljava/sql/Ref;)V
java/sql/ResultSet
 updateBlob(ILjava/sql/Blob;)V
java/sql/ResultSet updateBlob(Ljava/lang/String;Ljava/sql/Blob;)V
java/sql/ResultSet updateClob(ILjava/sql/Clob;)V
java/sql/ResultSet updateClob(Ljava/lang/String;Ljava/sql/Clob;)V
java/sql/ResultSet updateArray(ILjava/sql/Array;)V
java/sql/ResultSet updateArray(Ljava/lang/String;Ljava/sql/Array;)V
class java/sql/ResultSetMetaData java/lang/Object
java/sql/ResultSetMetaData columnNoNulls
java/sql/ResultSetMetaData columnNullable
java/sql/ResultSetMetaData columnNullableUnknown
java/sql/ResultSetMetaData getColumnCount()I
java/sql/ResultSetMetaData isAutoIncrement(I)Z
java/sql/ResultSetMetaData isCaseSensitive(I)Z
java/sql/ResultSetMetaData isSearchable(I)Z
java/sql/ResultSetMetaData isCurrency(I)Z
java/sql/ResultSetMetaData isNullable(I)I
java/sql/ResultSetMetaData isSigned(I)Z
java/sql/ResultSetMetaData getColumnDisplaySize(I)I
java/sql/ResultSetMetaData getColumnLabel(I)Ljava/lang/String;
java/sql/ResultSetMetaData
 getColumnName(I)Ljava/lang/String;
java/sql/ResultSetMetaData getSchemaName(I)Ljava/lang/String;
java/sql/ResultSetMetaData getPrecision(I)I
java/sql/ResultSetMetaData getScale(I)I
java/sql/ResultSetMetaData getTableName(I)Ljava/lang/String;
java/sql/ResultSetMetaData getCatalogName(I)Ljava/lang/String;
java/sql/ResultSetMetaData getColumnType(I)I
java/sql/ResultSetMetaData getColumnTypeName(I)Ljava/lang/String;
java/sql/ResultSetMetaData isReadOnly(I)Z
java/sql/ResultSetMetaData isWritable(I)Z

java/sql/ResultSetMetaData isDefinitelyWritable(I)Z
java/sql/ResultSetMetaData getColumnClassName(I)Ljava/lang/String;
class java/sql/SQLData java/lang/Object
java/sql/SQLData getSQLTypeName()Ljava/lang/String;
java/sql/SQLData readSQL(Ljava/sql/SQLInput;Ljava/lang/String;)V
java/sql/SQLData writeSQL(Ljava/sql/SQLOutput;)V
class java/sql/SQLException java/lang/Exception
java/sql/SQLException SQLState
java/sql/SQLException vendorCode
java/sql/SQLException next
java/sql/SQLException
 <init>(Ljava/lang/String;Ljava/lang/String;I)V
java/sql/SQLException <init>(Ljava/lang/String;Ljava/lang/String;)V
java/sql/SQLException <init>(Ljava/lang/String;)V
java/sql/SQLException <init>()V
java/sql/SQLException getSQLState()Ljava/lang/String;
java/sql/SQLException getErrorCode()I
java/sql/SQLException getNextException()Ljava/sql/SQLException;
java/sql/SQLException setNextException(Ljava/sql/SQLException;)V
class java/sql/SQLInput java/lang/Object
java/sql/SQLInput readString()Ljava/lang/String;
java/sql/SQLInput readBoolean()Z
java/sql/SQLInput readByte()B
java/sql/SQLInput readShort()S
java/sql/SQLInput readInt()I
java/sql/SQLInput readLong()J
java/sql/SQLInput readFloat()F
java/sql/SQLInput readDouble()D
java/sql/SQLInput readBigDecimal()Ljava/math/BigDecimal;
java/sql/SQLInput readBytes()[B
java/sql/SQLInput readDate()Ljava/sql/Date;
java/sql/SQLInput readTime()Ljava/sql/Time;
java/sql/SQLInput readTimestamp()Ljava/sql/Timestamp;
java/sql/SQLInput readCharacterStream()Ljava/io/Reader;
java/sql/SQLInput
 readAsciiStream()Ljava/io/InputStream;
java/sql/SQLInput readBinaryStream()Ljava/io/InputStream;
java/sql/SQLInput readObject()Ljava/lang/Object;
java/sql/SQLInput readRef()Ljava/sql/Ref;
java/sql/SQLInput readBlob()Ljava/sql/Blob;
java/sql/SQLInput readClob()Ljava/sql/Clob;
java/sql/SQLInput readArray()Ljava/sql/Array;
java/sql/SQLInput wasNull()Z
java/sql/SQLInput readURL()Ljava/net/URL;
class java/sql/SQLOutput java/lang/Object
java/sql/SQLOutput writeString(Ljava/lang/String;)V
java/sql/SQLOutput writeBoolean(Z)V
java/sql/SQLOutput writeByte(B)V

java/sql/SQLOutput writeShort(S)V
java/sql/SQLOutput writeInt(I)V
java/sql/SQLOutput writeLong(J)V
java/sql/SQLOutput writeFloat(F)V
java/sql/SQLOutput writeDouble(D)V
java/sql/SQLOutput writeBigDecimal(Ljava/math/BigDecimal;)V
java/sql/SQLOutput writeBytes([B)V
java/sql/SQLOutput writeDate(Ljava/sql/Date;)V
java/sql/SQLOutput writeTime(Ljava/sql/Time;)V
java/sql/SQLOutput writeTimestamp(Ljava/sql/Timestamp;)V
java/sql/SQLOutput
writeCharacterStream(Ljava/io/Reader;)V
java/sql/SQLOutput writeAsciiStream(Ljava/io/InputStream;)V
java/sql/SQLOutput writeBinaryStream(Ljava/io/InputStream;)V
java/sql/SQLOutput writeObject(Ljava/sql/SQLData;)V
java/sql/SQLOutput writeRef(Ljava/sql/Ref;)V
java/sql/SQLOutput writeBlob(Ljava/sql/Blob;)V
java/sql/SQLOutput writeClob(Ljava/sql/Clob;)V
java/sql/SQLOutput writeStruct(Ljava/sql/Struct;)V
java/sql/SQLOutput writeArray(Ljava/sql/Array;)V
java/sql/SQLOutput writeURL(Ljava/net/URL;)V
class java/sql/SQLPermission java/security/BasicPermission
java/sql/SQLPermission serialVersionUID
java/sql/SQLPermission <init>(Ljava/lang/String;)V
java/sql/SQLPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/sql/SQLWarning java/sql/SQLException
java/sql/SQLWarning <init>(Ljava/lang/String;Ljava/lang/String;I)V
java/sql/SQLWarning <init>(Ljava/lang/String;Ljava/lang/String;)V
java/sql/SQLWarning <init>(Ljava/lang/String;)V
java/sql/SQLWarning <init>()V
java/sql/SQLWarning
getNextWarning()Ljava/sql/SQLWarning;
java/sql/SQLWarning setNextWarning(Ljava/sql/SQLWarning;)V
class java/sql/Savepoint java/lang/Object
java/sql/Savepoint getSavepointId()I
java/sql/Savepoint getSavepointName()Ljava/lang/String;
class java/sql/Statement java/lang/Object
java/sql/Statement CLOSE_CURRENT_RESULT
java/sql/Statement KEEP_CURRENT_RESULT
java/sql/Statement CLOSE_ALL_RESULTS
java/sql/Statement SUCCESS_NO_INFO
java/sql/Statement EXECUTE_FAILED
java/sql/Statement RETURN_GENERATED_KEYS
java/sql/Statement NO_GENERATED_KEYS
java/sql/Statement executeQuery(Ljava/lang/String;)Ljava/sql/ResultSet;
java/sql/Statement executeUpdate(Ljava/lang/String;)I
java/sql/Statement close()V
java/sql/Statement getMaxFieldSize()I

java/sql/Statement setMaxFieldSize(I)V
java/sql/Statement getMaxRows()I
java/sql/Statement setMaxRows(I)V
java/sql/Statement setEscapeProcessing(Z)V
java/sql/Statement getQueryTimeout()I
java/sql/Statement setQueryTimeout(I)V
java/sql/Statement cancel()V
java/sql/Statement
getWarnings()Ljava/sql/SQLWarning;
java/sql/Statement clearWarnings()V
java/sql/Statement setCursorName(Ljava/lang/String;)V
java/sql/Statement execute(Ljava/lang/String;)Z
java/sql/Statement getResultSet()Ljava/sql/ResultSet;
java/sql/Statement getUpdateCount()I
java/sql/Statement getMoreResults()Z
java/sql/Statement setFetchDirection(I)V
java/sql/Statement getFetchDirection()I
java/sql/Statement setFetchSize(I)V
java/sql/Statement getFetchSize()I
java/sql/Statement getResultSetConcurrency()I
java/sql/Statement getResultSetType()I
java/sql/Statement addBatch(Ljava/lang/String;)V
java/sql/Statement clearBatch()V
java/sql/Statement executeBatch()[I
java/sql/Statement getConnection()Ljava/sql/Connection;
java/sql/Statement getMoreResults(I)Z
java/sql/Statement getGeneratedKeys()Ljava/sql/ResultSet;
java/sql/Statement executeUpdate(Ljava/lang/String;I)I
java/sql/Statement executeUpdate(Ljava/lang/String;[I)I
java/sql/Statement executeUpdate(Ljava/lang/String;[Ljava/lang/String;)I
java/sql/Statement
execute(Ljava/lang/String;I)Z
java/sql/Statement execute(Ljava/lang/String;[I)Z
java/sql/Statement execute(Ljava/lang/String;[Ljava/lang/String;)Z
java/sql/Statement getResultSetHoldability()I
class java/sql/Struct java/lang/Object
java/sql/Struct getSQLTypeName()Ljava/lang/String;
java/sql/Struct getAttributes()[Ljava/lang/Object;
java/sql/Struct getAttributes(Ljava/util/Map;)[Ljava/lang/Object;
class java/sql/Time java/util/Date
java/sql/Time serialVersionUID
java/sql/Time <init>(III)V
java/sql/Time <init>(J)V
java/sql/Time setTime(J)V
java/sql/Time valueOf(Ljava/lang/String;)Ljava/sql/Time;
java/sql/Time toString()Ljava/lang/String;
java/sql/Time getYear()I
java/sql/Time getMonth()I

java/sql/Time getDay()I
java/sql/Time getDate()I
java/sql/Time setYear(I)V
java/sql/Time setMonth(I)V
java/sql/Time setDate(I)V
class java/sql/Timestamp java/util/Date
java/sql/Timestamp nanos
java/sql/Timestamp serialVersionUID
java/sql/Timestamp <init>(IIIIIII)V
java/sql/Timestamp
<init>(J)V
java/sql/Timestamp setTime(J)V
java/sql/Timestamp getTime()J
java/sql/Timestamp valueOf(Ljava/lang/String;)Ljava/sql/Timestamp;
java/sql/Timestamp toString()Ljava/lang/String;
java/sql/Timestamp getNanos()I
java/sql/Timestamp setNanos(I)V
java/sql/Timestamp equals(Ljava/sql/Timestamp;)Z
java/sql/Timestamp equals(Ljava/lang/Object;)Z
java/sql/Timestamp before(Ljava/sql/Timestamp;)Z
java/sql/Timestamp after(Ljava/sql/Timestamp;)Z
java/sql/Timestamp compareTo(Ljava/sql/Timestamp;)I
java/sql/Timestamp compareTo(Ljava/util/Date;)I
java/sql/Timestamp compareTo(Ljava/lang/Object;)I
class java/sql/Types java/lang/Object
java/sql/Types BIT
java/sql/Types TINYINT
java/sql/Types SMALLINT
java/sql/Types INTEGER
java/sql/Types BIGINT
java/sql/Types FLOAT
java/sql/Types REAL
java/sql/Types DOUBLE
java/sql/Types NUMERIC
java/sql/Types DECIMAL
java/sql/Types CHAR
java/sql/Types VARCHAR
java/sql/Types LONGVARCHAR
java/sql/Types DATE
java/sql/Types TIME
java/sql/Types TIMESTAMP
java/sql/Types
BINARY
java/sql/Types VARBINARY
java/sql/Types LONGVARBINARY
java/sql/Types NULL
java/sql/Types OTHER
java/sql/Types JAVA_OBJECT

java/sql/Types DISTINCT
java/sql/Types STRUCT
java/sql/Types ARRAY
java/sql/Types BLOB
java/sql/Types CLOB
java/sql/Types REF
java/sql/Types DATALINK
java/sql/Types BOOLEAN
java/sql/Types <init>()V
class java/text/Annotation java/lang/Object
java/text/Annotation value
java/text/Annotation <init>(Ljava/lang/Object;)V
java/text/Annotation getValue()Ljava/lang/Object;
java/text/Annotation toString()Ljava/lang/String;
class java/text/AttributeEntry java/lang/Object
java/text/AttributeEntry key
java/text/AttributeEntry value
java/text/AttributeEntry <init>(Ljava/text/AttributedCharacterIterator$Attribute;Ljava/lang/Object;)V
java/text/AttributeEntry equals(Ljava/lang/Object;)Z
java/text/AttributeEntry getKey()Ljava/lang/Object;
java/text/AttributeEntry getValue()Ljava/lang/Object;
java/text/AttributeEntry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/text/AttributeEntry
 hashCode()I
java/text/AttributeEntry toString()Ljava/lang/String;
class java/text/AttributedString$AttributeMap java/util/AbstractMap
java/text/AttributedString$AttributeMap runIndex
java/text/AttributedString$AttributeMap beginIndex
java/text/AttributedString$AttributeMap endIndex
java/text/AttributedString$AttributeMap this$0
java/text/AttributedString$AttributeMap <init>(Ljava/text/AttributedString;III)V
java/text/AttributedString$AttributeMap entrySet()Ljava/util/Set;
java/text/AttributedString$AttributeMap get(Ljava/lang/Object;)Ljava/lang/Object;
class java/text/BreakDictionary$1 java/lang/Object
java/text/BreakDictionary$1 val$dictionaryName
java/text/BreakDictionary$1 this$0
java/text/BreakDictionary$1 <init>(Ljava/text/BreakDictionary;Ljava/lang/String;)V
java/text/BreakDictionary$1 run()Ljava/lang/Object;
class java/text/BreakDictionary java/lang/Object
java/text/BreakDictionary supportedVersion
java/text/BreakDictionary columnMap
java/text/BreakDictionary
 supplementaryCharColumnMap
java/text/BreakDictionary numCols
java/text/BreakDictionary numColGroups
java/text/BreakDictionary table
java/text/BreakDictionary rowIndex
java/text/BreakDictionary rowIndexFlags

java/text/BreakDictionary rowIndexFlagsIndex
java/text/BreakDictionary rowIndexShifts
java/text/BreakDictionary <init>(Ljava/lang/String;)V
java/text/BreakDictionary readDictionaryFile(Ljava/lang/String;)V
java/text/BreakDictionary getNextStateFromCharacter(II)S
java/text/BreakDictionary getNextState(II)S
java/text/BreakDictionary cellIsPopulated(II)Z
java/text/BreakDictionary internalAt(II)S
java/text/BreakDictionary <clinit>()V
class java/text/BreakIterator$1 java/lang/Object
java/text/BreakIterator$1 val$baseName
java/text/BreakIterator$1 val$locale
java/text/BreakIterator$1 <init>(Ljava/lang/String;Ljava/util/Locale;)V
java/text/BreakIterator$1 run()Ljava/lang/Object;
class java/text/BreakIterator$BreakIteratorCache java/lang/Object
java/text/BreakIterator$BreakIteratorCache
 iter
java/text/BreakIterator$BreakIteratorCache where
java/text/BreakIterator$BreakIteratorCache <init>(Ljava/util/Locale;Ljava/text/BreakIterator;)V
java/text/BreakIterator$BreakIteratorCache getLocale()Ljava/util/Locale;
java/text/BreakIterator$BreakIteratorCache createBreakInstance()Ljava/text/BreakIterator;
class java/text/CharacterIteratorFieldDelegate java/lang/Object
java/text/CharacterIteratorFieldDelegate attributedStrings
java/text/CharacterIteratorFieldDelegate size
java/text/CharacterIteratorFieldDelegate <init>()V
java/text/CharacterIteratorFieldDelegate
formatted(Ljava/text/Format$Field;Ljava/lang/Object;IILjava/lang/StringBuffer;)V
java/text/CharacterIteratorFieldDelegate
formatted(ILjava/text/Format$Field;Ljava/lang/Object;IILjava/lang/StringBuffer;)V
java/text/CharacterIteratorFieldDelegate getIterator(Ljava/lang/String;)Ljava/text/AttributedCharacterIterator;
class java/text/ChoiceFormat java/text/NumberFormat
java/text/ChoiceFormat serialVersionUID
java/text/ChoiceFormat
 choiceLimits
java/text/ChoiceFormat choiceFormats
java/text/ChoiceFormat SIGN
java/text/ChoiceFormat EXPONENT
java/text/ChoiceFormat POSITIVEINFINITY
java/text/ChoiceFormat applyPattern(Ljava/lang/String;)V
java/text/ChoiceFormat toPattern()Ljava/lang/String;
java/text/ChoiceFormat <init>(Ljava/lang/String;)V
java/text/ChoiceFormat <init>([D[Ljava/lang/String;)V
java/text/ChoiceFormat setChoices([D[Ljava/lang/String;)V
java/text/ChoiceFormat getLimits()[D
java/text/ChoiceFormat getFormats()[Ljava/lang/Object;
java/text/ChoiceFormat format(JLjava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/ChoiceFormat format(DLjava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/ChoiceFormat parse(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/lang/Number;

java/text/ChoiceFormat nextDouble(D)D
java/text/ChoiceFormat previousDouble(D)D
java/text/ChoiceFormat clone()Ljava/lang/Object;
java/text/ChoiceFormat hashCode()I
java/text/ChoiceFormat
equals(Ljava/lang/Object;)Z
java/text/ChoiceFormat readObject(Ljava/io/ObjectInputStream;)V
java/text/ChoiceFormat nextDouble(DZ)D
java/text/ChoiceFormat doubleArraySize([D)[D
java/text/ChoiceFormat doubleArraySize([Ljava/lang/String;)[Ljava/lang/String;
class java/text/CollationElementIterator java/lang/Object
java/text/CollationElementIterator NULLORDER
java/text/CollationElementIterator UNMAPPEDCHARVALUE
java/text/CollationElementIterator text
java/text/CollationElementIterator buffer
java/text/CollationElementIterator expIndex
java/text/CollationElementIterator key
java/text/CollationElementIterator swapOrder
java/text/CollationElementIterator ordering
java/text/CollationElementIterator owner
java/text/CollationElementIterator <init>(Ljava/lang/String;Ljava/text/RuleBasedCollator;)V
java/text/CollationElementIterator <init>(Ljava/text/CharacterIterator;Ljava/text/RuleBasedCollator;)V
java/text/CollationElementIterator reset()V
java/text/CollationElementIterator next()I
java/text/CollationElementIterator
previous()I
java/text/CollationElementIterator primaryOrder(I)I
java/text/CollationElementIterator secondaryOrder(I)S
java/text/CollationElementIterator tertiaryOrder(I)S
java/text/CollationElementIterator strengthOrder(I)I
java/text/CollationElementIterator setOffset(I)V
java/text/CollationElementIterator getOffset()I
java/text/CollationElementIterator getMaxExpansion(I)I
java/text/CollationElementIterator setText(Ljava/lang/String;)V
java/text/CollationElementIterator setText(Ljava/text/CharacterIterator;)V
java/text/CollationElementIterator isThaiPreVowel(I)Z
java/text/CollationElementIterator isThaiBaseConsonant(I)Z
java/text/CollationElementIterator isLaoPreVowel(I)Z
java/text/CollationElementIterator isLaoBaseConsonant(I)Z
java/text/CollationElementIterator makeReorderedBuffer(II[IZ)[I
java/text/CollationElementIterator isIgnorable(I)Z
java/text/CollationElementIterator nextContractChar(I)I
java/text/CollationElementIterator prevContractChar(I)I
class
java/text/CollationKey java/lang/Object
java/text/CollationKey source
java/text/CollationKey key
java/text/CollationKey compareTo(Ljava/text/CollationKey;)I

java/text/CollationKey equals(Ljava/lang/Object;)Z
java/text/CollationKey hashCode()I
java/text/CollationKey getSourceString()Ljava/lang/String;
java/text/CollationKey toByteArray()[B
java/text/CollationKey <init>(Ljava/lang/String;Ljava/lang/String;)V
java/text/CollationKey compareTo(Ljava/lang/Object;)I
class java/text/DictionaryBasedBreakIterator java/text/RuleBasedBreakIterator
java/text/DictionaryBasedBreakIterator dictionary
java/text/DictionaryBasedBreakIterator categoryFlags
java/text/DictionaryBasedBreakIterator dictionaryCharCount
java/text/DictionaryBasedBreakIterator cachedBreakPositions
java/text/DictionaryBasedBreakIterator positionInCache
java/text/DictionaryBasedBreakIterator <init>(Ljava/lang/String;Ljava/lang/String;)V
java/text/DictionaryBasedBreakIterator prepareCategoryFlags([B)V
java/text/DictionaryBasedBreakIterator
setText(Ljava/text/CharacterIterator;)V
java/text/DictionaryBasedBreakIterator first()I
java/text/DictionaryBasedBreakIterator last()I
java/text/DictionaryBasedBreakIterator previous()I
java/text/DictionaryBasedBreakIterator preceding(I)I
java/text/DictionaryBasedBreakIterator following(I)I
java/text/DictionaryBasedBreakIterator handleNext()I
java/text/DictionaryBasedBreakIterator lookupCategory(I)I
java/text/DictionaryBasedBreakIterator divideUpDictionaryRange(II)V
class java/text/FieldPosition$1 java/lang/Object
class java/text/FieldPosition$Delegate java/lang/Object
java/text/FieldPosition$Delegate encounteredField
java/text/FieldPosition$Delegate this$0
java/text/FieldPosition$Delegate <init>(Ljava/text/FieldPosition;)V
java/text/FieldPosition$Delegate formatted(Ljava/text/Format$Field;Ljava/lang/Object;IILjava/lang/StringBuffer;)V
java/text/FieldPosition$Delegate
formatted(ILjava/text/Format$Field;Ljava/lang/Object;IILjava/lang/StringBuffer;)V
java/text/FieldPosition$Delegate
<init>(Ljava/text/FieldPosition;Ljava/text/FieldPosition$1;)V
class java/text/ParsePosition java/lang/Object
java/text/ParsePosition index
java/text/ParsePosition errorIndex
java/text/ParsePosition getIndex()I
java/text/ParsePosition setIndex(I)V
java/text/ParsePosition <init>(I)V
java/text/ParsePosition setErrorIndex(I)V
java/text/ParsePosition getErrorIndex()I
java/text/ParsePosition equals(Ljava/lang/Object;)Z
java/text/ParsePosition hashCode()I
java/text/ParsePosition toString()Ljava/lang/String;
class java/text/RBCollationTables$1 java/lang/Object
class java/text/RuleBasedBreakIterator$1 java/lang/Object
java/text/RuleBasedBreakIterator$1 val$datafile

java/text/RuleBasedBreakIterator$1 this$0
java/text/RuleBasedBreakIterator$1 <init>(Ljava/text/RuleBasedBreakIterator;Ljava/lang/String;)V
java/text/RuleBasedBreakIterator$1 run()Ljava/lang/Object;
class java/text/RuleBasedBreakIterator$SafeCharIterator java/lang/Object
java/text/RuleBasedBreakIterator$SafeCharIterator base
java/text/RuleBasedBreakIterator$SafeCharIterator
 rangeStart
java/text/RuleBasedBreakIterator$SafeCharIterator rangeLimit
java/text/RuleBasedBreakIterator$SafeCharIterator currentIndex
java/text/RuleBasedBreakIterator$SafeCharIterator <init>(Ljava/text/CharacterIterator;)V
java/text/RuleBasedBreakIterator$SafeCharIterator first()C
java/text/RuleBasedBreakIterator$SafeCharIterator last()C
java/text/RuleBasedBreakIterator$SafeCharIterator current()C
java/text/RuleBasedBreakIterator$SafeCharIterator next()C
java/text/RuleBasedBreakIterator$SafeCharIterator previous()C
java/text/RuleBasedBreakIterator$SafeCharIterator setIndex(I)C
java/text/RuleBasedBreakIterator$SafeCharIterator getBeginIndex()I
java/text/RuleBasedBreakIterator$SafeCharIterator getEndIndex()I
java/text/RuleBasedBreakIterator$SafeCharIterator getIndex()I
java/text/RuleBasedBreakIterator$SafeCharIterator clone()Ljava/lang/Object;
class java/text/RuleBasedBreakIterator java/text/BreakIterator
java/text/RuleBasedBreakIterator
 IGNORE
java/text/RuleBasedBreakIterator START_STATE
java/text/RuleBasedBreakIterator STOP_STATE
java/text/RuleBasedBreakIterator LABEL
java/text/RuleBasedBreakIterator LABEL_LENGTH
java/text/RuleBasedBreakIterator supportedVersion
java/text/RuleBasedBreakIterator HEADER_LENGTH
java/text/RuleBasedBreakIterator BMP_INDICES_LENGTH
java/text/RuleBasedBreakIterator charCategoryTable
java/text/RuleBasedBreakIterator supplementaryCharCategoryTable
java/text/RuleBasedBreakIterator stateTable
java/text/RuleBasedBreakIterator backwardsStateTable
java/text/RuleBasedBreakIterator endStates
java/text/RuleBasedBreakIterator lookaheadStates
java/text/RuleBasedBreakIterator additionalData
java/text/RuleBasedBreakIterator numCategories
java/text/RuleBasedBreakIterator text
java/text/RuleBasedBreakIterator checksum
java/text/RuleBasedBreakIterator <init>(Ljava/lang/String;)V
java/text/RuleBasedBreakIterator readTables(Ljava/lang/String;)V
java/text/RuleBasedBreakIterator readFile(Ljava/lang/String;)[B
java/text/RuleBasedBreakIterator
 getAdditionalData()[B
java/text/RuleBasedBreakIterator setAdditionalData([B)V
java/text/RuleBasedBreakIterator clone()Ljava/lang/Object;
java/text/RuleBasedBreakIterator equals(Ljava/lang/Object;)Z

java/text/RuleBasedBreakIterator toString()Ljava/lang/String;
java/text/RuleBasedBreakIterator hashCode()I
java/text/RuleBasedBreakIterator first()I
java/text/RuleBasedBreakIterator last()I
java/text/RuleBasedBreakIterator next(I)I
java/text/RuleBasedBreakIterator next()I
java/text/RuleBasedBreakIterator previous()I
java/text/RuleBasedBreakIterator getPrevious()I
java/text/RuleBasedBreakIterator getCurrent()I
java/text/RuleBasedBreakIterator getCurrentCodePointCount()I
java/text/RuleBasedBreakIterator getNext()I
java/text/RuleBasedBreakIterator getNextIndex()I
java/text/RuleBasedBreakIterator checkOffset(ILjava/text/CharacterIterator;)V
java/text/RuleBasedBreakIterator following(I)I
java/text/RuleBasedBreakIterator preceding(I)I
java/text/RuleBasedBreakIterator
isBoundary(I)Z
java/text/RuleBasedBreakIterator current()I
java/text/RuleBasedBreakIterator getText()Ljava/text/CharacterIterator;
java/text/RuleBasedBreakIterator setText(Ljava/text/CharacterIterator;)V
java/text/RuleBasedBreakIterator handleNext()I
java/text/RuleBasedBreakIterator handlePrevious()I
java/text/RuleBasedBreakIterator lookupCategory(I)I
java/text/RuleBasedBreakIterator lookupState(II)I
java/text/RuleBasedBreakIterator lookupBackwardState(II)I
java/text/RuleBasedBreakIterator <clinit>()V
class java/text/StringCharacterIterator java/lang/Object
java/text/StringCharacterIterator text
java/text/StringCharacterIterator begin
java/text/StringCharacterIterator end
java/text/StringCharacterIterator pos
java/text/StringCharacterIterator <init>(Ljava/lang/String;)V
java/text/StringCharacterIterator <init>(Ljava/lang/String;I)V
java/text/StringCharacterIterator <init>(Ljava/lang/String;III)V
java/text/StringCharacterIterator setText(Ljava/lang/String;)V
java/text/StringCharacterIterator
first()C
java/text/StringCharacterIterator last()C
java/text/StringCharacterIterator setIndex(I)C
java/text/StringCharacterIterator current()C
java/text/StringCharacterIterator next()C
java/text/StringCharacterIterator previous()C
java/text/StringCharacterIterator getBeginIndex()I
java/text/StringCharacterIterator getEndIndex()I
java/text/StringCharacterIterator getIndex()I
java/text/StringCharacterIterator equals(Ljava/lang/Object;)Z
java/text/StringCharacterIterator hashCode()I
java/text/StringCharacterIterator clone()Ljava/lang/Object;

class java/util/AbstractList$1 java/lang/Object
class java/util/AbstractMap$1$1 java/lang/Object
java/util/AbstractMap$1$1 i
java/util/AbstractMap$1$1 this$1
java/util/AbstractMap$1$1 <init>(Ljava/util/AbstractMap$1;)V
java/util/AbstractMap$1$1 hasNext()Z
java/util/AbstractMap$1$1 next()Ljava/lang/Object;
java/util/AbstractMap$1$1 remove()V
class java/util/AbstractMap$1 java/util/AbstractSet
java/util/AbstractMap$1 this$0
java/util/AbstractMap$1
 <init>(Ljava/util/AbstractMap;)V
java/util/AbstractMap$1 iterator()Ljava/util/Iterator;
java/util/AbstractMap$1 size()I
java/util/AbstractMap$1 contains(Ljava/lang/Object;)Z
class java/util/AbstractMap$2$1 java/lang/Object
java/util/AbstractMap$2$1 i
java/util/AbstractMap$2$1 this$1
java/util/AbstractMap$2$1 <init>(Ljava/util/AbstractMap$2;)V
java/util/AbstractMap$2$1 hasNext()Z
java/util/AbstractMap$2$1 next()Ljava/lang/Object;
java/util/AbstractMap$2$1 remove()V
class java/util/AbstractMap$2 java/util/AbstractCollection
java/util/AbstractMap$2 this$0
java/util/AbstractMap$2 <init>(Ljava/util/AbstractMap;)V
java/util/AbstractMap$2 iterator()Ljava/util/Iterator;
java/util/AbstractMap$2 size()I
java/util/AbstractMap$2 contains(Ljava/lang/Object;)Z
class java/util/AbstractMap$SimpleEntry java/lang/Object
java/util/AbstractMap$SimpleEntry key
java/util/AbstractMap$SimpleEntry value
java/util/AbstractMap$SimpleEntry <init>(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/AbstractMap$SimpleEntry
 <init>(Ljava/util/Map$Entry;)V
java/util/AbstractMap$SimpleEntry getKey()Ljava/lang/Object;
java/util/AbstractMap$SimpleEntry getValue()Ljava/lang/Object;
java/util/AbstractMap$SimpleEntry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/AbstractMap$SimpleEntry equals(Ljava/lang/Object;)Z
java/util/AbstractMap$SimpleEntry hashCode()I
java/util/AbstractMap$SimpleEntry toString()Ljava/lang/String;
java/util/AbstractMap$SimpleEntry eq(Ljava/lang/Object;Ljava/lang/Object;)Z
class java/util/AbstractQueue java/util/AbstractCollection
java/util/AbstractQueue <init>()V
java/util/AbstractQueue add(Ljava/lang/Object;)Z
java/util/AbstractQueue remove()Ljava/lang/Object;
java/util/AbstractQueue element()Ljava/lang/Object;
java/util/AbstractQueue clear()V
java/util/AbstractQueue addAll(Ljava/util/Collection;)Z

class java/util/Calendar$1 java/lang/Object
java/util/Calendar$1 val$input
java/util/Calendar$1 this$0
java/util/Calendar$1 <init>(Ljava/util/Calendar;Ljava/io/ObjectInputStream;)V
java/util/Calendar$1
 run()Ljava/lang/Object;
class java/util/Collections$CheckedCollection$1 java/lang/Object
java/util/Collections$CheckedCollection$1 it
java/util/Collections$CheckedCollection$1 this$0
java/util/Collections$CheckedCollection$1 <init>(Ljava/util/Collections$CheckedCollection;)V
java/util/Collections$CheckedCollection$1 hasNext()Z
java/util/Collections$CheckedCollection$1 next()Ljava/lang/Object;
java/util/Collections$CheckedCollection$1 remove()V
class java/util/Collections$CheckedCollection java/lang/Object
java/util/Collections$CheckedCollection serialVersionUID
java/util/Collections$CheckedCollection c
java/util/Collections$CheckedCollection type
java/util/Collections$CheckedCollection zeroLengthElementArray
java/util/Collections$CheckedCollection typeCheck(Ljava/lang/Object;)V
java/util/Collections$CheckedCollection <init>(Ljava/util/Collection;Ljava/lang/Class;)V
java/util/Collections$CheckedCollection size()I
java/util/Collections$CheckedCollection isEmpty()Z
java/util/Collections$CheckedCollection
 contains(Ljava/lang/Object;)Z
java/util/Collections$CheckedCollection toArray()[Ljava/lang/Object;
java/util/Collections$CheckedCollection toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/Collections$CheckedCollection toString()Ljava/lang/String;
java/util/Collections$CheckedCollection remove(Ljava/lang/Object;)Z
java/util/Collections$CheckedCollection containsAll(Ljava/util/Collection;)Z
java/util/Collections$CheckedCollection removeAll(Ljava/util/Collection;)Z
java/util/Collections$CheckedCollection retainAll(Ljava/util/Collection;)Z
java/util/Collections$CheckedCollection clear()V
java/util/Collections$CheckedCollection iterator()Ljava/util/Iterator;
java/util/Collections$CheckedCollection add(Ljava/lang/Object;)Z
java/util/Collections$CheckedCollection addAll(Ljava/util/Collection;)Z
java/util/Collections$CheckedCollection zeroLengthElementArray()[Ljava/lang/Object;
class java/util/Collections$CheckedList$1 java/lang/Object
java/util/Collections$CheckedList$1
 i
java/util/Collections$CheckedList$1 val$index
java/util/Collections$CheckedList$1 this$0
java/util/Collections$CheckedList$1 <init>(Ljava/util/Collections$CheckedList;I)V
java/util/Collections$CheckedList$1 hasNext()Z
java/util/Collections$CheckedList$1 next()Ljava/lang/Object;
java/util/Collections$CheckedList$1 hasPrevious()Z
java/util/Collections$CheckedList$1 previous()Ljava/lang/Object;
java/util/Collections$CheckedList$1 nextIndex()I
java/util/Collections$CheckedList$1 previousIndex()I

java/util/Collections$CheckedList$1 remove()V
java/util/Collections$CheckedList$1 set(Ljava/lang/Object;)V
java/util/Collections$CheckedList$1 add(Ljava/lang/Object;)V
class java/util/Collections$CheckedList java/util/Collections$CheckedCollection
java/util/Collections$CheckedList serialVersionUID
java/util/Collections$CheckedList list
java/util/Collections$CheckedList <init>(Ljava/util/List;Ljava/lang/Class;)V
java/util/Collections$CheckedList equals(Ljava/lang/Object;)Z
java/util/Collections$CheckedList
 hashCode()I
java/util/Collections$CheckedList get(I)Ljava/lang/Object;
java/util/Collections$CheckedList remove(I)Ljava/lang/Object;
java/util/Collections$CheckedList indexOf(Ljava/lang/Object;)I
java/util/Collections$CheckedList lastIndexOf(Ljava/lang/Object;)I
java/util/Collections$CheckedList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/Collections$CheckedList add(ILjava/lang/Object;)V
java/util/Collections$CheckedList addAll(ILjava/util/Collection;)Z
java/util/Collections$CheckedList listIterator()Ljava/util/ListIterator;
java/util/Collections$CheckedList listIterator(I)Ljava/util/ListIterator;
java/util/Collections$CheckedList subList(II)Ljava/util/List;
class java/util/Collections$CheckedMap$CheckedEntrySet$1 java/lang/Object
java/util/Collections$CheckedMap$CheckedEntrySet$1 i
java/util/Collections$CheckedMap$CheckedEntrySet$1 this$0
java/util/Collections$CheckedMap$CheckedEntrySet$1
<init>(Ljava/util/Collections$CheckedMap$CheckedEntrySet;)V
java/util/Collections$CheckedMap$CheckedEntrySet$1
 hasNext()Z
java/util/Collections$CheckedMap$CheckedEntrySet$1 remove()V
java/util/Collections$CheckedMap$CheckedEntrySet$1 next()Ljava/util/Map$Entry;
java/util/Collections$CheckedMap$CheckedEntrySet$1 next()Ljava/lang/Object;
class java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry java/lang/Object
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry e
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry valueType
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry
<init>(Ljava/util/Map$Entry;Ljava/lang/Class;)V
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry getKey()Ljava/lang/Object;
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry getValue()Ljava/lang/Object;
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry hashCode()I
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry toString()Ljava/lang/String;
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry
 setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$CheckedMap$CheckedEntrySet$CheckedEntry equals(Ljava/lang/Object;)Z
class java/util/Collections$CheckedMap$CheckedEntrySet java/lang/Object
java/util/Collections$CheckedMap$CheckedEntrySet s
java/util/Collections$CheckedMap$CheckedEntrySet valueType
java/util/Collections$CheckedMap$CheckedEntrySet <init>(Ljava/util/Set;Ljava/lang/Class;)V
java/util/Collections$CheckedMap$CheckedEntrySet size()I
java/util/Collections$CheckedMap$CheckedEntrySet isEmpty()Z

java/util/Collections$CheckedMap$CheckedEntrySet toString()Ljava/lang/String;
java/util/Collections$CheckedMap$CheckedEntrySet hashCode()I
java/util/Collections$CheckedMap$CheckedEntrySet remove(Ljava/lang/Object;)Z
java/util/Collections$CheckedMap$CheckedEntrySet removeAll(Ljava/util/Collection;)Z
java/util/Collections$CheckedMap$CheckedEntrySet retainAll(Ljava/util/Collection;)Z
java/util/Collections$CheckedMap$CheckedEntrySet clear()V
java/util/Collections$CheckedMap$CheckedEntrySet
add(Ljava/util/Map$Entry;)Z
java/util/Collections$CheckedMap$CheckedEntrySet addAll(Ljava/util/Collection;)Z
java/util/Collections$CheckedMap$CheckedEntrySet iterator()Ljava/util/Iterator;
java/util/Collections$CheckedMap$CheckedEntrySet toArray()[Ljava/lang/Object;
java/util/Collections$CheckedMap$CheckedEntrySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/Collections$CheckedMap$CheckedEntrySet contains(Ljava/lang/Object;)Z
java/util/Collections$CheckedMap$CheckedEntrySet containsAll(Ljava/util/Collection;)Z
java/util/Collections$CheckedMap$CheckedEntrySet equals(Ljava/lang/Object;)Z
java/util/Collections$CheckedMap$CheckedEntrySet add(Ljava/lang/Object;)Z
class java/util/Collections$CheckedMap java/lang/Object
java/util/Collections$CheckedMap serialVersionUID
java/util/Collections$CheckedMap m
java/util/Collections$CheckedMap keyType
java/util/Collections$CheckedMap valueType
java/util/Collections$CheckedMap zeroLengthKeyArray
java/util/Collections$CheckedMap
zeroLengthValueArray
java/util/Collections$CheckedMap entrySet
java/util/Collections$CheckedMap typeCheck(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/Collections$CheckedMap <init>(Ljava/util/Map;Ljava/lang/Class;Ljava/lang/Class;)V
java/util/Collections$CheckedMap size()I
java/util/Collections$CheckedMap isEmpty()Z
java/util/Collections$CheckedMap containsKey(Ljava/lang/Object;)Z
java/util/Collections$CheckedMap containsValue(Ljava/lang/Object;)Z
java/util/Collections$CheckedMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$CheckedMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$CheckedMap clear()V
java/util/Collections$CheckedMap keySet()Ljava/util/Set;
java/util/Collections$CheckedMap values()Ljava/util/Collection;
java/util/Collections$CheckedMap equals(Ljava/lang/Object;)Z
java/util/Collections$CheckedMap hashCode()I
java/util/Collections$CheckedMap toString()Ljava/lang/String;
java/util/Collections$CheckedMap
put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$CheckedMap putAll(Ljava/util/Map;)V
java/util/Collections$CheckedMap zeroLengthKeyArray()[Ljava/lang/Object;
java/util/Collections$CheckedMap zeroLengthValueArray()[Ljava/lang/Object;
java/util/Collections$CheckedMap entrySet()Ljava/util/Set;
class java/util/Collections$CheckedRandomAccessList java/util/Collections$CheckedList
java/util/Collections$CheckedRandomAccessList serialVersionUID
java/util/Collections$CheckedRandomAccessList <init>(Ljava/util/List;Ljava/lang/Class;)V

java/util/Collections$CheckedRandomAccessList subList(II)Ljava/util/List;
class java/util/Collections$CheckedSet java/util/Collections$CheckedCollection
java/util/Collections$CheckedSet serialVersionUID
java/util/Collections$CheckedSet <init>(Ljava/util/Set;Ljava/lang/Class;)V
java/util/Collections$CheckedSet equals(Ljava/lang/Object;)Z
java/util/Collections$CheckedSet hashCode()I
class java/util/Collections$CheckedSortedMap
 java/util/Collections$CheckedMap
java/util/Collections$CheckedSortedMap serialVersionUID
java/util/Collections$CheckedSortedMap sm
java/util/Collections$CheckedSortedMap <init>(Ljava/util/SortedMap;Ljava/lang/Class;Ljava/lang/Class;)V
java/util/Collections$CheckedSortedMap comparator()Ljava/util/Comparator;
java/util/Collections$CheckedSortedMap firstKey()Ljava/lang/Object;
java/util/Collections$CheckedSortedMap lastKey()Ljava/lang/Object;
java/util/Collections$CheckedSortedMap subMap(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/Collections$CheckedSortedMap headMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/Collections$CheckedSortedMap tailMap(Ljava/lang/Object;)Ljava/util/SortedMap;
class java/util/Collections$CheckedSortedSet java/util/Collections$CheckedSet
java/util/Collections$CheckedSortedSet serialVersionUID
java/util/Collections$CheckedSortedSet ss
java/util/Collections$CheckedSortedSet <init>(Ljava/util/SortedSet;Ljava/lang/Class;)V
java/util/Collections$CheckedSortedSet
 comparator()Ljava/util/Comparator;
java/util/Collections$CheckedSortedSet first()Ljava/lang/Object;
java/util/Collections$CheckedSortedSet last()Ljava/lang/Object;
java/util/Collections$CheckedSortedSet subSet(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/Collections$CheckedSortedSet headSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/Collections$CheckedSortedSet tailSet(Ljava/lang/Object;)Ljava/util/SortedSet;
class java/util/Collections$CopiesList java/util/AbstractList
java/util/Collections$CopiesList serialVersionUID
java/util/Collections$CopiesList n
java/util/Collections$CopiesList element
java/util/Collections$CopiesList <init>(ILjava/lang/Object;)V
java/util/Collections$CopiesList size()I
java/util/Collections$CopiesList contains(Ljava/lang/Object;)Z
java/util/Collections$CopiesList get(I)Ljava/lang/Object;
class java/util/Collections$ReverseComparator2 java/lang/Object
java/util/Collections$ReverseComparator2 serialVersionUID
java/util/Collections$ReverseComparator2
 cmp
java/util/Collections$ReverseComparator2 $assertionsDisabled
java/util/Collections$ReverseComparator2 <init>(Ljava/util/Comparator;)V
java/util/Collections$ReverseComparator2 compare(Ljava/lang/Object;Ljava/lang/Object;)I
java/util/Collections$ReverseComparator2 <clinit>()V
class java/util/Collections$SelfComparable java/lang/Object
class java/util/Collections$SingletonList java/util/AbstractList
java/util/Collections$SingletonList serialVersionUID
java/util/Collections$SingletonList element

java/util/Collections$SingletonList <init>(Ljava/lang/Object;)V
java/util/Collections$SingletonList size()I
java/util/Collections$SingletonList contains(Ljava/lang/Object;)Z
java/util/Collections$SingletonList get(I)Ljava/lang/Object;
class java/util/Collections$SingletonMap$ImmutableEntry java/lang/Object
java/util/Collections$SingletonMap$ImmutableEntry k
java/util/Collections$SingletonMap$ImmutableEntry v
java/util/Collections$SingletonMap$ImmutableEntry
<init>(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/Collections$SingletonMap$ImmutableEntry getKey()Ljava/lang/Object;
java/util/Collections$SingletonMap$ImmutableEntry getValue()Ljava/lang/Object;
java/util/Collections$SingletonMap$ImmutableEntry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$SingletonMap$ImmutableEntry equals(Ljava/lang/Object;)Z
java/util/Collections$SingletonMap$ImmutableEntry hashCode()I
java/util/Collections$SingletonMap$ImmutableEntry toString()Ljava/lang/String;
class java/util/Collections$SingletonMap java/util/AbstractMap
java/util/Collections$SingletonMap serialVersionUID
java/util/Collections$SingletonMap k
java/util/Collections$SingletonMap v
java/util/Collections$SingletonMap keySet
java/util/Collections$SingletonMap entrySet
java/util/Collections$SingletonMap values
java/util/Collections$SingletonMap <init>(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/Collections$SingletonMap size()I
java/util/Collections$SingletonMap
isEmpty()Z
java/util/Collections$SingletonMap containsKey(Ljava/lang/Object;)Z
java/util/Collections$SingletonMap containsValue(Ljava/lang/Object;)Z
java/util/Collections$SingletonMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$SingletonMap keySet()Ljava/util/Set;
java/util/Collections$SingletonMap entrySet()Ljava/util/Set;
java/util/Collections$SingletonMap values()Ljava/util/Collection;
class java/util/Collections$SynchronizedSortedMap java/util/Collections$SynchronizedMap
java/util/Collections$SynchronizedSortedMap serialVersionUID
java/util/Collections$SynchronizedSortedMap sm
java/util/Collections$SynchronizedSortedMap <init>(Ljava/util/SortedMap;)V
java/util/Collections$SynchronizedSortedMap <init>(Ljava/util/SortedMap;Ljava/lang/Object;)V
java/util/Collections$SynchronizedSortedMap comparator()Ljava/util/Comparator;
java/util/Collections$SynchronizedSortedMap subMap(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/Collections$SynchronizedSortedMap
headMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/Collections$SynchronizedSortedMap tailMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/Collections$SynchronizedSortedMap firstKey()Ljava/lang/Object;
java/util/Collections$SynchronizedSortedMap lastKey()Ljava/lang/Object;
class java/util/Collections$SynchronizedSortedSet java/util/Collections$SynchronizedSet
java/util/Collections$SynchronizedSortedSet serialVersionUID
java/util/Collections$SynchronizedSortedSet ss
java/util/Collections$SynchronizedSortedSet <init>(Ljava/util/SortedSet;)V

java/util/Collections$SynchronizedSortedSet <init>(Ljava/util/SortedSet;Ljava/lang/Object;)V
java/util/Collections$SynchronizedSortedSet comparator()Ljava/util/Comparator;
java/util/Collections$SynchronizedSortedSet subSet(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/Collections$SynchronizedSortedSet headSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/Collections$SynchronizedSortedSet tailSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/Collections$SynchronizedSortedSet
first()Ljava/lang/Object;
java/util/Collections$SynchronizedSortedSet last()Ljava/lang/Object;
class java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$1 java/lang/Object
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$1 i
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$1 this$0
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$1
<init>(Ljava/util/Collections$UnmodifiableMap$UnmodifiableEntrySet;)V
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$1 hasNext()Z
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$1 next()Ljava/util/Map$Entry;
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$1 remove()V
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$1 next()Ljava/lang/Object;
class java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry java/lang/Object
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry
e
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry
<init>(Ljava/util/Map$Entry;)V
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry getKey()Ljava/lang/Object;
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry getValue()Ljava/lang/Object;
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry
setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry hashCode()I
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry equals(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet$UnmodifiableEntry toString()Ljava/lang/String;
class java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet java/util/Collections$UnmodifiableSet
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet serialVersionUID
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet
<init>(Ljava/util/Set;)V
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet iterator()Ljava/util/Iterator;
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet toArray()[Ljava/lang/Object;
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet contains(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet containsAll(Ljava/util/Collection;)Z
java/util/Collections$UnmodifiableMap$UnmodifiableEntrySet equals(Ljava/lang/Object;)Z
class java/util/Collections$UnmodifiableSortedMap java/util/Collections$UnmodifiableMap
java/util/Collections$UnmodifiableSortedMap serialVersionUID
java/util/Collections$UnmodifiableSortedMap sm
java/util/Collections$UnmodifiableSortedMap <init>(Ljava/util/SortedMap;)V
java/util/Collections$UnmodifiableSortedMap comparator()Ljava/util/Comparator;
java/util/Collections$UnmodifiableSortedMap subMap(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/Collections$UnmodifiableSortedMap
headMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/Collections$UnmodifiableSortedMap tailMap(Ljava/lang/Object;)Ljava/util/SortedMap;

java/util/Collections$UnmodifiableSortedMap firstKey()Ljava/lang/Object;
java/util/Collections$UnmodifiableSortedMap lastKey()Ljava/lang/Object;
class java/util/Collections$UnmodifiableSortedSet java/util/Collections$UnmodifiableSet
java/util/Collections$UnmodifiableSortedSet serialVersionUID
java/util/Collections$UnmodifiableSortedSet ss
java/util/Collections$UnmodifiableSortedSet <init>(Ljava/util/SortedSet;)V
java/util/Collections$UnmodifiableSortedSet comparator()Ljava/util/Comparator;
java/util/Collections$UnmodifiableSortedSet subSet(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/Collections$UnmodifiableSortedSet headSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/Collections$UnmodifiableSortedSet tailSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/Collections$UnmodifiableSortedSet
first()Ljava/lang/Object;
java/util/Collections$UnmodifiableSortedSet last()Ljava/lang/Object;
class java/util/DuplicateFormatFlagsException java/util/IllegalFormatException
java/util/DuplicateFormatFlagsException serialVersionUID
java/util/DuplicateFormatFlagsException flags
java/util/DuplicateFormatFlagsException <init>(Ljava/lang/String;)V
java/util/DuplicateFormatFlagsException getFlags()Ljava/lang/String;
java/util/DuplicateFormatFlagsException getMessage()Ljava/lang/String;
class java/util/EnumMap$1 java/lang/Object
class java/util/EnumMap$EntryIterator java/util/EnumMap$EnumMapIterator
java/util/EnumMap$EntryIterator this$0
java/util/EnumMap$EntryIterator <init>(Ljava/util/EnumMap;)V
java/util/EnumMap$EntryIterator next()Ljava/util/Map$Entry;
java/util/EnumMap$EntryIterator getKey()Ljava/lang/Enum;
java/util/EnumMap$EntryIterator getValue()Ljava/lang/Object;
java/util/EnumMap$EntryIterator setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap$EntryIterator
equals(Ljava/lang/Object;)Z
java/util/EnumMap$EntryIterator hashCode()I
java/util/EnumMap$EntryIterator toString()Ljava/lang/String;
java/util/EnumMap$EntryIterator checkLastReturnedIndexForEntryUse()V
java/util/EnumMap$EntryIterator next()Ljava/lang/Object;
java/util/EnumMap$EntryIterator getKey()Ljava/lang/Object;
java/util/EnumMap$EntryIterator <init>(Ljava/util/EnumMap;Ljava/util/EnumMap$1;)V
class java/util/EnumMap$EntrySet java/util/AbstractSet
java/util/EnumMap$EntrySet this$0
java/util/EnumMap$EntrySet <init>(Ljava/util/EnumMap;)V
java/util/EnumMap$EntrySet iterator()Ljava/util/Iterator;
java/util/EnumMap$EntrySet contains(Ljava/lang/Object;)Z
java/util/EnumMap$EntrySet remove(Ljava/lang/Object;)Z
java/util/EnumMap$EntrySet size()I
java/util/EnumMap$EntrySet clear()V
java/util/EnumMap$EntrySet toArray()[Ljava/lang/Object;
java/util/EnumMap$EntrySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/EnumMap$EntrySet
fillEntryArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/EnumMap$EntrySet <init>(Ljava/util/EnumMap;Ljava/util/EnumMap$1;)V

class java/util/EnumMap$EnumMapIterator java/lang/Object
java/util/EnumMap$EnumMapIterator index
java/util/EnumMap$EnumMapIterator lastReturnedIndex
java/util/EnumMap$EnumMapIterator this$0
java/util/EnumMap$EnumMapIterator <init>(Ljava/util/EnumMap;)V
java/util/EnumMap$EnumMapIterator hasNext()Z
java/util/EnumMap$EnumMapIterator remove()V
java/util/EnumMap$EnumMapIterator checkLastReturnedIndex()V
java/util/EnumMap$EnumMapIterator <init>(Ljava/util/EnumMap;Ljava/util/EnumMap$1;)V
class java/util/EnumMap$KeyIterator java/util/EnumMap$EnumMapIterator
java/util/EnumMap$KeyIterator this$0
java/util/EnumMap$KeyIterator <init>(Ljava/util/EnumMap;)V
java/util/EnumMap$KeyIterator next()Ljava/lang/Enum;
java/util/EnumMap$KeyIterator next()Ljava/lang/Object;
java/util/EnumMap$KeyIterator <init>(Ljava/util/EnumMap;Ljava/util/EnumMap$1;)V
class java/util/EnumMap$KeySet
 java/util/AbstractSet
java/util/EnumMap$KeySet this$0
java/util/EnumMap$KeySet <init>(Ljava/util/EnumMap;)V
java/util/EnumMap$KeySet iterator()Ljava/util/Iterator;
java/util/EnumMap$KeySet size()I
java/util/EnumMap$KeySet contains(Ljava/lang/Object;)Z
java/util/EnumMap$KeySet remove(Ljava/lang/Object;)Z
java/util/EnumMap$KeySet clear()V
java/util/EnumMap$KeySet <init>(Ljava/util/EnumMap;Ljava/util/EnumMap$1;)V
class java/util/EnumMap$ValueIterator java/util/EnumMap$EnumMapIterator
java/util/EnumMap$ValueIterator this$0
java/util/EnumMap$ValueIterator <init>(Ljava/util/EnumMap;)V
java/util/EnumMap$ValueIterator next()Ljava/lang/Object;
java/util/EnumMap$ValueIterator <init>(Ljava/util/EnumMap;Ljava/util/EnumMap$1;)V
class java/util/EnumMap$Values java/util/AbstractCollection
java/util/EnumMap$Values this$0
java/util/EnumMap$Values <init>(Ljava/util/EnumMap;)V
java/util/EnumMap$Values iterator()Ljava/util/Iterator;
java/util/EnumMap$Values size()I
java/util/EnumMap$Values contains(Ljava/lang/Object;)Z
java/util/EnumMap$Values
 remove(Ljava/lang/Object;)Z
java/util/EnumMap$Values clear()V
java/util/EnumMap$Values <init>(Ljava/util/EnumMap;Ljava/util/EnumMap$1;)V
class java/util/EnumMap java/util/AbstractMap
java/util/EnumMap keyType
java/util/EnumMap keyUniverse
java/util/EnumMap vals
java/util/EnumMap size
java/util/EnumMap NULL
java/util/EnumMap ZERO_LENGTH_ENUM_ARRAY
java/util/EnumMap entrySet

java/util/EnumMap serialVersionUID
java/util/EnumMap maskNull(Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap unmaskNull(Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap <init>(Ljava/lang/Class;)V
java/util/EnumMap <init>(Ljava/util/EnumMap;)V
java/util/EnumMap <init>(Ljava/util/Map;)V
java/util/EnumMap size()I
java/util/EnumMap containsValue(Ljava/lang/Object;)Z
java/util/EnumMap containsKey(Ljava/lang/Object;)Z
java/util/EnumMap containsMapping(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/EnumMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap
put(Ljava/lang/Enum;Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap removeMapping(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/EnumMap isValidKey(Ljava/lang/Object;)Z
java/util/EnumMap putAll(Ljava/util/Map;)V
java/util/EnumMap clear()V
java/util/EnumMap keySet()Ljava/util/Set;
java/util/EnumMap values()Ljava/util/Collection;
java/util/EnumMap entrySet()Ljava/util/Set;
java/util/EnumMap equals(Ljava/lang/Object;)Z
java/util/EnumMap clone()Ljava/util/EnumMap;
java/util/EnumMap typeCheck(Ljava/lang/Enum;)V
java/util/EnumMap writeObject(Ljava/io/ObjectOutputStream;)V
java/util/EnumMap readObject(Ljava/io/ObjectInputStream;)V
java/util/EnumMap clone()Ljava/lang/Object;
java/util/EnumMap put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap access$200(Ljava/util/EnumMap;)I
java/util/EnumMap access$500(Ljava/util/EnumMap;Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap access$600(Ljava/util/EnumMap;)[Ljava/lang/Object;
java/util/EnumMap
access$210(Ljava/util/EnumMap;)I
java/util/EnumMap access$900(Ljava/util/EnumMap;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/EnumMap access$1000(Ljava/util/EnumMap;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/EnumMap access$1100(Ljava/util/EnumMap;)[Ljava/lang/Enum;
java/util/EnumMap access$1200(Ljava/util/EnumMap;Ljava/lang/Object;)Ljava/lang/Object;
java/util/EnumMap access$1400()Ljava/lang/Object;
java/util/EnumMap <clinit>()V
class java/util/EnumSet$SerializationProxy java/lang/Object
java/util/EnumSet$SerializationProxy elementType
java/util/EnumSet$SerializationProxy elements
java/util/EnumSet$SerializationProxy serialVersionUID
java/util/EnumSet$SerializationProxy <init>(Ljava/util/EnumSet;)V
java/util/EnumSet$SerializationProxy readResolve()Ljava/lang/Object;
class java/util/EnumSet java/util/AbstractSet
java/util/EnumSet elementType
java/util/EnumSet universe

java/util/EnumSet ZERO_LENGTH_ENUM_ARRAY
java/util/EnumSet
<init>(Ljava/lang/Class;[Ljava/lang/Enum;)V
java/util/EnumSet noneOf(Ljava/lang/Class;)Ljava/util/EnumSet;
java/util/EnumSet allOf(Ljava/lang/Class;)Ljava/util/EnumSet;
java/util/EnumSet addAll()V
java/util/EnumSet copyOf(Ljava/util/EnumSet;)Ljava/util/EnumSet;
java/util/EnumSet copyOf(Ljava/util/Collection;)Ljava/util/EnumSet;
java/util/EnumSet complementOf(Ljava/util/EnumSet;)Ljava/util/EnumSet;
java/util/EnumSet of(Ljava/lang/Enum;)Ljava/util/EnumSet;
java/util/EnumSet of(Ljava/lang/Enum;Ljava/lang/Enum;)Ljava/util/EnumSet;
java/util/EnumSet of(Ljava/lang/Enum;Ljava/lang/Enum;Ljava/lang/Enum;)Ljava/util/EnumSet;
java/util/EnumSet of(Ljava/lang/Enum;Ljava/lang/Enum;Ljava/lang/Enum;Ljava/lang/Enum;)Ljava/util/EnumSet;
java/util/EnumSet
of(Ljava/lang/Enum;Ljava/lang/Enum;Ljava/lang/Enum;Ljava/lang/Enum;Ljava/lang/Enum;)Ljava/util/EnumSet;
java/util/EnumSet of(Ljava/lang/Enum;[Ljava/lang/Enum;)Ljava/util/EnumSet;
java/util/EnumSet range(Ljava/lang/Enum;Ljava/lang/Enum;)Ljava/util/EnumSet;
java/util/EnumSet
addRange(Ljava/lang/Enum;Ljava/lang/Enum;)V
java/util/EnumSet clone()Ljava/util/EnumSet;
java/util/EnumSet complement()V
java/util/EnumSet typeCheck(Ljava/lang/Enum;)V
java/util/EnumSet writeReplace()Ljava/lang/Object;
java/util/EnumSet clone()Ljava/lang/Object;
java/util/EnumSet access$000()[Ljava/lang/Enum;
java/util/EnumSet <clinit>()V
class java/util/FormatFlagsConversionMismatchException java/util/IllegalFormatException
java/util/FormatFlagsConversionMismatchException serialVersionUID
java/util/FormatFlagsConversionMismatchException f
java/util/FormatFlagsConversionMismatchException c
java/util/FormatFlagsConversionMismatchException <init>(Ljava/lang/String;C)V
java/util/FormatFlagsConversionMismatchException getFlags()Ljava/lang/String;
java/util/FormatFlagsConversionMismatchException getConversion()C
java/util/FormatFlagsConversionMismatchException getMessage()Ljava/lang/String;
class java/util/Formattable java/lang/Object
java/util/Formattable formatTo(Ljava/util/Formatter;III)V
class
java/util/FormattableFlags java/lang/Object
java/util/FormattableFlags LEFT_JUSTIFY
java/util/FormattableFlags UPPERCASE
java/util/FormattableFlags ALTERNATE
java/util/FormattableFlags <init>()V
class java/util/Formatter$BigDecimalLayoutForm java/lang/Enum
java/util/Formatter$BigDecimalLayoutForm SCIENTIFIC
java/util/Formatter$BigDecimalLayoutForm DECIMAL_FLOAT
java/util/Formatter$BigDecimalLayoutForm $VALUES
java/util/Formatter$BigDecimalLayoutForm values()[Ljava/util/Formatter$BigDecimalLayoutForm;
java/util/Formatter$BigDecimalLayoutForm

valueOf(Ljava/lang/String;)Ljava/util/Formatter$BigDecimalLayoutForm;
java/util/Formatter$BigDecimalLayoutForm <init>(Ljava/lang/String;I)V
java/util/Formatter$BigDecimalLayoutForm <clinit>()V
class java/util/Formatter$Conversion java/lang/Object
java/util/Formatter$Conversion DECIMAL_INTEGER
java/util/Formatter$Conversion OCTAL_INTEGER
java/util/Formatter$Conversion HEXADECIMAL_INTEGER
java/util/Formatter$Conversion
HEXADECIMAL_INTEGER_UPPER
java/util/Formatter$Conversion SCIENTIFIC
java/util/Formatter$Conversion SCIENTIFIC_UPPER
java/util/Formatter$Conversion GENERAL
java/util/Formatter$Conversion GENERAL_UPPER
java/util/Formatter$Conversion DECIMAL_FLOAT
java/util/Formatter$Conversion HEXADECIMAL_FLOAT
java/util/Formatter$Conversion HEXADECIMAL_FLOAT_UPPER
java/util/Formatter$Conversion CHARACTER
java/util/Formatter$Conversion CHARACTER_UPPER
java/util/Formatter$Conversion DATE_TIME
java/util/Formatter$Conversion DATE_TIME_UPPER
java/util/Formatter$Conversion BOOLEAN
java/util/Formatter$Conversion BOOLEAN_UPPER
java/util/Formatter$Conversion STRING
java/util/Formatter$Conversion STRING_UPPER
java/util/Formatter$Conversion HASHCODE
java/util/Formatter$Conversion HASHCODE_UPPER
java/util/Formatter$Conversion LINE_SEPARATOR
java/util/Formatter$Conversion PERCENT_SIGN
java/util/Formatter$Conversion <init>()V
java/util/Formatter$Conversion isValid(C)Z
java/util/Formatter$Conversion isGeneral(C)Z
java/util/Formatter$Conversion
isInteger(C)Z
java/util/Formatter$Conversion isFloat(C)Z
java/util/Formatter$Conversion isText(C)Z
class java/util/Formatter$DateTime java/lang/Object
java/util/Formatter$DateTime HOUR_OF_DAY_0
java/util/Formatter$DateTime HOUR_0
java/util/Formatter$DateTime HOUR_OF_DAY
java/util/Formatter$DateTime HOUR
java/util/Formatter$DateTime MINUTE
java/util/Formatter$DateTime NANOSECOND
java/util/Formatter$DateTime MILLISECOND
java/util/Formatter$DateTime MILLISECOND_SINCE_EPOCH
java/util/Formatter$DateTime AM_PM
java/util/Formatter$DateTime SECONDS_SINCE_EPOCH
java/util/Formatter$DateTime SECOND
java/util/Formatter$DateTime TIME

java/util/Formatter$DateTime ZONE_NUMERIC
java/util/Formatter$DateTime ZONE
java/util/Formatter$DateTime NAME_OF_DAY_ABBREV
java/util/Formatter$DateTime NAME_OF_DAY
java/util/Formatter$DateTime NAME_OF_MONTH_ABBREV
java/util/Formatter$DateTime NAME_OF_MONTH
java/util/Formatter$DateTime CENTURY
java/util/Formatter$DateTime DAY_OF_MONTH_0
java/util/Formatter$DateTime
DAY_OF_MONTH
java/util/Formatter$DateTime NAME_OF_MONTH_ABBREV_X
java/util/Formatter$DateTime DAY_OF_YEAR
java/util/Formatter$DateTime MONTH
java/util/Formatter$DateTime YEAR_2
java/util/Formatter$DateTime YEAR_4
java/util/Formatter$DateTime TIME_12_HOUR
java/util/Formatter$DateTime TIME_24_HOUR
java/util/Formatter$DateTime DATE_TIME
java/util/Formatter$DateTime DATE
java/util/Formatter$DateTime ISO_STANDARD_DATE
java/util/Formatter$DateTime <init>()V
java/util/Formatter$DateTime isValid(C)Z
class java/util/Formatter$FixedString java/lang/Object
java/util/Formatter$FixedString s
java/util/Formatter$FixedString this$0
java/util/Formatter$FixedString <init>(Ljava/util/Formatter;Ljava/lang/String;)V
java/util/Formatter$FixedString index()I
java/util/Formatter$FixedString print(Ljava/lang/Object;Ljava/util/Locale;)V
java/util/Formatter$FixedString toString()Ljava/lang/String;
class java/util/Formatter$Flags java/lang/Object
java/util/Formatter$Flags flags
java/util/Formatter$Flags
NONE
java/util/Formatter$Flags LEFT_JUSTIFY
java/util/Formatter$Flags UPPERCASE
java/util/Formatter$Flags ALTERNATE
java/util/Formatter$Flags PLUS
java/util/Formatter$Flags LEADING_SPACE
java/util/Formatter$Flags ZERO_PAD
java/util/Formatter$Flags GROUP
java/util/Formatter$Flags PARENTHESES
java/util/Formatter$Flags PREVIOUS
java/util/Formatter$Flags <init>(I)V
java/util/Formatter$Flags valueOf()I
java/util/Formatter$Flags contains(Ljava/util/Formatter$Flags;)Z
java/util/Formatter$Flags dup()Ljava/util/Formatter$Flags;
java/util/Formatter$Flags add(Ljava/util/Formatter$Flags;)Ljava/util/Formatter$Flags;
java/util/Formatter$Flags remove(Ljava/util/Formatter$Flags;)Ljava/util/Formatter$Flags;

java/util/Formatter$Flags parse(Ljava/lang/String;)Ljava/util/Formatter$Flags;
java/util/Formatter$Flags parse(C)Ljava/util/Formatter$Flags;
java/util/Formatter$Flags toString(Ljava/util/Formatter$Flags;)Ljava/lang/String;
java/util/Formatter$Flags toString()Ljava/lang/String;
java/util/Formatter$Flags
access$100(Ljava/util/Formatter$Flags;Ljava/util/Formatter$Flags;)Ljava/util/Formatter$Flags;
java/util/Formatter$Flags <clinit>()V
class java/util/Formatter$FormatSpecifier$BigDecimalLayout java/lang/Object
java/util/Formatter$FormatSpecifier$BigDecimalLayout mant
java/util/Formatter$FormatSpecifier$BigDecimalLayout exp
java/util/Formatter$FormatSpecifier$BigDecimalLayout dot
java/util/Formatter$FormatSpecifier$BigDecimalLayout this$1
java/util/Formatter$FormatSpecifier$BigDecimalLayout
<init>(Ljava/util/Formatter$FormatSpecifier;Ljava/math/BigInteger;ILjava/util/Formatter$BigDecimalLayoutForm;
)V
java/util/Formatter$FormatSpecifier$BigDecimalLayout hasDot()Z
java/util/Formatter$FormatSpecifier$BigDecimalLayout layoutChars()[C
java/util/Formatter$FormatSpecifier$BigDecimalLayout mantissa()[C
java/util/Formatter$FormatSpecifier$BigDecimalLayout exponent()[C
java/util/Formatter$FormatSpecifier$BigDecimalLayout toCharArray(Ljava/lang/StringBuilder;)[C
java/util/Formatter$FormatSpecifier$BigDecimalLayout
layout(Ljava/math/BigInteger;ILjava/util/Formatter$BigDecimalLayoutForm;)V
class java/util/Formatter$FormatSpecifier java/lang/Object
java/util/Formatter$FormatSpecifier index
java/util/Formatter$FormatSpecifier f
java/util/Formatter$FormatSpecifier width
java/util/Formatter$FormatSpecifier precision
java/util/Formatter$FormatSpecifier dt
java/util/Formatter$FormatSpecifier c
java/util/Formatter$FormatSpecifier formatter
java/util/Formatter$FormatSpecifier ls
java/util/Formatter$FormatSpecifier $assertionsDisabled
java/util/Formatter$FormatSpecifier this$0
java/util/Formatter$FormatSpecifier index(Ljava/lang/String;)I
java/util/Formatter$FormatSpecifier index()I
java/util/Formatter$FormatSpecifier flags(Ljava/lang/String;)Ljava/util/Formatter$Flags;
java/util/Formatter$FormatSpecifier flags()Ljava/util/Formatter$Flags;
java/util/Formatter$FormatSpecifier width(Ljava/lang/String;)I
java/util/Formatter$FormatSpecifier width()I
java/util/Formatter$FormatSpecifier
precision(Ljava/lang/String;)I
java/util/Formatter$FormatSpecifier precision()I
java/util/Formatter$FormatSpecifier conversion(Ljava/lang/String;)C
java/util/Formatter$FormatSpecifier conversion()C
java/util/Formatter$FormatSpecifier <init>(Ljava/util/Formatter;Ljava/util/Formatter;[Ljava/lang/String;)V
java/util/Formatter$FormatSpecifier print(Ljava/lang/Object;Ljava/util/Locale;)V
java/util/Formatter$FormatSpecifier printInteger(Ljava/lang/Object;Ljava/util/Locale;)V
java/util/Formatter$FormatSpecifier printFloat(Ljava/lang/Object;Ljava/util/Locale;)V

java/util/Formatter$FormatSpecifier printDateTime(Ljava/lang/Object;Ljava/util/Locale;)V
java/util/Formatter$FormatSpecifier printCharacter(Ljava/lang/Object;)V
java/util/Formatter$FormatSpecifier printString(Ljava/lang/Object;Ljava/util/Locale;)V
java/util/Formatter$FormatSpecifier printBoolean(Ljava/lang/Object;)V
java/util/Formatter$FormatSpecifier printHashCode(Ljava/lang/Object;)V
java/util/Formatter$FormatSpecifier print(Ljava/lang/String;)V
java/util/Formatter$FormatSpecifier
justify(Ljava/lang/String;)Ljava/lang/String;
java/util/Formatter$FormatSpecifier toString()Ljava/lang/String;
java/util/Formatter$FormatSpecifier checkGeneral()V
java/util/Formatter$FormatSpecifier checkDateTime()V
java/util/Formatter$FormatSpecifier checkCharacter()V
java/util/Formatter$FormatSpecifier checkInteger()V
java/util/Formatter$FormatSpecifier checkBadFlags([Ljava/util/Formatter$Flags;)V
java/util/Formatter$FormatSpecifier checkFloat()V
java/util/Formatter$FormatSpecifier checkNumeric()V
java/util/Formatter$FormatSpecifier checkText()V
java/util/Formatter$FormatSpecifier print(BLjava/util/Locale;)V
java/util/Formatter$FormatSpecifier print(SLjava/util/Locale;)V
java/util/Formatter$FormatSpecifier print(ILjava/util/Locale;)V
java/util/Formatter$FormatSpecifier print(JLjava/util/Locale;)V
java/util/Formatter$FormatSpecifier leadingSign(Ljava/lang/StringBuilder;Z)Ljava/lang/StringBuilder;
java/util/Formatter$FormatSpecifier
trailingSign(Ljava/lang/StringBuilder;Z)Ljava/lang/StringBuilder;
java/util/Formatter$FormatSpecifier print(Ljava/math/BigInteger;Ljava/util/Locale;)V
java/util/Formatter$FormatSpecifier print(FLjava/util/Locale;)V
java/util/Formatter$FormatSpecifier print(DLjava/util/Locale;)V
java/util/Formatter$FormatSpecifier
print(Ljava/lang/StringBuilder;DLjava/util/Locale;Ljava/util/Formatter$Flags;CIZ)V
java/util/Formatter$FormatSpecifier mantissa([CI)[C
java/util/Formatter$FormatSpecifier exponent([CI)[C
java/util/Formatter$FormatSpecifier addZeros([CI)[C
java/util/Formatter$FormatSpecifier hexDouble(DI)Ljava/lang/String;
java/util/Formatter$FormatSpecifier print(Ljava/math/BigDecimal;Ljava/util/Locale;)V
java/util/Formatter$FormatSpecifier
print(Ljava/lang/StringBuilder;Ljava/math/BigDecimal;Ljava/util/Locale;Ljava/util/Formatter$Flags;CIZ)V
java/util/Formatter$FormatSpecifier adjustWidth(ILjava/util/Formatter$Flags;Z)I
java/util/Formatter$FormatSpecifier addDot([C)[C
java/util/Formatter$FormatSpecifier
trailingZeros([CI)[C
java/util/Formatter$FormatSpecifier print(Ljava/util/Calendar;CLjava/util/Locale;)V
java/util/Formatter$FormatSpecifier
print(Ljava/lang/StringBuilder;Ljava/util/Calendar;CLjava/util/Locale;)Ljava/lang/Appendable;
java/util/Formatter$FormatSpecifier failMismatch(Ljava/util/Formatter$Flags;C)V
java/util/Formatter$FormatSpecifier failConversion(CLjava/lang/Object;)V
java/util/Formatter$FormatSpecifier getZero(Ljava/util/Locale;)C
java/util/Formatter$FormatSpecifier
localizedMagnitude(Ljava/lang/StringBuilder;JLjava/util/Formatter$Flags;ILjava/util/Locale;)Ljava/lang/StringBuil

der;
java/util/Formatter$FormatSpecifier
localizedMagnitude(Ljava/lang/StringBuilder;[CLjava/util/Formatter$Flags;ILjava/util/Locale;)Ljava/lang/StringBu
ilder;
java/util/Formatter$FormatSpecifier <clinit>()V
class java/util/Formatter$FormatString java/lang/Object
java/util/Formatter$FormatString index()I
java/util/Formatter$FormatString print(Ljava/lang/Object;Ljava/util/Locale;)V
java/util/Formatter$FormatString
toString()Ljava/lang/String;
class java/util/Formatter java/lang/Object
java/util/Formatter a
java/util/Formatter l
java/util/Formatter lastException
java/util/Formatter zero
java/util/Formatter scaleUp
java/util/Formatter MAX_FD_CHARS
java/util/Formatter formatSpecifier
java/util/Formatter fsPattern
java/util/Formatter init(Ljava/lang/Appendable;Ljava/util/Locale;)V
java/util/Formatter <init>()V
java/util/Formatter <init>(Ljava/lang/Appendable;)V
java/util/Formatter <init>(Ljava/util/Locale;)V
java/util/Formatter <init>(Ljava/lang/Appendable;Ljava/util/Locale;)V
java/util/Formatter <init>(Ljava/lang/String;)V
java/util/Formatter <init>(Ljava/lang/String;Ljava/lang/String;)V
java/util/Formatter <init>(Ljava/lang/String;Ljava/lang/String;Ljava/util/Locale;)V
java/util/Formatter <init>(Ljava/io/File;)V
java/util/Formatter <init>(Ljava/io/File;Ljava/lang/String;)V
java/util/Formatter <init>(Ljava/io/File;Ljava/lang/String;Ljava/util/Locale;)V
java/util/Formatter
<init>(Ljava/io/PrintStream;)V
java/util/Formatter <init>(Ljava/io/OutputStream;)V
java/util/Formatter <init>(Ljava/io/OutputStream;Ljava/lang/String;)V
java/util/Formatter <init>(Ljava/io/OutputStream;Ljava/lang/String;Ljava/util/Locale;)V
java/util/Formatter setZero()V
java/util/Formatter locale()Ljava/util/Locale;
java/util/Formatter out()Ljava/lang/Appendable;
java/util/Formatter toString()Ljava/lang/String;
java/util/Formatter flush()V
java/util/Formatter close()V
java/util/Formatter ensureOpen()V
java/util/Formatter ioException()Ljava/io/IOException;
java/util/Formatter format(Ljava/lang/String;[Ljava/lang/Object;)Ljava/util/Formatter;
java/util/Formatter format(Ljava/util/Locale;Ljava/lang/String;[Ljava/lang/Object;)Ljava/util/Formatter;
java/util/Formatter parse(Ljava/lang/String;)[Ljava/util/Formatter$FormatString;
java/util/Formatter checkText(Ljava/lang/String;)V
java/util/Formatter access$000(Ljava/util/Formatter;)Ljava/lang/Appendable;

java/util/Formatter access$202(D)D
java/util/Formatter
access$200()D
java/util/Formatter access$300(Ljava/util/Formatter;)C
java/util/Formatter <clinit>()V
class java/util/FormatterClosedException java/lang/IllegalStateException
java/util/FormatterClosedException serialVersionUID
java/util/FormatterClosedException <init>()V
class java/util/HashMap$1 java/lang/Object
class java/util/Hashtable$1 java/lang/Object
class java/util/IdentityHashMap$1 java/lang/Object
class java/util/IdentityHashMap$EntryIterator java/util/IdentityHashMap$IdentityHashMapIterator
java/util/IdentityHashMap$EntryIterator this$0
java/util/IdentityHashMap$EntryIterator <init>(Ljava/util/IdentityHashMap;)V
java/util/IdentityHashMap$EntryIterator next()Ljava/util/Map$Entry;
java/util/IdentityHashMap$EntryIterator getKey()Ljava/lang/Object;
java/util/IdentityHashMap$EntryIterator getValue()Ljava/lang/Object;
java/util/IdentityHashMap$EntryIterator setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/IdentityHashMap$EntryIterator equals(Ljava/lang/Object;)Z
java/util/IdentityHashMap$EntryIterator
hashCode()I
java/util/IdentityHashMap$EntryIterator toString()Ljava/lang/String;
java/util/IdentityHashMap$EntryIterator next()Ljava/lang/Object;
java/util/IdentityHashMap$EntryIterator <init>(Ljava/util/IdentityHashMap;Ljava/util/IdentityHashMap$1;)V
class java/util/IdentityHashMap$EntrySet java/util/AbstractSet
java/util/IdentityHashMap$EntrySet this$0
java/util/IdentityHashMap$EntrySet <init>(Ljava/util/IdentityHashMap;)V
java/util/IdentityHashMap$EntrySet iterator()Ljava/util/Iterator;
java/util/IdentityHashMap$EntrySet contains(Ljava/lang/Object;)Z
java/util/IdentityHashMap$EntrySet remove(Ljava/lang/Object;)Z
java/util/IdentityHashMap$EntrySet size()I
java/util/IdentityHashMap$EntrySet clear()V
java/util/IdentityHashMap$EntrySet removeAll(Ljava/util/Collection;)Z
java/util/IdentityHashMap$EntrySet toArray()[Ljava/lang/Object;
java/util/IdentityHashMap$EntrySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/IdentityHashMap$EntrySet
<init>(Ljava/util/IdentityHashMap;Ljava/util/IdentityHashMap$1;)V
class java/util/IdentityHashMap$IdentityHashMapIterator java/lang/Object
java/util/IdentityHashMap$IdentityHashMapIterator index
java/util/IdentityHashMap$IdentityHashMapIterator expectedModCount
java/util/IdentityHashMap$IdentityHashMapIterator lastReturnedIndex
java/util/IdentityHashMap$IdentityHashMapIterator indexValid
java/util/IdentityHashMap$IdentityHashMapIterator traversalTable
java/util/IdentityHashMap$IdentityHashMapIterator this$0
java/util/IdentityHashMap$IdentityHashMapIterator <init>(Ljava/util/IdentityHashMap;)V
java/util/IdentityHashMap$IdentityHashMapIterator hasNext()Z
java/util/IdentityHashMap$IdentityHashMapIterator nextIndex()I
java/util/IdentityHashMap$IdentityHashMapIterator remove()V

java/util/IdentityHashMap$IdentityHashMapIterator
<init>(Ljava/util/IdentityHashMap;Ljava/util/IdentityHashMap$1;)V
class java/util/IdentityHashMap$KeyIterator java/util/IdentityHashMap$IdentityHashMapIterator
java/util/IdentityHashMap$KeyIterator
this$0
java/util/IdentityHashMap$KeyIterator <init>(Ljava/util/IdentityHashMap;)V
java/util/IdentityHashMap$KeyIterator next()Ljava/lang/Object;
java/util/IdentityHashMap$KeyIterator <init>(Ljava/util/IdentityHashMap;Ljava/util/IdentityHashMap$1;)V
class java/util/IdentityHashMap$KeySet java/util/AbstractSet
java/util/IdentityHashMap$KeySet this$0
java/util/IdentityHashMap$KeySet <init>(Ljava/util/IdentityHashMap;)V
java/util/IdentityHashMap$KeySet iterator()Ljava/util/Iterator;
java/util/IdentityHashMap$KeySet size()I
java/util/IdentityHashMap$KeySet contains(Ljava/lang/Object;)Z
java/util/IdentityHashMap$KeySet remove(Ljava/lang/Object;)Z
java/util/IdentityHashMap$KeySet removeAll(Ljava/util/Collection;)Z
java/util/IdentityHashMap$KeySet clear()V
java/util/IdentityHashMap$KeySet hashCode()I
java/util/IdentityHashMap$KeySet <init>(Ljava/util/IdentityHashMap;Ljava/util/IdentityHashMap$1;)V
class java/util/IdentityHashMap$ValueIterator
java/util/IdentityHashMap$IdentityHashMapIterator
java/util/IdentityHashMap$ValueIterator this$0
java/util/IdentityHashMap$ValueIterator <init>(Ljava/util/IdentityHashMap;)V
java/util/IdentityHashMap$ValueIterator next()Ljava/lang/Object;
java/util/IdentityHashMap$ValueIterator <init>(Ljava/util/IdentityHashMap;Ljava/util/IdentityHashMap$1;)V
class java/util/IdentityHashMap$Values java/util/AbstractCollection
java/util/IdentityHashMap$Values this$0
java/util/IdentityHashMap$Values <init>(Ljava/util/IdentityHashMap;)V
java/util/IdentityHashMap$Values iterator()Ljava/util/Iterator;
java/util/IdentityHashMap$Values size()I
java/util/IdentityHashMap$Values contains(Ljava/lang/Object;)Z
java/util/IdentityHashMap$Values remove(Ljava/lang/Object;)Z
java/util/IdentityHashMap$Values clear()V
java/util/IdentityHashMap$Values <init>(Ljava/util/IdentityHashMap;Ljava/util/IdentityHashMap$1;)V
class java/util/IdentityHashMap java/util/AbstractMap
java/util/IdentityHashMap DEFAULT_CAPACITY
java/util/IdentityHashMap
MINIMUM_CAPACITY
java/util/IdentityHashMap MAXIMUM_CAPACITY
java/util/IdentityHashMap table
java/util/IdentityHashMap size
java/util/IdentityHashMap modCount
java/util/IdentityHashMap threshold
java/util/IdentityHashMap NULL_KEY
java/util/IdentityHashMap entrySet
java/util/IdentityHashMap serialVersionUID
java/util/IdentityHashMap maskNull(Ljava/lang/Object;)Ljava/lang/Object;
java/util/IdentityHashMap unmaskNull(Ljava/lang/Object;)Ljava/lang/Object;

java/util/IdentityHashMap <init>()V
java/util/IdentityHashMap <init>(I)V
java/util/IdentityHashMap capacity(I)I
java/util/IdentityHashMap init(I)V
java/util/IdentityHashMap <init>(Ljava/util/Map;)V
java/util/IdentityHashMap size()I
java/util/IdentityHashMap isEmpty()Z
java/util/IdentityHashMap hash(Ljava/lang/Object;I)I
java/util/IdentityHashMap nextKeyIndex(II)I
java/util/IdentityHashMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/IdentityHashMap containsKey(Ljava/lang/Object;)Z
java/util/IdentityHashMap containsValue(Ljava/lang/Object;)Z
java/util/IdentityHashMap
containsMapping(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/IdentityHashMap put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/IdentityHashMap resize(I)V
java/util/IdentityHashMap putAll(Ljava/util/Map;)V
java/util/IdentityHashMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/IdentityHashMap removeMapping(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/IdentityHashMap closeDeletion(I)V
java/util/IdentityHashMap clear()V
java/util/IdentityHashMap equals(Ljava/lang/Object;)Z
java/util/IdentityHashMap hashCode()I
java/util/IdentityHashMap clone()Ljava/lang/Object;
java/util/IdentityHashMap keySet()Ljava/util/Set;
java/util/IdentityHashMap values()Ljava/util/Collection;
java/util/IdentityHashMap entrySet()Ljava/util/Set;
java/util/IdentityHashMap writeObject(Ljava/io/ObjectOutputStream;)V
java/util/IdentityHashMap readObject(Ljava/io/ObjectInputStream;)V
java/util/IdentityHashMap putForCreate(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/IdentityHashMap
access$000(Ljava/util/IdentityHashMap;)I
java/util/IdentityHashMap access$100(Ljava/util/IdentityHashMap;)[Ljava/lang/Object;
java/util/IdentityHashMap access$200(Ljava/util/IdentityHashMap;)I
java/util/IdentityHashMap access$204(Ljava/util/IdentityHashMap;)I
java/util/IdentityHashMap access$010(Ljava/util/IdentityHashMap;)I
java/util/IdentityHashMap access$300(II)I
java/util/IdentityHashMap access$400(Ljava/lang/Object;I)I
java/util/IdentityHashMap access$600(Ljava/lang/Object;)Ljava/lang/Object;
java/util/IdentityHashMap access$1300(Ljava/util/IdentityHashMap;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/IdentityHashMap access$1400(Ljava/util/IdentityHashMap;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/IdentityHashMap <clinit>()V
class java/util/IllegalFormatCodePointException java/util/IllegalFormatException
java/util/IllegalFormatCodePointException serialVersionUID
java/util/IllegalFormatCodePointException c
java/util/IllegalFormatCodePointException
<init>(I)V
java/util/IllegalFormatCodePointException getCodePoint()I

java/util/IllegalFormatCodePointException getMessage()Ljava/lang/String;
class java/util/IllegalFormatConversionException java/util/IllegalFormatException
java/util/IllegalFormatConversionException serialVersionUID
java/util/IllegalFormatConversionException c
java/util/IllegalFormatConversionException arg
java/util/IllegalFormatConversionException <init>(CLjava/lang/Class;)V
java/util/IllegalFormatConversionException getConversion()C
java/util/IllegalFormatConversionException getArgumentClass()Ljava/lang/Class;
java/util/IllegalFormatConversionException getMessage()Ljava/lang/String;
class java/util/IllegalFormatException java/lang/IllegalArgumentException
java/util/IllegalFormatException serialVersionUID
java/util/IllegalFormatException <init>()V
class java/util/IllegalFormatFlagsException java/util/IllegalFormatException
java/util/IllegalFormatFlagsException serialVersionUID
java/util/IllegalFormatFlagsException
 flags
java/util/IllegalFormatFlagsException <init>(Ljava/lang/String;)V
java/util/IllegalFormatFlagsException getFlags()Ljava/lang/String;
java/util/IllegalFormatFlagsException getMessage()Ljava/lang/String;
class java/util/IllegalFormatPrecisionException java/util/IllegalFormatException
java/util/IllegalFormatPrecisionException serialVersionUID
java/util/IllegalFormatPrecisionException p
java/util/IllegalFormatPrecisionException <init>(I)V
java/util/IllegalFormatPrecisionException getPrecision()I
java/util/IllegalFormatPrecisionException getMessage()Ljava/lang/String;
class java/util/IllegalFormatWidthException java/util/IllegalFormatException
java/util/IllegalFormatWidthException serialVersionUID
java/util/IllegalFormatWidthException w
java/util/IllegalFormatWidthException <init>(I)V
java/util/IllegalFormatWidthException getWidth()I
java/util/IllegalFormatWidthException getMessage()Ljava/lang/String;
class java/util/InputMismatchException java/util/NoSuchElementException
java/util/InputMismatchException
 <init>()V
java/util/InputMismatchException <init>(Ljava/lang/String;)V
class java/util/InvalidPropertiesFormatException java/io/IOException
java/util/InvalidPropertiesFormatException <init>(Ljava/lang/Throwable;)V
java/util/InvalidPropertiesFormatException <init>(Ljava/lang/String;)V
java/util/InvalidPropertiesFormatException writeObject(Ljava/io/ObjectOutputStream;)V
java/util/InvalidPropertiesFormatException readObject(Ljava/io/ObjectInputStream;)V
class java/util/JumboEnumSet$EnumSetIterator java/lang/Object
java/util/JumboEnumSet$EnumSetIterator unseen
java/util/JumboEnumSet$EnumSetIterator unseenIndex
java/util/JumboEnumSet$EnumSetIterator lastReturned
java/util/JumboEnumSet$EnumSetIterator lastReturnedIndex
java/util/JumboEnumSet$EnumSetIterator this$0
java/util/JumboEnumSet$EnumSetIterator <init>(Ljava/util/JumboEnumSet;)V
java/util/JumboEnumSet$EnumSetIterator hasNext()Z

java/util/JumboEnumSet$EnumSetIterator next()Ljava/lang/Enum;
java/util/JumboEnumSet$EnumSetIterator
remove()V
java/util/JumboEnumSet$EnumSetIterator next()Ljava/lang/Object;
class java/util/JumboEnumSet java/util/EnumSet
java/util/JumboEnumSet elements
java/util/JumboEnumSet size
java/util/JumboEnumSet <init>(Ljava/lang/Class;[Ljava/lang/Enum;)V
java/util/JumboEnumSet addRange(Ljava/lang/Enum;Ljava/lang/Enum;)V
java/util/JumboEnumSet addAll()V
java/util/JumboEnumSet complement()V
java/util/JumboEnumSet iterator()Ljava/util/Iterator;
java/util/JumboEnumSet size()I
java/util/JumboEnumSet isEmpty()Z
java/util/JumboEnumSet contains(Ljava/lang/Object;)Z
java/util/JumboEnumSet add(Ljava/lang/Enum;)Z
java/util/JumboEnumSet remove(Ljava/lang/Object;)Z
java/util/JumboEnumSet containsAll(Ljava/util/Collection;)Z
java/util/JumboEnumSet addAll(Ljava/util/Collection;)Z
java/util/JumboEnumSet removeAll(Ljava/util/Collection;)Z
java/util/JumboEnumSet retainAll(Ljava/util/Collection;)Z
java/util/JumboEnumSet clear()V
java/util/JumboEnumSet equals(Ljava/lang/Object;)Z
java/util/JumboEnumSet
recalculateSize()Z
java/util/JumboEnumSet clone()Ljava/util/EnumSet;
java/util/JumboEnumSet add(Ljava/lang/Object;)Z
java/util/JumboEnumSet clone()Ljava/lang/Object;
java/util/JumboEnumSet access$000(Ljava/util/JumboEnumSet;)[J
java/util/JumboEnumSet access$110(Ljava/util/JumboEnumSet;)I
class java/util/LinkedHashMap$1 java/lang/Object
class java/util/LinkedHashMap$ValueIterator java/util/LinkedHashMap$LinkedHashIterator
java/util/LinkedHashMap$ValueIterator this$0
java/util/LinkedHashMap$ValueIterator <init>(Ljava/util/LinkedHashMap;)V
java/util/LinkedHashMap$ValueIterator next()Ljava/lang/Object;
java/util/LinkedHashMap$ValueIterator <init>(Ljava/util/LinkedHashMap;Ljava/util/LinkedHashMap$1;)V
class java/util/LinkedHashSet java/util/HashSet
java/util/LinkedHashSet serialVersionUID
java/util/LinkedHashSet <init>(IF)V
java/util/LinkedHashSet <init>(I)V
java/util/LinkedHashSet <init>()V
java/util/LinkedHashSet <init>(Ljava/util/Collection;)V
class java/util/MissingFormatArgumentException
java/util/IllegalFormatException
java/util/MissingFormatArgumentException serialVersionUID
java/util/MissingFormatArgumentException s
java/util/MissingFormatArgumentException <init>(Ljava/lang/String;)V
java/util/MissingFormatArgumentException getFormatSpecifier()Ljava/lang/String;

java/util/MissingFormatArgumentException getMessage()Ljava/lang/String;
class java/util/MissingFormatWidthException java/util/IllegalFormatException
java/util/MissingFormatWidthException serialVersionUID
java/util/MissingFormatWidthException s
java/util/MissingFormatWidthException <init>(Ljava/lang/String;)V
java/util/MissingFormatWidthException getFormatSpecifier()Ljava/lang/String;
java/util/MissingFormatWidthException getMessage()Ljava/lang/String;
class java/util/Observable java/lang/Object
java/util/Observable changed
java/util/Observable obs
java/util/Observable <init>()V
java/util/Observable addObserver(Ljava/util/Observer;)V
java/util/Observable deleteObserver(Ljava/util/Observer;)V
java/util/Observable
 notifyObservers()V
java/util/Observable notifyObservers(Ljava/lang/Object;)V
java/util/Observable deleteObservers()V
java/util/Observable setChanged()V
java/util/Observable clearChanged()V
java/util/Observable hasChanged()Z
java/util/Observable countObservers()I
class java/util/Observer java/lang/Object
java/util/Observer update(Ljava/util/Observable;Ljava/lang/Object;)V
class java/util/PriorityQueue$1 java/lang/Object
class java/util/PriorityQueue$Itr java/lang/Object
java/util/PriorityQueue$Itr cursor
java/util/PriorityQueue$Itr lastRet
java/util/PriorityQueue$Itr expectedModCount
java/util/PriorityQueue$Itr forgetMeNot
java/util/PriorityQueue$Itr lastRetElt
java/util/PriorityQueue$Itr this$0
java/util/PriorityQueue$Itr <init>(Ljava/util/PriorityQueue;)V
java/util/PriorityQueue$Itr hasNext()Z
java/util/PriorityQueue$Itr next()Ljava/lang/Object;
java/util/PriorityQueue$Itr remove()V
java/util/PriorityQueue$Itr checkForComodification()V
java/util/PriorityQueue$Itr
 <init>(Ljava/util/PriorityQueue;Ljava/util/PriorityQueue$1;)V
class java/util/PriorityQueue java/util/AbstractQueue
java/util/PriorityQueue serialVersionUID
java/util/PriorityQueue DEFAULT_INITIAL_CAPACITY
java/util/PriorityQueue queue
java/util/PriorityQueue size
java/util/PriorityQueue comparator
java/util/PriorityQueue modCount
java/util/PriorityQueue $assertionsDisabled
java/util/PriorityQueue <init>()V
java/util/PriorityQueue <init>(I)V

java/util/PriorityQueue <init>(ILjava/util/Comparator;)V
java/util/PriorityQueue initializeArray(Ljava/util/Collection;)V
java/util/PriorityQueue fillFromSorted(Ljava/util/Collection;)V
java/util/PriorityQueue fillFromUnsorted(Ljava/util/Collection;)V
java/util/PriorityQueue <init>(Ljava/util/Collection;)V
java/util/PriorityQueue <init>(Ljava/util/PriorityQueue;)V
java/util/PriorityQueue <init>(Ljava/util/SortedSet;)V
java/util/PriorityQueue grow(I)V
java/util/PriorityQueue offer(Ljava/lang/Object;)Z
java/util/PriorityQueue peek()Ljava/lang/Object;
java/util/PriorityQueue
 add(Ljava/lang/Object;)Z
java/util/PriorityQueue remove(Ljava/lang/Object;)Z
java/util/PriorityQueue iterator()Ljava/util/Iterator;
java/util/PriorityQueue size()I
java/util/PriorityQueue clear()V
java/util/PriorityQueue poll()Ljava/lang/Object;
java/util/PriorityQueue removeAt(I)Ljava/lang/Object;
java/util/PriorityQueue fixUp(I)V
java/util/PriorityQueue fixDown(I)V
java/util/PriorityQueue heapify()V
java/util/PriorityQueue comparator()Ljava/util/Comparator;
java/util/PriorityQueue writeObject(Ljava/io/ObjectOutputStream;)V
java/util/PriorityQueue readObject(Ljava/io/ObjectInputStream;)V
java/util/PriorityQueue access$100(Ljava/util/PriorityQueue;)I
java/util/PriorityQueue access$200(Ljava/util/PriorityQueue;)I
java/util/PriorityQueue access$300(Ljava/util/PriorityQueue;)[Ljava/lang/Object;
java/util/PriorityQueue access$400(Ljava/util/PriorityQueue;I)Ljava/lang/Object;
java/util/PriorityQueue <clinit>()V
class java/util/RegularEnumSet$EnumSetIterator
 java/lang/Object
java/util/RegularEnumSet$EnumSetIterator unseen
java/util/RegularEnumSet$EnumSetIterator lastReturned
java/util/RegularEnumSet$EnumSetIterator this$0
java/util/RegularEnumSet$EnumSetIterator <init>(Ljava/util/RegularEnumSet;)V
java/util/RegularEnumSet$EnumSetIterator hasNext()Z
java/util/RegularEnumSet$EnumSetIterator next()Ljava/lang/Enum;
java/util/RegularEnumSet$EnumSetIterator remove()V
java/util/RegularEnumSet$EnumSetIterator next()Ljava/lang/Object;
class java/util/RegularEnumSet java/util/EnumSet
java/util/RegularEnumSet elements
java/util/RegularEnumSet <init>(Ljava/lang/Class;[Ljava/lang/Enum;)V
java/util/RegularEnumSet addRange(Ljava/lang/Enum;Ljava/lang/Enum;)V
java/util/RegularEnumSet addAll()V
java/util/RegularEnumSet complement()V
java/util/RegularEnumSet iterator()Ljava/util/Iterator;
java/util/RegularEnumSet size()I
java/util/RegularEnumSet isEmpty()Z

java/util/RegularEnumSet contains(Ljava/lang/Object;)Z
java/util/RegularEnumSet add(Ljava/lang/Enum;)Z
java/util/RegularEnumSet
 remove(Ljava/lang/Object;)Z
java/util/RegularEnumSet containsAll(Ljava/util/Collection;)Z
java/util/RegularEnumSet addAll(Ljava/util/Collection;)Z
java/util/RegularEnumSet removeAll(Ljava/util/Collection;)Z
java/util/RegularEnumSet retainAll(Ljava/util/Collection;)Z
java/util/RegularEnumSet clear()V
java/util/RegularEnumSet equals(Ljava/lang/Object;)Z
java/util/RegularEnumSet add(Ljava/lang/Object;)Z
java/util/RegularEnumSet access$000(Ljava/util/RegularEnumSet;)J
java/util/RegularEnumSet access$022(Ljava/util/RegularEnumSet;J)J
class java/util/Scanner$1 sun/misc/LRUCache
java/util/Scanner$1 this$0
java/util/Scanner$1 <init>(Ljava/util/Scanner;I)V
java/util/Scanner$1 create(Ljava/lang/String;)Ljava/util/regex/Pattern;
java/util/Scanner$1 hasName(Ljava/util/regex/Pattern;Ljava/lang/String;)Z
java/util/Scanner$1 hasName(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/Scanner$1 create(Ljava/lang/Object;)Ljava/lang/Object;
class java/util/Scanner java/lang/Object
java/util/Scanner
 buf
java/util/Scanner BUFFER_SIZE
java/util/Scanner position
java/util/Scanner matcher
java/util/Scanner delimPattern
java/util/Scanner hasNextPattern
java/util/Scanner hasNextPosition
java/util/Scanner hasNextResult
java/util/Scanner source
java/util/Scanner sourceClosed
java/util/Scanner needInput
java/util/Scanner skipped
java/util/Scanner savedScannerPosition
java/util/Scanner typeCache
java/util/Scanner matchValid
java/util/Scanner closed
java/util/Scanner radix
java/util/Scanner defaultRadix
java/util/Scanner locale
java/util/Scanner patternCache
java/util/Scanner lastException
java/util/Scanner WHITESPACE_PATTERN
java/util/Scanner FIND_ANY_PATTERN
java/util/Scanner NON_ASCII_DIGIT
java/util/Scanner groupSeparator
java/util/Scanner decimalSeparator

java/util/Scanner nanString
java/util/Scanner infinityString
java/util/Scanner positivePrefix
java/util/Scanner negativePrefix
java/util/Scanner positiveSuffix
java/util/Scanner negativeSuffix
java/util/Scanner
boolPattern
java/util/Scanner BOOLEAN_PATTERN
java/util/Scanner integerPattern
java/util/Scanner digits
java/util/Scanner non0Digit
java/util/Scanner SIMPLE_GROUP_INDEX
java/util/Scanner separatorPattern
java/util/Scanner LINE_SEPARATOR_PATTERN
java/util/Scanner floatPattern
java/util/Scanner decimalPattern
java/util/Scanner boolPattern()Ljava/util/regex/Pattern;
java/util/Scanner buildIntegerPatternString()Ljava/lang/String;
java/util/Scanner integerPattern()Ljava/util/regex/Pattern;
java/util/Scanner separatorPattern()Ljava/util/regex/Pattern;
java/util/Scanner buildFloatAndDecimalPattern()V
java/util/Scanner floatPattern()Ljava/util/regex/Pattern;
java/util/Scanner decimalPattern()Ljava/util/regex/Pattern;
java/util/Scanner <init>(Ljava/lang/Readable;Ljava/util/regex/Pattern;)V
java/util/Scanner <init>(Ljava/lang/Readable;)V
java/util/Scanner <init>(Ljava/io/InputStream;)V
java/util/Scanner <init>(Ljava/io/InputStream;Ljava/lang/String;)V
java/util/Scanner makeReadable(Ljava/io/InputStream;Ljava/lang/String;)Ljava/lang/Readable;
java/util/Scanner
<init>(Ljava/io/File;)V
java/util/Scanner <init>(Ljava/io/File;Ljava/lang/String;)V
java/util/Scanner <init>(Ljava/lang/String;)V
java/util/Scanner <init>(Ljava/nio/channels/ReadableByteChannel;)V
java/util/Scanner makeReadable(Ljava/nio/channels/ReadableByteChannel;)Ljava/lang/Readable;
java/util/Scanner <init>(Ljava/nio/channels/ReadableByteChannel;Ljava/lang/String;)V
java/util/Scanner makeReadable(Ljava/nio/channels/ReadableByteChannel;Ljava/lang/String;)Ljava/lang/Readable;
java/util/Scanner saveState()V
java/util/Scanner revertState()V
java/util/Scanner revertState(Z)Z
java/util/Scanner cacheResult(Ljava/util/regex/Pattern;)V
java/util/Scanner clearCaches()V
java/util/Scanner getCachedResult()Ljava/lang/String;
java/util/Scanner useTypeCache()V
java/util/Scanner readInput()V
java/util/Scanner makeSpace()Z
java/util/Scanner translateSavedIndexes(I)V
java/util/Scanner throwFor()V

java/util/Scanner hasTokenInBuffer()Z
java/util/Scanner
getCompleteTokenInBuffer(Ljava/util/regex/Pattern;)Ljava/lang/String;
java/util/Scanner findPatternInBuffer(Ljava/util/regex/Pattern;I)Ljava/lang/String;
java/util/Scanner matchPatternInBuffer(Ljava/util/regex/Pattern;)Ljava/lang/String;
java/util/Scanner ensureOpen()V
java/util/Scanner close()V
java/util/Scanner ioException()Ljava/io/IOException;
java/util/Scanner delimiter()Ljava/util/regex/Pattern;
java/util/Scanner useDelimiter(Ljava/util/regex/Pattern;)Ljava/util/Scanner;
java/util/Scanner useDelimiter(Ljava/lang/String;)Ljava/util/Scanner;
java/util/Scanner locale()Ljava/util/Locale;
java/util/Scanner useLocale(Ljava/util/Locale;)Ljava/util/Scanner;
java/util/Scanner radix()I
java/util/Scanner useRadix(I)Ljava/util/Scanner;
java/util/Scanner setRadix(I)V
java/util/Scanner match()Ljava/util/regex/MatchResult;
java/util/Scanner toString()Ljava/lang/String;
java/util/Scanner hasNext()Z
java/util/Scanner next()Ljava/lang/String;
java/util/Scanner remove()V
java/util/Scanner
hasNext(Ljava/lang/String;)Z
java/util/Scanner next(Ljava/lang/String;)Ljava/lang/String;
java/util/Scanner hasNext(Ljava/util/regex/Pattern;)Z
java/util/Scanner next(Ljava/util/regex/Pattern;)Ljava/lang/String;
java/util/Scanner hasNextLine()Z
java/util/Scanner nextLine()Ljava/lang/String;
java/util/Scanner findInLine(Ljava/lang/String;)Ljava/lang/String;
java/util/Scanner findInLine(Ljava/util/regex/Pattern;)Ljava/lang/String;
java/util/Scanner findWithinHorizon(Ljava/lang/String;I)Ljava/lang/String;
java/util/Scanner findWithinHorizon(Ljava/util/regex/Pattern;I)Ljava/lang/String;
java/util/Scanner skip(Ljava/util/regex/Pattern;)Ljava/util/Scanner;
java/util/Scanner skip(Ljava/lang/String;)Ljava/util/Scanner;
java/util/Scanner hasNextBoolean()Z
java/util/Scanner nextBoolean()Z
java/util/Scanner hasNextByte()Z
java/util/Scanner hasNextByte(I)Z
java/util/Scanner nextByte()B
java/util/Scanner nextByte(I)B
java/util/Scanner hasNextShort()Z
java/util/Scanner hasNextShort(I)Z
java/util/Scanner
nextShort()S
java/util/Scanner nextShort(I)S
java/util/Scanner hasNextInt()Z
java/util/Scanner hasNextInt(I)Z
java/util/Scanner processIntegerToken(Ljava/lang/String;)Ljava/lang/String;

java/util/Scanner nextInt()I
java/util/Scanner nextInt(I)I
java/util/Scanner hasNextLong()Z
java/util/Scanner hasNextLong(I)Z
java/util/Scanner nextLong()J
java/util/Scanner nextLong(I)J
java/util/Scanner processFloatToken(Ljava/lang/String;)Ljava/lang/String;
java/util/Scanner hasNextFloat()Z
java/util/Scanner nextFloat()F
java/util/Scanner hasNextDouble()Z
java/util/Scanner nextDouble()D
java/util/Scanner hasNextBigInteger()Z
java/util/Scanner hasNextBigInteger(I)Z
java/util/Scanner nextBigInteger()Ljava/math/BigInteger;
java/util/Scanner nextBigInteger(I)Ljava/math/BigInteger;
java/util/Scanner hasNextBigDecimal()Z
java/util/Scanner nextBigDecimal()Ljava/math/BigDecimal;
java/util/Scanner next()Ljava/lang/Object;
java/util/Scanner <clinit>()V
class java/util/SimpleTimeZone java/util/TimeZone
java/util/SimpleTimeZone
 startMonth
java/util/SimpleTimeZone startDay
java/util/SimpleTimeZone startDayOfWeek
java/util/SimpleTimeZone startTime
java/util/SimpleTimeZone startTimeMode
java/util/SimpleTimeZone endMonth
java/util/SimpleTimeZone endDay
java/util/SimpleTimeZone endDayOfWeek
java/util/SimpleTimeZone endTime
java/util/SimpleTimeZone endTimeMode
java/util/SimpleTimeZone startYear
java/util/SimpleTimeZone rawOffset
java/util/SimpleTimeZone useDaylight
java/util/SimpleTimeZone millisPerHour
java/util/SimpleTimeZone millisPerDay
java/util/SimpleTimeZone monthLength
java/util/SimpleTimeZone staticMonthLength
java/util/SimpleTimeZone staticLeapMonthLength
java/util/SimpleTimeZone startMode
java/util/SimpleTimeZone endMode
java/util/SimpleTimeZone dstSavings
java/util/SimpleTimeZone gcal
java/util/SimpleTimeZone cacheYear
java/util/SimpleTimeZone cacheStart
java/util/SimpleTimeZone cacheEnd
java/util/SimpleTimeZone DOM_MODE
java/util/SimpleTimeZone DOW_IN_MONTH_MODE

java/util/SimpleTimeZone
DOW_GE_DOM_MODE
java/util/SimpleTimeZone DOW_LE_DOM_MODE
java/util/SimpleTimeZone WALL_TIME
java/util/SimpleTimeZone STANDARD_TIME
java/util/SimpleTimeZone UTC_TIME
java/util/SimpleTimeZone serialVersionUID
java/util/SimpleTimeZone currentSerialVersion
java/util/SimpleTimeZone serialVersionOnStream
java/util/SimpleTimeZone <init>(ILjava/lang/String;)V
java/util/SimpleTimeZone <init>(ILjava/lang/String;IIIIIII)V
java/util/SimpleTimeZone <init>(ILjava/lang/String;IIIIIIII)V
java/util/SimpleTimeZone <init>(ILjava/lang/String;IIIIIIIIII)V
java/util/SimpleTimeZone setStartYear(I)V
java/util/SimpleTimeZone setStartRule(IIII)V
java/util/SimpleTimeZone setStartRule(III)V
java/util/SimpleTimeZone setStartRule(IIIIZ)V
java/util/SimpleTimeZone setEndRule(IIII)V
java/util/SimpleTimeZone setEndRule(III)V
java/util/SimpleTimeZone setEndRule(IIIIZ)V
java/util/SimpleTimeZone getOffset(J)I
java/util/SimpleTimeZone getOffsets(J[I)I
java/util/SimpleTimeZone getOffset(IIIIII)I
java/util/SimpleTimeZone
getOffset(Lsun/util/calendar/BaseCalendar;Lsun/util/calendar/BaseCalendar$Date;IJ)I
java/util/SimpleTimeZone getStart(Lsun/util/calendar/BaseCalendar;Lsun/util/calendar/BaseCalendar$Date;I)J
java/util/SimpleTimeZone getEnd(Lsun/util/calendar/BaseCalendar;Lsun/util/calendar/BaseCalendar$Date;I)J
java/util/SimpleTimeZone
getTransition(Lsun/util/calendar/BaseCalendar;Lsun/util/calendar/BaseCalendar$Date;IIIIII)J
java/util/SimpleTimeZone getRawOffset()I
java/util/SimpleTimeZone setRawOffset(I)V
java/util/SimpleTimeZone setDSTSavings(I)V
java/util/SimpleTimeZone getDSTSavings()I
java/util/SimpleTimeZone useDaylightTime()Z
java/util/SimpleTimeZone inDaylightTime(Ljava/util/Date;)Z
java/util/SimpleTimeZone clone()Ljava/lang/Object;
java/util/SimpleTimeZone hashCode()I
java/util/SimpleTimeZone equals(Ljava/lang/Object;)Z
java/util/SimpleTimeZone hasSameRules(Ljava/util/TimeZone;)Z
java/util/SimpleTimeZone toString()Ljava/lang/String;
java/util/SimpleTimeZone invalidateCache()V
java/util/SimpleTimeZone
decodeRules()V
java/util/SimpleTimeZone decodeStartRule()V
java/util/SimpleTimeZone decodeEndRule()V
java/util/SimpleTimeZone makeRulesCompatible()V
java/util/SimpleTimeZone packRules()[B
java/util/SimpleTimeZone unpackRules([B)V

java/util/SimpleTimeZone packTimes()[I
java/util/SimpleTimeZone unpackTimes([I)V
java/util/SimpleTimeZone writeObject(Ljava/io/ObjectOutputStream;)V
java/util/SimpleTimeZone readObject(Ljava/io/ObjectInputStream;)V
java/util/SimpleTimeZone <clinit>()V
class java/util/TimeZone$DisplayNames java/lang/Object
java/util/TimeZone$DisplayNames CACHE
java/util/TimeZone$DisplayNames <init>()V
java/util/TimeZone$DisplayNames access$000()Ljava/util/Map;
java/util/TimeZone$DisplayNames <clinit>()V
class java/util/TooManyListenersException java/lang/Exception
java/util/TooManyListenersException <init>()V
java/util/TooManyListenersException <init>(Ljava/lang/String;)V
class java/util/TreeMap$3 java/util/AbstractSet
java/util/TreeMap$3 this$0
java/util/TreeMap$3
 <init>(Ljava/util/TreeMap;)V
java/util/TreeMap$3 iterator()Ljava/util/Iterator;
java/util/TreeMap$3 contains(Ljava/lang/Object;)Z
java/util/TreeMap$3 remove(Ljava/lang/Object;)Z
java/util/TreeMap$3 size()I
java/util/TreeMap$3 clear()V
class java/util/TreeMap$EntryIterator java/util/TreeMap$PrivateEntryIterator
java/util/TreeMap$EntryIterator this$0
java/util/TreeMap$EntryIterator <init>(Ljava/util/TreeMap;)V
java/util/TreeMap$EntryIterator next()Ljava/util/Map$Entry;
java/util/TreeMap$EntryIterator next()Ljava/lang/Object;
java/util/TreeMap$EntryIterator <init>(Ljava/util/TreeMap;Ljava/util/TreeMap$1;)V
class java/util/TreeMap$SubMap$EntrySetView java/util/AbstractSet
java/util/TreeMap$SubMap$EntrySetView size
java/util/TreeMap$SubMap$EntrySetView sizeModCount
java/util/TreeMap$SubMap$EntrySetView this$1
java/util/TreeMap$SubMap$EntrySetView <init>(Ljava/util/TreeMap$SubMap;)V
java/util/TreeMap$SubMap$EntrySetView size()I
java/util/TreeMap$SubMap$EntrySetView isEmpty()Z
java/util/TreeMap$SubMap$EntrySetView
 contains(Ljava/lang/Object;)Z
java/util/TreeMap$SubMap$EntrySetView remove(Ljava/lang/Object;)Z
java/util/TreeMap$SubMap$EntrySetView iterator()Ljava/util/Iterator;
java/util/TreeMap$SubMap$EntrySetView <init>(Ljava/util/TreeMap$SubMap;Ljava/util/TreeMap$1;)V
class java/util/TreeMap$SubMap java/util/AbstractMap
java/util/TreeMap$SubMap serialVersionUID
java/util/TreeMap$SubMap fromStart
java/util/TreeMap$SubMap toEnd
java/util/TreeMap$SubMap fromKey
java/util/TreeMap$SubMap toKey
java/util/TreeMap$SubMap entrySet
java/util/TreeMap$SubMap this$0

java/util/TreeMap$SubMap <init>(Ljava/util/TreeMap;Ljava/lang/Object;Ljava/lang/Object;)V
java/util/TreeMap$SubMap <init>(Ljava/util/TreeMap;Ljava/lang/Object;Z)V
java/util/TreeMap$SubMap <init>(Ljava/util/TreeMap;ZLjava/lang/Object;ZLjava/lang/Object;)V
java/util/TreeMap$SubMap isEmpty()Z
java/util/TreeMap$SubMap containsKey(Ljava/lang/Object;)Z
java/util/TreeMap$SubMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/TreeMap$SubMap
put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/TreeMap$SubMap comparator()Ljava/util/Comparator;
java/util/TreeMap$SubMap firstKey()Ljava/lang/Object;
java/util/TreeMap$SubMap lastKey()Ljava/lang/Object;
java/util/TreeMap$SubMap entrySet()Ljava/util/Set;
java/util/TreeMap$SubMap subMap(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/TreeMap$SubMap headMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/TreeMap$SubMap tailMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/TreeMap$SubMap inRange(Ljava/lang/Object;)Z
java/util/TreeMap$SubMap inRange2(Ljava/lang/Object;)Z
java/util/TreeMap$SubMap access$1700(Ljava/util/TreeMap$SubMap;Ljava/lang/Object;)Z
java/util/TreeMap$SubMap access$1800(Ljava/util/TreeMap$SubMap;)Z
java/util/TreeMap$SubMap access$1900(Ljava/util/TreeMap$SubMap;)Ljava/lang/Object;
java/util/TreeMap$SubMap access$2000(Ljava/util/TreeMap$SubMap;)Z
java/util/TreeMap$SubMap access$2100(Ljava/util/TreeMap$SubMap;)Ljava/lang/Object;
class
java/util/TreeMap$SubMapEntryIterator java/util/TreeMap$PrivateEntryIterator
java/util/TreeMap$SubMapEntryIterator firstExcludedKey
java/util/TreeMap$SubMapEntryIterator this$0
java/util/TreeMap$SubMapEntryIterator
<init>(Ljava/util/TreeMap;Ljava/util/TreeMap$Entry;Ljava/util/TreeMap$Entry;)V
java/util/TreeMap$SubMapEntryIterator hasNext()Z
java/util/TreeMap$SubMapEntryIterator next()Ljava/util/Map$Entry;
java/util/TreeMap$SubMapEntryIterator next()Ljava/lang/Object;
class java/util/UUID java/lang/Object
java/util/UUID serialVersionUID
java/util/UUID mostSigBits
java/util/UUID leastSigBits
java/util/UUID version
java/util/UUID variant
java/util/UUID timestamp
java/util/UUID sequence
java/util/UUID node
java/util/UUID hashCode
java/util/UUID numberGenerator
java/util/UUID $assertionsDisabled
java/util/UUID <init>([B)V
java/util/UUID <init>(JJ)V
java/util/UUID randomUUID()Ljava/util/UUID;
java/util/UUID nameUUIDFromBytes([B)Ljava/util/UUID;
java/util/UUID

fromString(Ljava/lang/String;)Ljava/util/UUID;
java/util/UUID getLeastSignificantBits()J
java/util/UUID getMostSignificantBits()J
java/util/UUID version()I
java/util/UUID variant()I
java/util/UUID timestamp()J
java/util/UUID clockSequence()I
java/util/UUID node()J
java/util/UUID toString()Ljava/lang/String;
java/util/UUID digits(JI)Ljava/lang/String;
java/util/UUID hashCode()I
java/util/UUID equals(Ljava/lang/Object;)Z
java/util/UUID compareTo(Ljava/util/UUID;)I
java/util/UUID readObject(Ljava/io/ObjectInputStream;)V
java/util/UUID compareTo(Ljava/lang/Object;)I
java/util/UUID <clinit>()V
class java/util/UnknownFormatConversionException java/util/IllegalFormatException
java/util/UnknownFormatConversionException serialVersionUID
java/util/UnknownFormatConversionException s
java/util/UnknownFormatConversionException <init>(Ljava/lang/String;)V
java/util/UnknownFormatConversionException getConversion()Ljava/lang/String;
java/util/UnknownFormatConversionException getMessage()Ljava/lang/String;
class
java/util/UnknownFormatFlagsException java/util/IllegalFormatException
java/util/UnknownFormatFlagsException serialVersionUID
java/util/UnknownFormatFlagsException flags
java/util/UnknownFormatFlagsException <init>(Ljava/lang/String;)V
java/util/UnknownFormatFlagsException getFlags()Ljava/lang/String;
java/util/UnknownFormatFlagsException getMessage()Ljava/lang/String;
class java/util/WeakHashMap$1 java/lang/Object
class java/util/WeakHashMap$ValueIterator java/util/WeakHashMap$HashIterator
java/util/WeakHashMap$ValueIterator this$0
java/util/WeakHashMap$ValueIterator <init>(Ljava/util/WeakHashMap;)V
java/util/WeakHashMap$ValueIterator next()Ljava/lang/Object;
java/util/WeakHashMap$ValueIterator <init>(Ljava/util/WeakHashMap;Ljava/util/WeakHashMap$1;)V
class java/util/WeakHashMap$Values java/util/AbstractCollection
java/util/WeakHashMap$Values this$0
java/util/WeakHashMap$Values <init>(Ljava/util/WeakHashMap;)V
java/util/WeakHashMap$Values iterator()Ljava/util/Iterator;
java/util/WeakHashMap$Values
size()I
java/util/WeakHashMap$Values contains(Ljava/lang/Object;)Z
java/util/WeakHashMap$Values clear()V
java/util/WeakHashMap$Values toArray()[Ljava/lang/Object;
java/util/WeakHashMap$Values toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/WeakHashMap$Values <init>(Ljava/util/WeakHashMap;Ljava/util/WeakHashMap$1;)V
class java/util/XMLUtils$1 java/lang/Object
class java/util/XMLUtils$EH java/lang/Object

java/util/XMLUtils$EH <init>()V
java/util/XMLUtils$EH error(Lorg/xml/sax/SAXParseException;)V
java/util/XMLUtils$EH fatalError(Lorg/xml/sax/SAXParseException;)V
java/util/XMLUtils$EH warning(Lorg/xml/sax/SAXParseException;)V
java/util/XMLUtils$EH <init>(Ljava/util/XMLUtils$1;)V
class java/util/XMLUtils$Resolver java/lang/Object
java/util/XMLUtils$Resolver <init>()V
java/util/XMLUtils$Resolver resolveEntity(Ljava/lang/String;Ljava/lang/String;)Lorg/xml/sax/InputSource;
java/util/XMLUtils$Resolver <init>(Ljava/util/XMLUtils$1;)V
class java/util/XMLUtils
 java/lang/Object
java/util/XMLUtils PROPS_DTD_URI
java/util/XMLUtils PROPS_DTD
java/util/XMLUtils EXTERNAL_XML_VERSION
java/util/XMLUtils $assertionsDisabled
java/util/XMLUtils <init>()V
java/util/XMLUtils load(Ljava/util/Properties;Ljava/io/InputStream;)V
java/util/XMLUtils getLoadingDoc(Ljava/io/InputStream;)Lorg/w3c/dom/Document;
java/util/XMLUtils importProperties(Ljava/util/Properties;Lorg/w3c/dom/Element;)V
java/util/XMLUtils save(Ljava/util/Properties;Ljava/io/OutputStream;Ljava/lang/String;Ljava/lang/String;)V
java/util/XMLUtils emitDocument(Lorg/w3c/dom/Document;Ljava/io/OutputStream;Ljava/lang/String;)V
java/util/XMLUtils <clinit>()V
class java/util/concurrent/AbstractExecutorService java/lang/Object
java/util/concurrent/AbstractExecutorService $assertionsDisabled
java/util/concurrent/AbstractExecutorService <init>()V
java/util/concurrent/AbstractExecutorService submit(Ljava/lang/Runnable;)Ljava/util/concurrent/Future;
java/util/concurrent/AbstractExecutorService
 submit(Ljava/lang/Runnable;Ljava/lang/Object;)Ljava/util/concurrent/Future;
java/util/concurrent/AbstractExecutorService submit(Ljava/util/concurrent/Callable;)Ljava/util/concurrent/Future;
java/util/concurrent/AbstractExecutorService doInvokeAny(Ljava/util/Collection;ZJ)Ljava/lang/Object;
java/util/concurrent/AbstractExecutorService invokeAny(Ljava/util/Collection;)Ljava/lang/Object;
java/util/concurrent/AbstractExecutorService
invokeAny(Ljava/util/Collection;JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/AbstractExecutorService invokeAll(Ljava/util/Collection;)Ljava/util/List;
java/util/concurrent/AbstractExecutorService
invokeAll(Ljava/util/Collection;JLjava/util/concurrent/TimeUnit;)Ljava/util/List;
java/util/concurrent/AbstractExecutorService <clinit>()V
class java/util/concurrent/ArrayBlockingQueue$Itr java/lang/Object
java/util/concurrent/ArrayBlockingQueue$Itr nextIndex
java/util/concurrent/ArrayBlockingQueue$Itr nextItem
java/util/concurrent/ArrayBlockingQueue$Itr
 lastRet
java/util/concurrent/ArrayBlockingQueue$Itr this$0
java/util/concurrent/ArrayBlockingQueue$Itr <init>(Ljava/util/concurrent/ArrayBlockingQueue;)V
java/util/concurrent/ArrayBlockingQueue$Itr hasNext()Z
java/util/concurrent/ArrayBlockingQueue$Itr checkNext()V
java/util/concurrent/ArrayBlockingQueue$Itr next()Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue$Itr remove()V

class java/util/concurrent/ArrayBlockingQueue java/util/AbstractQueue
java/util/concurrent/ArrayBlockingQueue serialVersionUID
java/util/concurrent/ArrayBlockingQueue items
java/util/concurrent/ArrayBlockingQueue takeIndex
java/util/concurrent/ArrayBlockingQueue putIndex
java/util/concurrent/ArrayBlockingQueue count
java/util/concurrent/ArrayBlockingQueue lock
java/util/concurrent/ArrayBlockingQueue notEmpty
java/util/concurrent/ArrayBlockingQueue notFull
java/util/concurrent/ArrayBlockingQueue inc(I)I
java/util/concurrent/ArrayBlockingQueue insert(Ljava/lang/Object;)V
java/util/concurrent/ArrayBlockingQueue
extract()Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue removeAt(I)V
java/util/concurrent/ArrayBlockingQueue <init>(I)V
java/util/concurrent/ArrayBlockingQueue <init>(IZ)V
java/util/concurrent/ArrayBlockingQueue <init>(IZLjava/util/Collection;)V
java/util/concurrent/ArrayBlockingQueue offer(Ljava/lang/Object;)Z
java/util/concurrent/ArrayBlockingQueue offer(Ljava/lang/Object;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/ArrayBlockingQueue poll()Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue poll(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue remove(Ljava/lang/Object;)Z
java/util/concurrent/ArrayBlockingQueue peek()Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue take()Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue put(Ljava/lang/Object;)V
java/util/concurrent/ArrayBlockingQueue size()I
java/util/concurrent/ArrayBlockingQueue remainingCapacity()I
java/util/concurrent/ArrayBlockingQueue
contains(Ljava/lang/Object;)Z
java/util/concurrent/ArrayBlockingQueue toArray()[Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue toString()Ljava/lang/String;
java/util/concurrent/ArrayBlockingQueue clear()V
java/util/concurrent/ArrayBlockingQueue drainTo(Ljava/util/Collection;)I
java/util/concurrent/ArrayBlockingQueue drainTo(Ljava/util/Collection;I)I
java/util/concurrent/ArrayBlockingQueue iterator()Ljava/util/Iterator;
java/util/concurrent/ArrayBlockingQueue access$000(Ljava/util/concurrent/ArrayBlockingQueue;)I
java/util/concurrent/ArrayBlockingQueue access$100(Ljava/util/concurrent/ArrayBlockingQueue;)I
java/util/concurrent/ArrayBlockingQueue
access$200(Ljava/util/concurrent/ArrayBlockingQueue;)[Ljava/lang/Object;
java/util/concurrent/ArrayBlockingQueue access$300(Ljava/util/concurrent/ArrayBlockingQueue;)I
java/util/concurrent/ArrayBlockingQueue
access$400(Ljava/util/concurrent/ArrayBlockingQueue;)Ljava/util/concurrent/locks/ReentrantLock;
class
java/util/concurrent/BlockingQueue java/lang/Object
java/util/concurrent/BlockingQueue offer(Ljava/lang/Object;)Z
java/util/concurrent/BlockingQueue offer(Ljava/lang/Object;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/BlockingQueue poll(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;

java/util/concurrent/BlockingQueue take()Ljava/lang/Object;
java/util/concurrent/BlockingQueue put(Ljava/lang/Object;)V
java/util/concurrent/BlockingQueue remainingCapacity()I
java/util/concurrent/BlockingQueue add(Ljava/lang/Object;)Z
java/util/concurrent/BlockingQueue drainTo(Ljava/util/Collection;)I
java/util/concurrent/BlockingQueue drainTo(Ljava/util/Collection;I)I
class java/util/concurrent/BrokenBarrierException java/lang/Exception
java/util/concurrent/BrokenBarrierException serialVersionUID
java/util/concurrent/BrokenBarrierException <init>()V
java/util/concurrent/BrokenBarrierException <init>(Ljava/lang/String;)V
class
 java/util/concurrent/Callable java/lang/Object
java/util/concurrent/Callable call()Ljava/lang/Object;
class java/util/concurrent/CancellationException java/lang/IllegalStateException
java/util/concurrent/CancellationException serialVersionUID
java/util/concurrent/CancellationException <init>()V
java/util/concurrent/CancellationException <init>(Ljava/lang/String;)V
class java/util/concurrent/CompletionService java/lang/Object
java/util/concurrent/CompletionService submit(Ljava/util/concurrent/Callable;)Ljava/util/concurrent/Future;
java/util/concurrent/CompletionService
submit(Ljava/lang/Runnable;Ljava/lang/Object;)Ljava/util/concurrent/Future;
java/util/concurrent/CompletionService take()Ljava/util/concurrent/Future;
java/util/concurrent/CompletionService poll()Ljava/util/concurrent/Future;
java/util/concurrent/CompletionService poll(JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/Future;
class java/util/concurrent/ConcurrentHashMap$EntryIterator java/util/concurrent/ConcurrentHashMap$HashIterator
java/util/concurrent/ConcurrentHashMap$EntryIterator
 this$0
java/util/concurrent/ConcurrentHashMap$EntryIterator <init>(Ljava/util/concurrent/ConcurrentHashMap;)V
java/util/concurrent/ConcurrentHashMap$EntryIterator next()Ljava/util/Map$Entry;
java/util/concurrent/ConcurrentHashMap$EntryIterator getKey()Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$EntryIterator getValue()Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$EntryIterator setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$EntryIterator equals(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$EntryIterator hashCode()I
java/util/concurrent/ConcurrentHashMap$EntryIterator toString()Ljava/lang/String;
java/util/concurrent/ConcurrentHashMap$EntryIterator eq(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$EntryIterator next()Ljava/lang/Object;
class java/util/concurrent/ConcurrentHashMap$EntrySet java/util/AbstractSet
java/util/concurrent/ConcurrentHashMap$EntrySet
 this$0
java/util/concurrent/ConcurrentHashMap$EntrySet <init>(Ljava/util/concurrent/ConcurrentHashMap;)V
java/util/concurrent/ConcurrentHashMap$EntrySet iterator()Ljava/util/Iterator;
java/util/concurrent/ConcurrentHashMap$EntrySet contains(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$EntrySet remove(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$EntrySet size()I
java/util/concurrent/ConcurrentHashMap$EntrySet clear()V
java/util/concurrent/ConcurrentHashMap$EntrySet toArray()[Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$EntrySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;

class java/util/concurrent/ConcurrentHashMap$HashIterator java/lang/Object
java/util/concurrent/ConcurrentHashMap$HashIterator nextSegmentIndex
java/util/concurrent/ConcurrentHashMap$HashIterator nextTableIndex
java/util/concurrent/ConcurrentHashMap$HashIterator currentTable
java/util/concurrent/ConcurrentHashMap$HashIterator
 nextEntry
java/util/concurrent/ConcurrentHashMap$HashIterator lastReturned
java/util/concurrent/ConcurrentHashMap$HashIterator this$0
java/util/concurrent/ConcurrentHashMap$HashIterator <init>(Ljava/util/concurrent/ConcurrentHashMap;)V
java/util/concurrent/ConcurrentHashMap$HashIterator hasMoreElements()Z
java/util/concurrent/ConcurrentHashMap$HashIterator advance()V
java/util/concurrent/ConcurrentHashMap$HashIterator hasNext()Z
java/util/concurrent/ConcurrentHashMap$HashIterator
nextEntry()Ljava/util/concurrent/ConcurrentHashMap$HashEntry;
java/util/concurrent/ConcurrentHashMap$HashIterator remove()V
class java/util/concurrent/ConcurrentHashMap$KeyIterator java/util/concurrent/ConcurrentHashMap$HashIterator
java/util/concurrent/ConcurrentHashMap$KeyIterator this$0
java/util/concurrent/ConcurrentHashMap$KeyIterator <init>(Ljava/util/concurrent/ConcurrentHashMap;)V
java/util/concurrent/ConcurrentHashMap$KeyIterator next()Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$KeyIterator
 nextElement()Ljava/lang/Object;
class java/util/concurrent/ConcurrentHashMap$KeySet java/util/AbstractSet
java/util/concurrent/ConcurrentHashMap$KeySet this$0
java/util/concurrent/ConcurrentHashMap$KeySet <init>(Ljava/util/concurrent/ConcurrentHashMap;)V
java/util/concurrent/ConcurrentHashMap$KeySet iterator()Ljava/util/Iterator;
java/util/concurrent/ConcurrentHashMap$KeySet size()I
java/util/concurrent/ConcurrentHashMap$KeySet contains(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$KeySet remove(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$KeySet clear()V
java/util/concurrent/ConcurrentHashMap$KeySet toArray()[Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$KeySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;
class java/util/concurrent/ConcurrentHashMap$SimpleEntry java/lang/Object
java/util/concurrent/ConcurrentHashMap$SimpleEntry key
java/util/concurrent/ConcurrentHashMap$SimpleEntry value
java/util/concurrent/ConcurrentHashMap$SimpleEntry
 <init>(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/concurrent/ConcurrentHashMap$SimpleEntry <init>(Ljava/util/Map$Entry;)V
java/util/concurrent/ConcurrentHashMap$SimpleEntry getKey()Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$SimpleEntry getValue()Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$SimpleEntry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$SimpleEntry equals(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$SimpleEntry hashCode()I
java/util/concurrent/ConcurrentHashMap$SimpleEntry toString()Ljava/lang/String;
java/util/concurrent/ConcurrentHashMap$SimpleEntry eq(Ljava/lang/Object;Ljava/lang/Object;)Z
class java/util/concurrent/ConcurrentHashMap$ValueIterator java/util/concurrent/ConcurrentHashMap$HashIterator
java/util/concurrent/ConcurrentHashMap$ValueIterator this$0
java/util/concurrent/ConcurrentHashMap$ValueIterator <init>(Ljava/util/concurrent/ConcurrentHashMap;)V
java/util/concurrent/ConcurrentHashMap$ValueIterator

next()Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$ValueIterator nextElement()Ljava/lang/Object;
class java/util/concurrent/ConcurrentHashMap$Values java/util/AbstractCollection
java/util/concurrent/ConcurrentHashMap$Values this$0
java/util/concurrent/ConcurrentHashMap$Values <init>(Ljava/util/concurrent/ConcurrentHashMap;)V
java/util/concurrent/ConcurrentHashMap$Values iterator()Ljava/util/Iterator;
java/util/concurrent/ConcurrentHashMap$Values size()I
java/util/concurrent/ConcurrentHashMap$Values contains(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$Values clear()V
java/util/concurrent/ConcurrentHashMap$Values toArray()[Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$Values toArray([Ljava/lang/Object;)[Ljava/lang/Object;
class java/util/concurrent/ConcurrentLinkedQueue$Itr java/lang/Object
java/util/concurrent/ConcurrentLinkedQueue$Itr nextNode
java/util/concurrent/ConcurrentLinkedQueue$Itr nextItem
java/util/concurrent/ConcurrentLinkedQueue$Itr
lastRet
java/util/concurrent/ConcurrentLinkedQueue$Itr this$0
java/util/concurrent/ConcurrentLinkedQueue$Itr <init>(Ljava/util/concurrent/ConcurrentLinkedQueue;)V
java/util/concurrent/ConcurrentLinkedQueue$Itr advance()Ljava/lang/Object;
java/util/concurrent/ConcurrentLinkedQueue$Itr hasNext()Z
java/util/concurrent/ConcurrentLinkedQueue$Itr next()Ljava/lang/Object;
java/util/concurrent/ConcurrentLinkedQueue$Itr remove()V
class java/util/concurrent/ConcurrentLinkedQueue$Node java/lang/Object
java/util/concurrent/ConcurrentLinkedQueue$Node item
java/util/concurrent/ConcurrentLinkedQueue$Node next
java/util/concurrent/ConcurrentLinkedQueue$Node nextUpdater
java/util/concurrent/ConcurrentLinkedQueue$Node itemUpdater
java/util/concurrent/ConcurrentLinkedQueue$Node <init>(Ljava/lang/Object;)V
java/util/concurrent/ConcurrentLinkedQueue$Node
<init>(Ljava/lang/Object;Ljava/util/concurrent/ConcurrentLinkedQueue$Node;)V
java/util/concurrent/ConcurrentLinkedQueue$Node
getItem()Ljava/lang/Object;
java/util/concurrent/ConcurrentLinkedQueue$Node casItem(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentLinkedQueue$Node setItem(Ljava/lang/Object;)V
java/util/concurrent/ConcurrentLinkedQueue$Node getNext()Ljava/util/concurrent/ConcurrentLinkedQueue$Node;
java/util/concurrent/ConcurrentLinkedQueue$Node
casNext(Ljava/util/concurrent/ConcurrentLinkedQueue$Node;Ljava/util/concurrent/ConcurrentLinkedQueue$Node;
)Z
java/util/concurrent/ConcurrentLinkedQueue$Node
setNext(Ljava/util/concurrent/ConcurrentLinkedQueue$Node;)V
java/util/concurrent/ConcurrentLinkedQueue$Node <clinit>()V
class java/util/concurrent/ConcurrentLinkedQueue java/util/AbstractQueue
java/util/concurrent/ConcurrentLinkedQueue serialVersionUID
java/util/concurrent/ConcurrentLinkedQueue tailUpdater
java/util/concurrent/ConcurrentLinkedQueue headUpdater
java/util/concurrent/ConcurrentLinkedQueue head
java/util/concurrent/ConcurrentLinkedQueue tail
java/util/concurrent/ConcurrentLinkedQueue

casTail(Ljava/util/concurrent/ConcurrentLinkedQueue$Node;Ljava/util/concurrent/ConcurrentLinkedQueue$Node;)
Z
java/util/concurrent/ConcurrentLinkedQueue
casHead(Ljava/util/concurrent/ConcurrentLinkedQueue$Node;Ljava/util/concurrent/ConcurrentLinkedQueue$Node
;)Z
java/util/concurrent/ConcurrentLinkedQueue <init>()V
java/util/concurrent/ConcurrentLinkedQueue <init>(Ljava/util/Collection;)V
java/util/concurrent/ConcurrentLinkedQueue add(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentLinkedQueue offer(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentLinkedQueue poll()Ljava/lang/Object;
java/util/concurrent/ConcurrentLinkedQueue peek()Ljava/lang/Object;
java/util/concurrent/ConcurrentLinkedQueue first()Ljava/util/concurrent/ConcurrentLinkedQueue$Node;
java/util/concurrent/ConcurrentLinkedQueue isEmpty()Z
java/util/concurrent/ConcurrentLinkedQueue size()I
java/util/concurrent/ConcurrentLinkedQueue contains(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentLinkedQueue
remove(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentLinkedQueue toArray()[Ljava/lang/Object;
java/util/concurrent/ConcurrentLinkedQueue toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/ConcurrentLinkedQueue iterator()Ljava/util/Iterator;
java/util/concurrent/ConcurrentLinkedQueue writeObject(Ljava/io/ObjectOutputStream;)V
java/util/concurrent/ConcurrentLinkedQueue readObject(Ljava/io/ObjectInputStream;)V
java/util/concurrent/ConcurrentLinkedQueue <clinit>()V
class java/util/concurrent/CopyOnWriteArrayList$1 java/lang/Object
class java/util/concurrent/CopyOnWriteArrayList$COWIterator java/lang/Object
java/util/concurrent/CopyOnWriteArrayList$COWIterator array
java/util/concurrent/CopyOnWriteArrayList$COWIterator cursor
java/util/concurrent/CopyOnWriteArrayList$COWIterator <init>([Ljava/lang/Object;I)V
java/util/concurrent/CopyOnWriteArrayList$COWIterator hasNext()Z
java/util/concurrent/CopyOnWriteArrayList$COWIterator hasPrevious()Z
java/util/concurrent/CopyOnWriteArrayList$COWIterator
next()Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList$COWIterator previous()Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList$COWIterator nextIndex()I
java/util/concurrent/CopyOnWriteArrayList$COWIterator previousIndex()I
java/util/concurrent/CopyOnWriteArrayList$COWIterator remove()V
java/util/concurrent/CopyOnWriteArrayList$COWIterator set(Ljava/lang/Object;)V
java/util/concurrent/CopyOnWriteArrayList$COWIterator add(Ljava/lang/Object;)V
java/util/concurrent/CopyOnWriteArrayList$COWIterator
<init>([Ljava/lang/Object;ILjava/util/concurrent/CopyOnWriteArrayList$1;)V
class java/util/concurrent/CopyOnWriteArrayList$COWSubList java/util/AbstractList
java/util/concurrent/CopyOnWriteArrayList$COWSubList l
java/util/concurrent/CopyOnWriteArrayList$COWSubList offset
java/util/concurrent/CopyOnWriteArrayList$COWSubList size
java/util/concurrent/CopyOnWriteArrayList$COWSubList expectedArray
java/util/concurrent/CopyOnWriteArrayList$COWSubList
<init>(Ljava/util/concurrent/CopyOnWriteArrayList;II)V
java/util/concurrent/CopyOnWriteArrayList$COWSubList checkForComodification()V

java/util/concurrent/CopyOnWriteArrayList$COWSubList rangeCheck(I)V
java/util/concurrent/CopyOnWriteArrayList$COWSubList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList$COWSubList get(I)Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList$COWSubList size()I
java/util/concurrent/CopyOnWriteArrayList$COWSubList add(ILjava/lang/Object;)V
java/util/concurrent/CopyOnWriteArrayList$COWSubList clear()V
java/util/concurrent/CopyOnWriteArrayList$COWSubList remove(I)Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList$COWSubList iterator()Ljava/util/Iterator;
java/util/concurrent/CopyOnWriteArrayList$COWSubList listIterator(I)Ljava/util/ListIterator;
java/util/concurrent/CopyOnWriteArrayList$COWSubList subList(II)Ljava/util/List;
java/util/concurrent/CopyOnWriteArrayList$COWSubList
<init>(Ljava/util/concurrent/CopyOnWriteArrayList;IILjava/util/concurrent/CopyOnWriteArrayList$1;)V
class
 java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator java/lang/Object
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator i
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator index
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator offset
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator size
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator <init>(Ljava/util/List;III)V
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator hasNext()Z
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator next()Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator hasPrevious()Z
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator previous()Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator nextIndex()I
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator previousIndex()I
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator
 remove()V
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator set(Ljava/lang/Object;)V
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator add(Ljava/lang/Object;)V
java/util/concurrent/CopyOnWriteArrayList$COWSubListIterator
<init>(Ljava/util/List;IIILjava/util/concurrent/CopyOnWriteArrayList$1;)V
class java/util/concurrent/CopyOnWriteArrayList java/lang/Object
java/util/concurrent/CopyOnWriteArrayList serialVersionUID
java/util/concurrent/CopyOnWriteArrayList array
java/util/concurrent/CopyOnWriteArrayList array()[Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList <init>()V
java/util/concurrent/CopyOnWriteArrayList <init>(Ljava/util/Collection;)V
java/util/concurrent/CopyOnWriteArrayList <init>([Ljava/lang/Object;)V
java/util/concurrent/CopyOnWriteArrayList copyIn([Ljava/lang/Object;II)V
java/util/concurrent/CopyOnWriteArrayList size()I
java/util/concurrent/CopyOnWriteArrayList isEmpty()Z
java/util/concurrent/CopyOnWriteArrayList
 contains(Ljava/lang/Object;)Z
java/util/concurrent/CopyOnWriteArrayList indexOf(Ljava/lang/Object;)I
java/util/concurrent/CopyOnWriteArrayList indexOf(Ljava/lang/Object;[Ljava/lang/Object;I)I
java/util/concurrent/CopyOnWriteArrayList indexOf(Ljava/lang/Object;I)I
java/util/concurrent/CopyOnWriteArrayList lastIndexOf(Ljava/lang/Object;)I
java/util/concurrent/CopyOnWriteArrayList lastIndexOf(Ljava/lang/Object;[Ljava/lang/Object;I)I

java/util/concurrent/CopyOnWriteArrayList lastIndexOf(Ljava/lang/Object;I)I
java/util/concurrent/CopyOnWriteArrayList clone()Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList toArray()[Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList get(I)Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList add(Ljava/lang/Object;)Z
java/util/concurrent/CopyOnWriteArrayList
add(ILjava/lang/Object;)V
java/util/concurrent/CopyOnWriteArrayList remove(I)Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList remove(Ljava/lang/Object;)Z
java/util/concurrent/CopyOnWriteArrayList removeRange(II)V
java/util/concurrent/CopyOnWriteArrayList addIfAbsent(Ljava/lang/Object;)Z
java/util/concurrent/CopyOnWriteArrayList containsAll(Ljava/util/Collection;)Z
java/util/concurrent/CopyOnWriteArrayList removeAll(Ljava/util/Collection;)Z
java/util/concurrent/CopyOnWriteArrayList retainAll(Ljava/util/Collection;)Z
java/util/concurrent/CopyOnWriteArrayList addAllAbsent(Ljava/util/Collection;)I
java/util/concurrent/CopyOnWriteArrayList clear()V
java/util/concurrent/CopyOnWriteArrayList addAll(Ljava/util/Collection;)Z
java/util/concurrent/CopyOnWriteArrayList addAll(ILjava/util/Collection;)Z
java/util/concurrent/CopyOnWriteArrayList rangeCheck(II)V
java/util/concurrent/CopyOnWriteArrayList writeObject(Ljava/io/ObjectOutputStream;)V
java/util/concurrent/CopyOnWriteArrayList
readObject(Ljava/io/ObjectInputStream;)V
java/util/concurrent/CopyOnWriteArrayList toString()Ljava/lang/String;
java/util/concurrent/CopyOnWriteArrayList equals(Ljava/lang/Object;)Z
java/util/concurrent/CopyOnWriteArrayList hashCode()I
java/util/concurrent/CopyOnWriteArrayList iterator()Ljava/util/Iterator;
java/util/concurrent/CopyOnWriteArrayList listIterator()Ljava/util/ListIterator;
java/util/concurrent/CopyOnWriteArrayList listIterator(I)Ljava/util/ListIterator;
java/util/concurrent/CopyOnWriteArrayList subList(II)Ljava/util/List;
java/util/concurrent/CopyOnWriteArrayList
access$200(Ljava/util/concurrent/CopyOnWriteArrayList;)[Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList
access$300(Ljava/util/concurrent/CopyOnWriteArrayList;)[Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArrayList access$400(Ljava/util/concurrent/CopyOnWriteArrayList;II)V
class java/util/concurrent/CopyOnWriteArraySet java/util/AbstractSet
java/util/concurrent/CopyOnWriteArraySet
serialVersionUID
java/util/concurrent/CopyOnWriteArraySet al
java/util/concurrent/CopyOnWriteArraySet <init>()V
java/util/concurrent/CopyOnWriteArraySet <init>(Ljava/util/Collection;)V
java/util/concurrent/CopyOnWriteArraySet size()I
java/util/concurrent/CopyOnWriteArraySet isEmpty()Z
java/util/concurrent/CopyOnWriteArraySet contains(Ljava/lang/Object;)Z
java/util/concurrent/CopyOnWriteArraySet toArray()[Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArraySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/CopyOnWriteArraySet clear()V

java/util/concurrent/CopyOnWriteArraySet iterator()Ljava/util/Iterator;
java/util/concurrent/CopyOnWriteArraySet remove(Ljava/lang/Object;)Z
java/util/concurrent/CopyOnWriteArraySet add(Ljava/lang/Object;)Z
java/util/concurrent/CopyOnWriteArraySet containsAll(Ljava/util/Collection;)Z
java/util/concurrent/CopyOnWriteArraySet addAll(Ljava/util/Collection;)Z
java/util/concurrent/CopyOnWriteArraySet removeAll(Ljava/util/Collection;)Z
java/util/concurrent/CopyOnWriteArraySet
 retainAll(Ljava/util/Collection;)Z
class java/util/concurrent/CountDownLatch$Sync java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/CountDownLatch$Sync <init>(I)V
java/util/concurrent/CountDownLatch$Sync getCount()I
java/util/concurrent/CountDownLatch$Sync tryAcquireShared(I)I
java/util/concurrent/CountDownLatch$Sync tryReleaseShared(I)Z
class java/util/concurrent/CountDownLatch java/lang/Object
java/util/concurrent/CountDownLatch sync
java/util/concurrent/CountDownLatch <init>(I)V
java/util/concurrent/CountDownLatch await()V
java/util/concurrent/CountDownLatch await(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/CountDownLatch countDown()V
java/util/concurrent/CountDownLatch getCount()J
java/util/concurrent/CountDownLatch toString()Ljava/lang/String;
class java/util/concurrent/CyclicBarrier$1 java/lang/Object
class java/util/concurrent/CyclicBarrier$Generation java/lang/Object
java/util/concurrent/CyclicBarrier$Generation
 broken
java/util/concurrent/CyclicBarrier$Generation <init>()V
java/util/concurrent/CyclicBarrier$Generation <init>(Ljava/util/concurrent/CyclicBarrier$1;)V
class java/util/concurrent/CyclicBarrier java/lang/Object
java/util/concurrent/CyclicBarrier lock
java/util/concurrent/CyclicBarrier trip
java/util/concurrent/CyclicBarrier parties
java/util/concurrent/CyclicBarrier barrierCommand
java/util/concurrent/CyclicBarrier generation
java/util/concurrent/CyclicBarrier count
java/util/concurrent/CyclicBarrier nextGeneration()V
java/util/concurrent/CyclicBarrier breakBarrier()V
java/util/concurrent/CyclicBarrier dowait(ZJ)I
java/util/concurrent/CyclicBarrier <init>(ILjava/lang/Runnable;)V
java/util/concurrent/CyclicBarrier <init>(I)V
java/util/concurrent/CyclicBarrier getParties()I
java/util/concurrent/CyclicBarrier await()I
java/util/concurrent/CyclicBarrier await(JLjava/util/concurrent/TimeUnit;)I
java/util/concurrent/CyclicBarrier isBroken()Z
java/util/concurrent/CyclicBarrier
 reset()V
java/util/concurrent/CyclicBarrier getNumberWaiting()I
class java/util/concurrent/DelayQueue$Itr java/lang/Object
java/util/concurrent/DelayQueue$Itr iter

java/util/concurrent/DelayQueue$Itr this$0
java/util/concurrent/DelayQueue$Itr <init>(Ljava/util/concurrent/DelayQueue;Ljava/util/Iterator;)V
java/util/concurrent/DelayQueue$Itr hasNext()Z
java/util/concurrent/DelayQueue$Itr next()Ljava/lang/Object;
java/util/concurrent/DelayQueue$Itr remove()V
class java/util/concurrent/DelayQueue java/util/AbstractQueue
java/util/concurrent/DelayQueue lock
java/util/concurrent/DelayQueue available
java/util/concurrent/DelayQueue q
java/util/concurrent/DelayQueue $assertionsDisabled
java/util/concurrent/DelayQueue <init>()V
java/util/concurrent/DelayQueue <init>(Ljava/util/Collection;)V
java/util/concurrent/DelayQueue offer(Ljava/util/concurrent/Delayed;)Z
java/util/concurrent/DelayQueue put(Ljava/util/concurrent/Delayed;)V
java/util/concurrent/DelayQueue offer(Ljava/util/concurrent/Delayed;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/DelayQueue
 add(Ljava/util/concurrent/Delayed;)Z
java/util/concurrent/DelayQueue take()Ljava/util/concurrent/Delayed;
java/util/concurrent/DelayQueue poll(JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/Delayed;
java/util/concurrent/DelayQueue poll()Ljava/util/concurrent/Delayed;
java/util/concurrent/DelayQueue peek()Ljava/util/concurrent/Delayed;
java/util/concurrent/DelayQueue size()I
java/util/concurrent/DelayQueue drainTo(Ljava/util/Collection;)I
java/util/concurrent/DelayQueue drainTo(Ljava/util/Collection;I)I
java/util/concurrent/DelayQueue clear()V
java/util/concurrent/DelayQueue remainingCapacity()I
java/util/concurrent/DelayQueue toArray()[Ljava/lang/Object;
java/util/concurrent/DelayQueue toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/DelayQueue remove(Ljava/lang/Object;)Z
java/util/concurrent/DelayQueue iterator()Ljava/util/Iterator;
java/util/concurrent/DelayQueue add(Ljava/lang/Object;)Z
java/util/concurrent/DelayQueue
 peek()Ljava/lang/Object;
java/util/concurrent/DelayQueue poll()Ljava/lang/Object;
java/util/concurrent/DelayQueue offer(Ljava/lang/Object;)Z
java/util/concurrent/DelayQueue put(Ljava/lang/Object;)V
java/util/concurrent/DelayQueue take()Ljava/lang/Object;
java/util/concurrent/DelayQueue poll(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/DelayQueue offer(Ljava/lang/Object;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/DelayQueue
access$000(Ljava/util/concurrent/DelayQueue;)Ljava/util/concurrent/locks/ReentrantLock;
java/util/concurrent/DelayQueue <clinit>()V
class java/util/concurrent/Delayed java/lang/Object
java/util/concurrent/Delayed getDelay(Ljava/util/concurrent/TimeUnit;)J
class java/util/concurrent/Exchanger$1 java/lang/Object
class java/util/concurrent/Exchanger$Node java/util/concurrent/atomic/AtomicReference
java/util/concurrent/Exchanger$Node item
java/util/concurrent/Exchanger$Node waiter

java/util/concurrent/Exchanger$Node
 <init>(Ljava/lang/Object;)V
class java/util/concurrent/Exchanger$Slot java/util/concurrent/atomic/AtomicReference
java/util/concurrent/Exchanger$Slot q0
java/util/concurrent/Exchanger$Slot q1
java/util/concurrent/Exchanger$Slot q2
java/util/concurrent/Exchanger$Slot q3
java/util/concurrent/Exchanger$Slot q4
java/util/concurrent/Exchanger$Slot q5
java/util/concurrent/Exchanger$Slot q6
java/util/concurrent/Exchanger$Slot q7
java/util/concurrent/Exchanger$Slot q8
java/util/concurrent/Exchanger$Slot q9
java/util/concurrent/Exchanger$Slot qa
java/util/concurrent/Exchanger$Slot qb
java/util/concurrent/Exchanger$Slot qc
java/util/concurrent/Exchanger$Slot qd
java/util/concurrent/Exchanger$Slot qe
java/util/concurrent/Exchanger$Slot <init>()V
java/util/concurrent/Exchanger$Slot <init>(Ljava/util/concurrent/Exchanger$1;)V
class java/util/concurrent/Exchanger java/lang/Object
java/util/concurrent/Exchanger NCPU
java/util/concurrent/Exchanger CAPACITY
java/util/concurrent/Exchanger
 FULL
java/util/concurrent/Exchanger SPINS
java/util/concurrent/Exchanger TIMED_SPINS
java/util/concurrent/Exchanger CANCEL
java/util/concurrent/Exchanger NULL_ITEM
java/util/concurrent/Exchanger arena
java/util/concurrent/Exchanger max
java/util/concurrent/Exchanger doExchange(Ljava/lang/Object;ZJ)Ljava/lang/Object;
java/util/concurrent/Exchanger hashIndex()I
java/util/concurrent/Exchanger createSlot(I)V
java/util/concurrent/Exchanger
tryCancel(Ljava/util/concurrent/Exchanger$Node;Ljava/util/concurrent/Exchanger$Slot;)Z
java/util/concurrent/Exchanger
spinWait(Ljava/util/concurrent/Exchanger$Node;Ljava/util/concurrent/Exchanger$Slot;)Ljava/lang/Object;
java/util/concurrent/Exchanger
await(Ljava/util/concurrent/Exchanger$Node;Ljava/util/concurrent/Exchanger$Slot;)Ljava/lang/Object;
java/util/concurrent/Exchanger
awaitNanos(Ljava/util/concurrent/Exchanger$Node;Ljava/util/concurrent/Exchanger$Slot;J)Ljava/lang/Object;
java/util/concurrent/Exchanger scanOnTimeout(Ljava/util/concurrent/Exchanger$Node;)Ljava/lang/Object;
java/util/concurrent/Exchanger
 <init>()V
java/util/concurrent/Exchanger exchange(Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/Exchanger exchange(Ljava/lang/Object;JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/Exchanger <clinit>()V

class java/util/concurrent/ExecutionException java/lang/Exception
java/util/concurrent/ExecutionException serialVersionUID
java/util/concurrent/ExecutionException <init>()V
java/util/concurrent/ExecutionException <init>(Ljava/lang/String;)V
java/util/concurrent/ExecutionException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/util/concurrent/ExecutionException <init>(Ljava/lang/Throwable;)V
class java/util/concurrent/Executor java/lang/Object
java/util/concurrent/Executor execute(Ljava/lang/Runnable;)V
class java/util/concurrent/ExecutorCompletionService$QueueingFuture java/util/concurrent/FutureTask
java/util/concurrent/ExecutorCompletionService$QueueingFuture
this$0
java/util/concurrent/ExecutorCompletionService$QueueingFuture
<init>(Ljava/util/concurrent/ExecutorCompletionService;Ljava/util/concurrent/Callable;)V
java/util/concurrent/ExecutorCompletionService$QueueingFuture
<init>(Ljava/util/concurrent/ExecutorCompletionService;Ljava/lang/Runnable;Ljava/lang/Object;)V
java/util/concurrent/ExecutorCompletionService$QueueingFuture done()V
class java/util/concurrent/ExecutorCompletionService java/lang/Object
java/util/concurrent/ExecutorCompletionService executor
java/util/concurrent/ExecutorCompletionService completionQueue
java/util/concurrent/ExecutorCompletionService <init>(Ljava/util/concurrent/Executor;)V
java/util/concurrent/ExecutorCompletionService
<init>(Ljava/util/concurrent/Executor;Ljava/util/concurrent/BlockingQueue;)V
java/util/concurrent/ExecutorCompletionService
submit(Ljava/util/concurrent/Callable;)Ljava/util/concurrent/Future;
java/util/concurrent/ExecutorCompletionService
submit(Ljava/lang/Runnable;Ljava/lang/Object;)Ljava/util/concurrent/Future;
java/util/concurrent/ExecutorCompletionService
take()Ljava/util/concurrent/Future;
java/util/concurrent/ExecutorCompletionService poll()Ljava/util/concurrent/Future;
java/util/concurrent/ExecutorCompletionService
poll(JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/Future;
java/util/concurrent/ExecutorCompletionService
access$000(Ljava/util/concurrent/ExecutorCompletionService;)Ljava/util/concurrent/BlockingQueue;
class java/util/concurrent/ExecutorService java/lang/Object
java/util/concurrent/ExecutorService shutdown()V
java/util/concurrent/ExecutorService shutdownNow()Ljava/util/List;
java/util/concurrent/ExecutorService isShutdown()Z
java/util/concurrent/ExecutorService isTerminated()Z
java/util/concurrent/ExecutorService awaitTermination(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/ExecutorService submit(Ljava/util/concurrent/Callable;)Ljava/util/concurrent/Future;
java/util/concurrent/ExecutorService submit(Ljava/lang/Runnable;Ljava/lang/Object;)Ljava/util/concurrent/Future;
java/util/concurrent/ExecutorService
submit(Ljava/lang/Runnable;)Ljava/util/concurrent/Future;
java/util/concurrent/ExecutorService invokeAll(Ljava/util/Collection;)Ljava/util/List;
java/util/concurrent/ExecutorService
invokeAll(Ljava/util/Collection;JLjava/util/concurrent/TimeUnit;)Ljava/util/List;
java/util/concurrent/ExecutorService invokeAny(Ljava/util/Collection;)Ljava/lang/Object;
java/util/concurrent/ExecutorService

invokeAny(Ljava/util/Collection;JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
class java/util/concurrent/Executors$DefaultThreadFactory java/lang/Object
java/util/concurrent/Executors$DefaultThreadFactory poolNumber
java/util/concurrent/Executors$DefaultThreadFactory group
java/util/concurrent/Executors$DefaultThreadFactory threadNumber
java/util/concurrent/Executors$DefaultThreadFactory namePrefix
java/util/concurrent/Executors$DefaultThreadFactory <init>()V
java/util/concurrent/Executors$DefaultThreadFactory newThread(Ljava/lang/Runnable;)Ljava/lang/Thread;
java/util/concurrent/Executors$DefaultThreadFactory
<clinit>()V
class java/util/concurrent/Executors$DelegatedExecutorService java/util/concurrent/AbstractExecutorService
java/util/concurrent/Executors$DelegatedExecutorService e
java/util/concurrent/Executors$DelegatedExecutorService <init>(Ljava/util/concurrent/ExecutorService;)V
java/util/concurrent/Executors$DelegatedExecutorService execute(Ljava/lang/Runnable;)V
java/util/concurrent/Executors$DelegatedExecutorService shutdown()V
java/util/concurrent/Executors$DelegatedExecutorService shutdownNow()Ljava/util/List;
java/util/concurrent/Executors$DelegatedExecutorService isShutdown()Z
java/util/concurrent/Executors$DelegatedExecutorService isTerminated()Z
java/util/concurrent/Executors$DelegatedExecutorService awaitTermination(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/Executors$DelegatedExecutorService
submit(Ljava/lang/Runnable;)Ljava/util/concurrent/Future;
java/util/concurrent/Executors$DelegatedExecutorService
submit(Ljava/util/concurrent/Callable;)Ljava/util/concurrent/Future;
java/util/concurrent/Executors$DelegatedExecutorService
submit(Ljava/lang/Runnable;Ljava/lang/Object;)Ljava/util/concurrent/Future;
java/util/concurrent/Executors$DelegatedExecutorService invokeAll(Ljava/util/Collection;)Ljava/util/List;
java/util/concurrent/Executors$DelegatedExecutorService
invokeAll(Ljava/util/Collection;JLjava/util/concurrent/TimeUnit;)Ljava/util/List;
java/util/concurrent/Executors$DelegatedExecutorService invokeAny(Ljava/util/Collection;)Ljava/lang/Object;
java/util/concurrent/Executors$DelegatedExecutorService
invokeAny(Ljava/util/Collection;JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
class java/util/concurrent/Executors$DelegatedScheduledExecutorService
java/util/concurrent/Executors$DelegatedExecutorService
java/util/concurrent/Executors$DelegatedScheduledExecutorService e
java/util/concurrent/Executors$DelegatedScheduledExecutorService
<init>(Ljava/util/concurrent/ScheduledExecutorService;)V
java/util/concurrent/Executors$DelegatedScheduledExecutorService
schedule(Ljava/lang/Runnable;JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFuture;
java/util/concurrent/Executors$DelegatedScheduledExecutorService
schedule(Ljava/util/concurrent/Callable;JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFuture;
java/util/concurrent/Executors$DelegatedScheduledExecutorService
scheduleAtFixedRate(Ljava/lang/Runnable;JJLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFutur
e;
java/util/concurrent/Executors$DelegatedScheduledExecutorService
scheduleWithFixedDelay(Ljava/lang/Runnable;JJLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledF
uture;
class java/util/concurrent/Executors$PrivilegedActionAdapter java/lang/Object
java/util/concurrent/Executors$PrivilegedActionAdapter action

java/util/concurrent/Executors$PrivilegedActionAdapter <init>(Ljava/security/PrivilegedAction;)V
java/util/concurrent/Executors$PrivilegedActionAdapter
call()Ljava/lang/Object;
class java/util/concurrent/Executors$PrivilegedCallable$1 java/lang/Object
java/util/concurrent/Executors$PrivilegedCallable$1 this$0
java/util/concurrent/Executors$PrivilegedCallable$1 <init>(Ljava/util/concurrent/Executors$PrivilegedCallable;)V
java/util/concurrent/Executors$PrivilegedCallable$1 run()Ljava/lang/Object;
class java/util/concurrent/Executors$PrivilegedCallable java/lang/Object
java/util/concurrent/Executors$PrivilegedCallable acc
java/util/concurrent/Executors$PrivilegedCallable task
java/util/concurrent/Executors$PrivilegedCallable result
java/util/concurrent/Executors$PrivilegedCallable exception
java/util/concurrent/Executors$PrivilegedCallable <init>(Ljava/util/concurrent/Callable;)V
java/util/concurrent/Executors$PrivilegedCallable call()Ljava/lang/Object;
java/util/concurrent/Executors$PrivilegedCallable
access$002(Ljava/util/concurrent/Executors$PrivilegedCallable;Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/Executors$PrivilegedCallable
access$100(Ljava/util/concurrent/Executors$PrivilegedCallable;)Ljava/util/concurrent/Callable;
java/util/concurrent/Executors$PrivilegedCallable
access$202(Ljava/util/concurrent/Executors$PrivilegedCallable;Ljava/lang/Exception;)Ljava/lang/Exception;
class java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader$1 java/lang/Object
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader$1 this$0
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader$1
<init>(Ljava/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader;)V
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader$1 run()Ljava/lang/Object;
class java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader java/lang/Object
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader ccl
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader acc
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader
task
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader result
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader exception
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader
<init>(Ljava/util/concurrent/Callable;)V
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader call()Ljava/lang/Object;
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader
access$300(Ljava/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader;)Ljava/lang/ClassLoader;
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader
access$402(Ljava/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader;Ljava/lang/Object;)Ljava/
lang/Object;
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader
access$500(Ljava/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader;)Ljava/util/concurrent/Cal
lable;
java/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader
access$602(Ljava/util/concurrent/Executors$PrivilegedCallableUsingCurrentClassLoader;Ljava/lang/Exception;)Lj
ava/lang/Exception;
class java/util/concurrent/Executors$PrivilegedExceptionActionAdapter java/lang/Object
java/util/concurrent/Executors$PrivilegedExceptionActionAdapter action

java/util/concurrent/Executors$PrivilegedExceptionActionAdapter
<init>(Ljava/security/PrivilegedExceptionAction;)V
java/util/concurrent/Executors$PrivilegedExceptionActionAdapter call()Ljava/lang/Object;
class java/util/concurrent/Executors$PrivilegedThreadFactory$1$1 java/lang/Object
java/util/concurrent/Executors$PrivilegedThreadFactory$1$1 this$1
java/util/concurrent/Executors$PrivilegedThreadFactory$1$1
<init>(Ljava/util/concurrent/Executors$PrivilegedThreadFactory$1;)V
java/util/concurrent/Executors$PrivilegedThreadFactory$1$1 run()Ljava/lang/Object;
class java/util/concurrent/Executors$PrivilegedThreadFactory$1 java/lang/Object
java/util/concurrent/Executors$PrivilegedThreadFactory$1
val$r
java/util/concurrent/Executors$PrivilegedThreadFactory$1 this$0
java/util/concurrent/Executors$PrivilegedThreadFactory$1
<init>(Ljava/util/concurrent/Executors$PrivilegedThreadFactory;Ljava/lang/Runnable;)V
java/util/concurrent/Executors$PrivilegedThreadFactory$1 run()V
class java/util/concurrent/Executors$PrivilegedThreadFactory java/util/concurrent/Executors$DefaultThreadFactory
java/util/concurrent/Executors$PrivilegedThreadFactory ccl
java/util/concurrent/Executors$PrivilegedThreadFactory acc
java/util/concurrent/Executors$PrivilegedThreadFactory <init>()V
java/util/concurrent/Executors$PrivilegedThreadFactory newThread(Ljava/lang/Runnable;)Ljava/lang/Thread;
java/util/concurrent/Executors$PrivilegedThreadFactory
access$700(Ljava/util/concurrent/Executors$PrivilegedThreadFactory;)Ljava/lang/ClassLoader;
java/util/concurrent/Executors$PrivilegedThreadFactory
access$800(Ljava/util/concurrent/Executors$PrivilegedThreadFactory;)Ljava/security/AccessControlContext;
class
java/util/concurrent/Executors$RunnableAdapter java/lang/Object
java/util/concurrent/Executors$RunnableAdapter task
java/util/concurrent/Executors$RunnableAdapter result
java/util/concurrent/Executors$RunnableAdapter <init>(Ljava/lang/Runnable;Ljava/lang/Object;)V
java/util/concurrent/Executors$RunnableAdapter call()Ljava/lang/Object;
class java/util/concurrent/Executors java/lang/Object
java/util/concurrent/Executors newFixedThreadPool(I)Ljava/util/concurrent/ExecutorService;
java/util/concurrent/Executors
newFixedThreadPool(ILjava/util/concurrent/ThreadFactory;)Ljava/util/concurrent/ExecutorService;
java/util/concurrent/Executors newSingleThreadExecutor()Ljava/util/concurrent/ExecutorService;
java/util/concurrent/Executors
newSingleThreadExecutor(Ljava/util/concurrent/ThreadFactory;)Ljava/util/concurrent/ExecutorService;
java/util/concurrent/Executors newCachedThreadPool()Ljava/util/concurrent/ExecutorService;
java/util/concurrent/Executors
newCachedThreadPool(Ljava/util/concurrent/ThreadFactory;)Ljava/util/concurrent/ExecutorService;
java/util/concurrent/Executors
newSingleThreadScheduledExecutor()Ljava/util/concurrent/ScheduledExecutorService;
java/util/concurrent/Executors
newSingleThreadScheduledExecutor(Ljava/util/concurrent/ThreadFactory;)Ljava/util/concurrent/ScheduledExecutorService;
java/util/concurrent/Executors newScheduledThreadPool(I)Ljava/util/concurrent/ScheduledExecutorService;
java/util/concurrent/Executors
newScheduledThreadPool(ILjava/util/concurrent/ThreadFactory;)Ljava/util/concurrent/ScheduledExecutorService;

java/util/concurrent/Executors
unconfigurableExecutorService(Ljava/util/concurrent/ExecutorService;)Ljava/util/concurrent/ExecutorService;
java/util/concurrent/Executors
unconfigurableScheduledExecutorService(Ljava/util/concurrent/ScheduledExecutorService;)Ljava/util/concurrent/S
cheduledExecutorService;
java/util/concurrent/Executors defaultThreadFactory()Ljava/util/concurrent/ThreadFactory;
java/util/concurrent/Executors
privilegedThreadFactory()Ljava/util/concurrent/ThreadFactory;
java/util/concurrent/Executors callable(Ljava/lang/Runnable;Ljava/lang/Object;)Ljava/util/concurrent/Callable;
java/util/concurrent/Executors callable(Ljava/lang/Runnable;)Ljava/util/concurrent/Callable;
java/util/concurrent/Executors callable(Ljava/security/PrivilegedAction;)Ljava/util/concurrent/Callable;
java/util/concurrent/Executors callable(Ljava/security/PrivilegedExceptionAction;)Ljava/util/concurrent/Callable;
java/util/concurrent/Executors privilegedCallable(Ljava/util/concurrent/Callable;)Ljava/util/concurrent/Callable;
java/util/concurrent/Executors
privilegedCallableUsingCurrentClassLoader(Ljava/util/concurrent/Callable;)Ljava/util/concurrent/Callable;
java/util/concurrent/Executors <init>()V
class java/util/concurrent/Future java/lang/Object
java/util/concurrent/Future cancel(Z)Z
java/util/concurrent/Future isCancelled()Z
java/util/concurrent/Future isDone()Z
java/util/concurrent/Future
get()Ljava/lang/Object;
java/util/concurrent/Future get(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
class java/util/concurrent/FutureTask$Sync java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/FutureTask$Sync RUNNING
java/util/concurrent/FutureTask$Sync RAN
java/util/concurrent/FutureTask$Sync CANCELLED
java/util/concurrent/FutureTask$Sync callable
java/util/concurrent/FutureTask$Sync result
java/util/concurrent/FutureTask$Sync exception
java/util/concurrent/FutureTask$Sync runner
java/util/concurrent/FutureTask$Sync this$0
java/util/concurrent/FutureTask$Sync <init>(Ljava/util/concurrent/FutureTask;Ljava/util/concurrent/Callable;)V
java/util/concurrent/FutureTask$Sync ranOrCancelled(I)Z
java/util/concurrent/FutureTask$Sync tryAcquireShared(I)I
java/util/concurrent/FutureTask$Sync tryReleaseShared(I)Z
java/util/concurrent/FutureTask$Sync innerIsCancelled()Z
java/util/concurrent/FutureTask$Sync innerIsDone()Z
java/util/concurrent/FutureTask$Sync
innerGet()Ljava/lang/Object;
java/util/concurrent/FutureTask$Sync innerGet(J)Ljava/lang/Object;
java/util/concurrent/FutureTask$Sync innerSet(Ljava/lang/Object;)V
java/util/concurrent/FutureTask$Sync innerSetException(Ljava/lang/Throwable;)V
java/util/concurrent/FutureTask$Sync innerCancel(Z)Z
java/util/concurrent/FutureTask$Sync innerRun()V
java/util/concurrent/FutureTask$Sync innerRunAndReset()Z
class java/util/concurrent/FutureTask java/lang/Object
java/util/concurrent/FutureTask sync

java/util/concurrent/FutureTask <init>(Ljava/util/concurrent/Callable;)V
java/util/concurrent/FutureTask <init>(Ljava/lang/Runnable;Ljava/lang/Object;)V
java/util/concurrent/FutureTask isCancelled()Z
java/util/concurrent/FutureTask isDone()Z
java/util/concurrent/FutureTask cancel(Z)Z
java/util/concurrent/FutureTask get()Ljava/lang/Object;
java/util/concurrent/FutureTask get(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/FutureTask done()V
java/util/concurrent/FutureTask
set(Ljava/lang/Object;)V
java/util/concurrent/FutureTask setException(Ljava/lang/Throwable;)V
java/util/concurrent/FutureTask run()V
java/util/concurrent/FutureTask runAndReset()Z
class java/util/concurrent/LinkedBlockingQueue$Itr java/lang/Object
java/util/concurrent/LinkedBlockingQueue$Itr current
java/util/concurrent/LinkedBlockingQueue$Itr lastRet
java/util/concurrent/LinkedBlockingQueue$Itr currentElement
java/util/concurrent/LinkedBlockingQueue$Itr this$0
java/util/concurrent/LinkedBlockingQueue$Itr <init>(Ljava/util/concurrent/LinkedBlockingQueue;)V
java/util/concurrent/LinkedBlockingQueue$Itr hasNext()Z
java/util/concurrent/LinkedBlockingQueue$Itr next()Ljava/lang/Object;
java/util/concurrent/LinkedBlockingQueue$Itr remove()V
class java/util/concurrent/LinkedBlockingQueue$Node java/lang/Object
java/util/concurrent/LinkedBlockingQueue$Node item
java/util/concurrent/LinkedBlockingQueue$Node next
java/util/concurrent/LinkedBlockingQueue$Node <init>(Ljava/lang/Object;)V
class
java/util/concurrent/LinkedBlockingQueue java/util/AbstractQueue
java/util/concurrent/LinkedBlockingQueue serialVersionUID
java/util/concurrent/LinkedBlockingQueue capacity
java/util/concurrent/LinkedBlockingQueue count
java/util/concurrent/LinkedBlockingQueue head
java/util/concurrent/LinkedBlockingQueue last
java/util/concurrent/LinkedBlockingQueue takeLock
java/util/concurrent/LinkedBlockingQueue notEmpty
java/util/concurrent/LinkedBlockingQueue putLock
java/util/concurrent/LinkedBlockingQueue notFull
java/util/concurrent/LinkedBlockingQueue $assertionsDisabled
java/util/concurrent/LinkedBlockingQueue signalNotEmpty()V
java/util/concurrent/LinkedBlockingQueue signalNotFull()V
java/util/concurrent/LinkedBlockingQueue insert(Ljava/lang/Object;)V
java/util/concurrent/LinkedBlockingQueue extract()Ljava/lang/Object;
java/util/concurrent/LinkedBlockingQueue fullyLock()V
java/util/concurrent/LinkedBlockingQueue fullyUnlock()V
java/util/concurrent/LinkedBlockingQueue <init>()V
java/util/concurrent/LinkedBlockingQueue
<init>(I)V
java/util/concurrent/LinkedBlockingQueue <init>(Ljava/util/Collection;)V

java/util/concurrent/LinkedBlockingQueue size()I
java/util/concurrent/LinkedBlockingQueue remainingCapacity()I
java/util/concurrent/LinkedBlockingQueue put(Ljava/lang/Object;)V
java/util/concurrent/LinkedBlockingQueue offer(Ljava/lang/Object;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/LinkedBlockingQueue offer(Ljava/lang/Object;)Z
java/util/concurrent/LinkedBlockingQueue take()Ljava/lang/Object;
java/util/concurrent/LinkedBlockingQueue poll(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/LinkedBlockingQueue poll()Ljava/lang/Object;
java/util/concurrent/LinkedBlockingQueue peek()Ljava/lang/Object;
java/util/concurrent/LinkedBlockingQueue remove(Ljava/lang/Object;)Z
java/util/concurrent/LinkedBlockingQueue toArray()[Ljava/lang/Object;
java/util/concurrent/LinkedBlockingQueue toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/LinkedBlockingQueue
toString()Ljava/lang/String;
java/util/concurrent/LinkedBlockingQueue clear()V
java/util/concurrent/LinkedBlockingQueue drainTo(Ljava/util/Collection;)I
java/util/concurrent/LinkedBlockingQueue drainTo(Ljava/util/Collection;I)I
java/util/concurrent/LinkedBlockingQueue iterator()Ljava/util/Iterator;
java/util/concurrent/LinkedBlockingQueue writeObject(Ljava/io/ObjectOutputStream;)V
java/util/concurrent/LinkedBlockingQueue readObject(Ljava/io/ObjectInputStream;)V
java/util/concurrent/LinkedBlockingQueue
access$000(Ljava/util/concurrent/LinkedBlockingQueue;)Ljava/util/concurrent/locks/ReentrantLock;
java/util/concurrent/LinkedBlockingQueue
access$100(Ljava/util/concurrent/LinkedBlockingQueue;)Ljava/util/concurrent/locks/ReentrantLock;
java/util/concurrent/LinkedBlockingQueue
access$200(Ljava/util/concurrent/LinkedBlockingQueue;)Ljava/util/concurrent/LinkedBlockingQueue$Node;
java/util/concurrent/LinkedBlockingQueue
access$300(Ljava/util/concurrent/LinkedBlockingQueue;)Ljava/util/concurrent/LinkedBlockingQueue$Node;
java/util/concurrent/LinkedBlockingQueue
access$302(Ljava/util/concurrent/LinkedBlockingQueue;Ljava/util/concurrent/LinkedBlockingQueue$Node;)Ljava/util/concurrent/LinkedBlockingQueue$Node;
java/util/concurrent/LinkedBlockingQueue
access$400(Ljava/util/concurrent/LinkedBlockingQueue;)Ljava/util/concurrent/atomic/AtomicInteger;
java/util/concurrent/LinkedBlockingQueue access$500(Ljava/util/concurrent/LinkedBlockingQueue;)I
java/util/concurrent/LinkedBlockingQueue
access$600(Ljava/util/concurrent/LinkedBlockingQueue;)Ljava/util/concurrent/locks/Condition;
java/util/concurrent/LinkedBlockingQueue <clinit>()V
class java/util/concurrent/PriorityBlockingQueue$Itr java/lang/Object
java/util/concurrent/PriorityBlockingQueue$Itr iter
java/util/concurrent/PriorityBlockingQueue$Itr this$0
java/util/concurrent/PriorityBlockingQueue$Itr
<init>(Ljava/util/concurrent/PriorityBlockingQueue;Ljava/util/Iterator;)V
java/util/concurrent/PriorityBlockingQueue$Itr
hasNext()Z
java/util/concurrent/PriorityBlockingQueue$Itr next()Ljava/lang/Object;
java/util/concurrent/PriorityBlockingQueue$Itr remove()V
class java/util/concurrent/PriorityBlockingQueue java/util/AbstractQueue
java/util/concurrent/PriorityBlockingQueue serialVersionUID

java/util/concurrent/PriorityBlockingQueue q
java/util/concurrent/PriorityBlockingQueue lock
java/util/concurrent/PriorityBlockingQueue notEmpty
java/util/concurrent/PriorityBlockingQueue $assertionsDisabled
java/util/concurrent/PriorityBlockingQueue <init>()V
java/util/concurrent/PriorityBlockingQueue <init>(I)V
java/util/concurrent/PriorityBlockingQueue <init>(ILjava/util/Comparator;)V
java/util/concurrent/PriorityBlockingQueue <init>(Ljava/util/Collection;)V
java/util/concurrent/PriorityBlockingQueue add(Ljava/lang/Object;)Z
java/util/concurrent/PriorityBlockingQueue comparator()Ljava/util/Comparator;
java/util/concurrent/PriorityBlockingQueue offer(Ljava/lang/Object;)Z
java/util/concurrent/PriorityBlockingQueue
put(Ljava/lang/Object;)V
java/util/concurrent/PriorityBlockingQueue offer(Ljava/lang/Object;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/PriorityBlockingQueue take()Ljava/lang/Object;
java/util/concurrent/PriorityBlockingQueue poll()Ljava/lang/Object;
java/util/concurrent/PriorityBlockingQueue poll(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/PriorityBlockingQueue peek()Ljava/lang/Object;
java/util/concurrent/PriorityBlockingQueue size()I
java/util/concurrent/PriorityBlockingQueue remainingCapacity()I
java/util/concurrent/PriorityBlockingQueue remove(Ljava/lang/Object;)Z
java/util/concurrent/PriorityBlockingQueue contains(Ljava/lang/Object;)Z
java/util/concurrent/PriorityBlockingQueue toArray()[Ljava/lang/Object;
java/util/concurrent/PriorityBlockingQueue toString()Ljava/lang/String;
java/util/concurrent/PriorityBlockingQueue drainTo(Ljava/util/Collection;)I
java/util/concurrent/PriorityBlockingQueue drainTo(Ljava/util/Collection;I)I
java/util/concurrent/PriorityBlockingQueue
clear()V
java/util/concurrent/PriorityBlockingQueue toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/PriorityBlockingQueue iterator()Ljava/util/Iterator;
java/util/concurrent/PriorityBlockingQueue writeObject(Ljava/io/ObjectOutputStream;)V
java/util/concurrent/PriorityBlockingQueue
access$000(Ljava/util/concurrent/PriorityBlockingQueue;)Ljava/util/concurrent/locks/ReentrantLock;
java/util/concurrent/PriorityBlockingQueue <clinit>()V
class java/util/concurrent/RejectedExecutionException java/lang/RuntimeException
java/util/concurrent/RejectedExecutionException serialVersionUID
java/util/concurrent/RejectedExecutionException <init>()V
java/util/concurrent/RejectedExecutionException <init>(Ljava/lang/String;)V
java/util/concurrent/RejectedExecutionException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/util/concurrent/RejectedExecutionException <init>(Ljava/lang/Throwable;)V
class java/util/concurrent/RejectedExecutionHandler
java/lang/Object
java/util/concurrent/RejectedExecutionHandler
rejectedExecution(Ljava/lang/Runnable;Ljava/util/concurrent/ThreadPoolExecutor;)V
class java/util/concurrent/ScheduledExecutorService java/lang/Object
java/util/concurrent/ScheduledExecutorService
schedule(Ljava/lang/Runnable;JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFuture;
java/util/concurrent/ScheduledExecutorService

schedule(Ljava/util/concurrent/Callable;JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFuture;
java/util/concurrent/ScheduledExecutorService
scheduleAtFixedRate(Ljava/lang/Runnable;JJLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFutur
e;
java/util/concurrent/ScheduledExecutorService
scheduleWithFixedDelay(Ljava/lang/Runnable;JJLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledF
uture;
class java/util/concurrent/ScheduledFuture java/lang/Object
class java/util/concurrent/ScheduledThreadPoolExecutor$1 java/lang/Object
class java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue$1
 java/lang/Object
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue$1 it
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue$1 this$0
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue$1
<init>(Ljava/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue;)V
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue$1 hasNext()Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue$1 next()Ljava/lang/Runnable;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue$1 remove()V
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue$1 next()Ljava/lang/Object;
class java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue java/util/AbstractCollection
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue dq
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue <init>()V
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
 poll()Ljava/lang/Runnable;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue peek()Ljava/lang/Runnable;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue take()Ljava/lang/Runnable;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
poll(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Runnable;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue add(Ljava/lang/Runnable;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue offer(Ljava/lang/Runnable;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue put(Ljava/lang/Runnable;)V
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
offer(Ljava/lang/Runnable;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue remove()Ljava/lang/Runnable;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue element()Ljava/lang/Runnable;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
 clear()V
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue drainTo(Ljava/util/Collection;)I
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue drainTo(Ljava/util/Collection;I)I
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue remainingCapacity()I
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue remove(Ljava/lang/Object;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue contains(Ljava/lang/Object;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue size()I
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue isEmpty()Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue toArray()[Ljava/lang/Object;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue iterator()Ljava/util/Iterator;

java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
add(Ljava/lang/Object;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue put(Ljava/lang/Object;)V
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue take()Ljava/lang/Object;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
poll(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
offer(Ljava/lang/Object;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue offer(Ljava/lang/Object;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue element()Ljava/lang/Object;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue peek()Ljava/lang/Object;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue remove()Ljava/lang/Object;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue poll()Ljava/lang/Object;
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
<init>(Ljava/util/concurrent/ScheduledThreadPoolExecutor$1;)V
java/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue
access$500(Ljava/util/concurrent/ScheduledThreadPoolExecutor$DelayedWorkQueue;)Ljava/util/concurrent/Delay
Queue;
class java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask java/util/concurrent/FutureTask
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask sequenceNumber
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask time
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask period
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask this$0
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask
<init>(Ljava/util/concurrent/ScheduledThreadPoolExecutor;Ljava/lang/Runnable;Ljava/lang/Object;J)V
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask
<init>(Ljava/util/concurrent/ScheduledThreadPoolExecutor;Ljava/lang/Runnable;Ljava/lang/Object;JJ)V
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask
<init>(Ljava/util/concurrent/ScheduledThreadPoolExecutor;Ljava/util/concurrent/Callable;J)V
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask
getDelay(Ljava/util/concurrent/TimeUnit;)J
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask
compareTo(Ljava/util/concurrent/Delayed;)I
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask isPeriodic()Z
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask runPeriodic()V
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask run()V
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask compareTo(Ljava/lang/Object;)I
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask
access$101(Ljava/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask;)Z
java/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask
access$301(Ljava/util/concurrent/ScheduledThreadPoolExecutor$ScheduledFutureTask;)V
class
java/util/concurrent/ScheduledThreadPoolExecutor java/util/concurrent/ThreadPoolExecutor
java/util/concurrent/ScheduledThreadPoolExecutor continueExistingPeriodicTasksAfterShutdown
java/util/concurrent/ScheduledThreadPoolExecutor executeExistingDelayedTasksAfterShutdown
java/util/concurrent/ScheduledThreadPoolExecutor sequencer
java/util/concurrent/ScheduledThreadPoolExecutor NANO_ORIGIN
java/util/concurrent/ScheduledThreadPoolExecutor now()J

java/util/concurrent/ScheduledThreadPoolExecutor delayedExecute(Ljava/lang/Runnable;)V
java/util/concurrent/ScheduledThreadPoolExecutor cancelUnwantedTasks()V
java/util/concurrent/ScheduledThreadPoolExecutor remove(Ljava/lang/Runnable;)Z
java/util/concurrent/ScheduledThreadPoolExecutor <init>(I)V
java/util/concurrent/ScheduledThreadPoolExecutor <init>(ILjava/util/concurrent/ThreadFactory;)V
java/util/concurrent/ScheduledThreadPoolExecutor <init>(ILjava/util/concurrent/RejectedExecutionHandler;)V
java/util/concurrent/ScheduledThreadPoolExecutor
<init>(ILjava/util/concurrent/ThreadFactory;Ljava/util/concurrent/RejectedExecutionHandler;)V
java/util/concurrent/ScheduledThreadPoolExecutor
schedule(Ljava/lang/Runnable;JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFuture;
java/util/concurrent/ScheduledThreadPoolExecutor
schedule(Ljava/util/concurrent/Callable;JLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFuture;
java/util/concurrent/ScheduledThreadPoolExecutor
scheduleAtFixedRate(Ljava/lang/Runnable;JJLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledFutur
e;
java/util/concurrent/ScheduledThreadPoolExecutor
scheduleWithFixedDelay(Ljava/lang/Runnable;JJLjava/util/concurrent/TimeUnit;)Ljava/util/concurrent/ScheduledF
uture;
java/util/concurrent/ScheduledThreadPoolExecutor execute(Ljava/lang/Runnable;)V
java/util/concurrent/ScheduledThreadPoolExecutor submit(Ljava/lang/Runnable;)Ljava/util/concurrent/Future;
java/util/concurrent/ScheduledThreadPoolExecutor
submit(Ljava/lang/Runnable;Ljava/lang/Object;)Ljava/util/concurrent/Future;
java/util/concurrent/ScheduledThreadPoolExecutor
submit(Ljava/util/concurrent/Callable;)Ljava/util/concurrent/Future;
java/util/concurrent/ScheduledThreadPoolExecutor setContinueExistingPeriodicTasksAfterShutdownPolicy(Z)V
java/util/concurrent/ScheduledThreadPoolExecutor getContinueExistingPeriodicTasksAfterShutdownPolicy()Z
java/util/concurrent/ScheduledThreadPoolExecutor setExecuteExistingDelayedTasksAfterShutdownPolicy(Z)V
java/util/concurrent/ScheduledThreadPoolExecutor getExecuteExistingDelayedTasksAfterShutdownPolicy()Z
java/util/concurrent/ScheduledThreadPoolExecutor shutdown()V
java/util/concurrent/ScheduledThreadPoolExecutor shutdownNow()Ljava/util/List;
java/util/concurrent/ScheduledThreadPoolExecutor getQueue()Ljava/util/concurrent/BlockingQueue;
java/util/concurrent/ScheduledThreadPoolExecutor access$000()Ljava/util/concurrent/atomic/AtomicLong;
java/util/concurrent/ScheduledThreadPoolExecutor
access$201(Ljava/util/concurrent/ScheduledThreadPoolExecutor;)Ljava/util/concurrent/BlockingQueue;
java/util/concurrent/ScheduledThreadPoolExecutor <clinit>()V
class java/util/concurrent/Semaphore$FairSync java/util/concurrent/Semaphore$Sync
java/util/concurrent/Semaphore$FairSync <init>(I)V
java/util/concurrent/Semaphore$FairSync tryAcquireShared(I)I
class java/util/concurrent/Semaphore$NonfairSync java/util/concurrent/Semaphore$Sync
java/util/concurrent/Semaphore$NonfairSync <init>(I)V
java/util/concurrent/Semaphore$NonfairSync tryAcquireShared(I)I
class java/util/concurrent/Semaphore$Sync java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/Semaphore$Sync <init>(I)V
java/util/concurrent/Semaphore$Sync getPermits()I
java/util/concurrent/Semaphore$Sync nonfairTryAcquireShared(I)I
java/util/concurrent/Semaphore$Sync tryReleaseShared(I)Z
java/util/concurrent/Semaphore$Sync reducePermits(I)V
java/util/concurrent/Semaphore$Sync drainPermits()I

class java/util/concurrent/Semaphore
java/lang/Object
java/util/concurrent/Semaphore serialVersionUID
java/util/concurrent/Semaphore sync
java/util/concurrent/Semaphore <init>(I)V
java/util/concurrent/Semaphore <init>(IZ)V
java/util/concurrent/Semaphore acquire()V
java/util/concurrent/Semaphore acquireUninterruptibly()V
java/util/concurrent/Semaphore tryAcquire()Z
java/util/concurrent/Semaphore tryAcquire(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/Semaphore release()V
java/util/concurrent/Semaphore acquire(I)V
java/util/concurrent/Semaphore acquireUninterruptibly(I)V
java/util/concurrent/Semaphore tryAcquire(I)Z
java/util/concurrent/Semaphore tryAcquire(IJLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/Semaphore release(I)V
java/util/concurrent/Semaphore availablePermits()I
java/util/concurrent/Semaphore drainPermits()I
java/util/concurrent/Semaphore reducePermits(I)V
java/util/concurrent/Semaphore isFair()Z
java/util/concurrent/Semaphore hasQueuedThreads()Z
java/util/concurrent/Semaphore
getQueueLength()I
java/util/concurrent/Semaphore getQueuedThreads()Ljava/util/Collection;
java/util/concurrent/Semaphore toString()Ljava/lang/String;
class java/util/concurrent/SynchronousQueue$EmptyIterator java/lang/Object
java/util/concurrent/SynchronousQueue$EmptyIterator <init>()V
java/util/concurrent/SynchronousQueue$EmptyIterator hasNext()Z
java/util/concurrent/SynchronousQueue$EmptyIterator next()Ljava/lang/Object;
java/util/concurrent/SynchronousQueue$EmptyIterator remove()V
class java/util/concurrent/SynchronousQueue$FifoWaitQueue java/util/concurrent/SynchronousQueue$WaitQueue
java/util/concurrent/SynchronousQueue$FifoWaitQueue serialVersionUID
java/util/concurrent/SynchronousQueue$FifoWaitQueue head
java/util/concurrent/SynchronousQueue$FifoWaitQueue last
java/util/concurrent/SynchronousQueue$FifoWaitQueue <init>()V
java/util/concurrent/SynchronousQueue$FifoWaitQueue
enq(Ljava/lang/Object;)Ljava/util/concurrent/SynchronousQueue$Node;
java/util/concurrent/SynchronousQueue$FifoWaitQueue
deq()Ljava/util/concurrent/SynchronousQueue$Node;
class java/util/concurrent/SynchronousQueue$LifoWaitQueue java/util/concurrent/SynchronousQueue$WaitQueue
java/util/concurrent/SynchronousQueue$LifoWaitQueue serialVersionUID
java/util/concurrent/SynchronousQueue$LifoWaitQueue head
java/util/concurrent/SynchronousQueue$LifoWaitQueue <init>()V
java/util/concurrent/SynchronousQueue$LifoWaitQueue
enq(Ljava/lang/Object;)Ljava/util/concurrent/SynchronousQueue$Node;
java/util/concurrent/SynchronousQueue$LifoWaitQueue deq()Ljava/util/concurrent/SynchronousQueue$Node;
class java/util/concurrent/SynchronousQueue$Node java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/SynchronousQueue$Node ACK

java/util/concurrent/SynchronousQueue$Node CANCEL
java/util/concurrent/SynchronousQueue$Node item
java/util/concurrent/SynchronousQueue$Node next
java/util/concurrent/SynchronousQueue$Node <init>(Ljava/lang/Object;)V
java/util/concurrent/SynchronousQueue$Node
<init>(Ljava/lang/Object;Ljava/util/concurrent/SynchronousQueue$Node;)V
java/util/concurrent/SynchronousQueue$Node
tryAcquire(I)Z
java/util/concurrent/SynchronousQueue$Node tryRelease(I)Z
java/util/concurrent/SynchronousQueue$Node extract()Ljava/lang/Object;
java/util/concurrent/SynchronousQueue$Node checkCancellationOnInterrupt(Ljava/lang/InterruptedException;)V
java/util/concurrent/SynchronousQueue$Node setItem(Ljava/lang/Object;)Z
java/util/concurrent/SynchronousQueue$Node getItem()Ljava/lang/Object;
java/util/concurrent/SynchronousQueue$Node waitForTake()V
java/util/concurrent/SynchronousQueue$Node waitForPut()Ljava/lang/Object;
java/util/concurrent/SynchronousQueue$Node waitForTake(J)Z
java/util/concurrent/SynchronousQueue$Node waitForPut(J)Ljava/lang/Object;
class java/util/concurrent/SynchronousQueue$WaitQueue java/lang/Object
java/util/concurrent/SynchronousQueue$WaitQueue <init>()V
java/util/concurrent/SynchronousQueue$WaitQueue
enq(Ljava/lang/Object;)Ljava/util/concurrent/SynchronousQueue$Node;
java/util/concurrent/SynchronousQueue$WaitQueue
deq()Ljava/util/concurrent/SynchronousQueue$Node;
class java/util/concurrent/SynchronousQueue java/util/AbstractQueue
java/util/concurrent/SynchronousQueue serialVersionUID
java/util/concurrent/SynchronousQueue qlock
java/util/concurrent/SynchronousQueue waitingProducers
java/util/concurrent/SynchronousQueue waitingConsumers
java/util/concurrent/SynchronousQueue <init>()V
java/util/concurrent/SynchronousQueue <init>(Z)V
java/util/concurrent/SynchronousQueue put(Ljava/lang/Object;)V
java/util/concurrent/SynchronousQueue offer(Ljava/lang/Object;JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/SynchronousQueue take()Ljava/lang/Object;
java/util/concurrent/SynchronousQueue poll(JLjava/util/concurrent/TimeUnit;)Ljava/lang/Object;
java/util/concurrent/SynchronousQueue offer(Ljava/lang/Object;)Z
java/util/concurrent/SynchronousQueue poll()Ljava/lang/Object;
java/util/concurrent/SynchronousQueue isEmpty()Z
java/util/concurrent/SynchronousQueue
size()I
java/util/concurrent/SynchronousQueue remainingCapacity()I
java/util/concurrent/SynchronousQueue clear()V
java/util/concurrent/SynchronousQueue contains(Ljava/lang/Object;)Z
java/util/concurrent/SynchronousQueue remove(Ljava/lang/Object;)Z
java/util/concurrent/SynchronousQueue containsAll(Ljava/util/Collection;)Z
java/util/concurrent/SynchronousQueue removeAll(Ljava/util/Collection;)Z
java/util/concurrent/SynchronousQueue retainAll(Ljava/util/Collection;)Z
java/util/concurrent/SynchronousQueue peek()Ljava/lang/Object;
java/util/concurrent/SynchronousQueue iterator()Ljava/util/Iterator;

java/util/concurrent/SynchronousQueue toArray()[Ljava/lang/Object;
java/util/concurrent/SynchronousQueue toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/concurrent/SynchronousQueue drainTo(Ljava/util/Collection;)I
java/util/concurrent/SynchronousQueue drainTo(Ljava/util/Collection;I)I
class java/util/concurrent/ThreadFactory java/lang/Object
java/util/concurrent/ThreadFactory
newThread(Ljava/lang/Runnable;)Ljava/lang/Thread;
class java/util/concurrent/ThreadPoolExecutor$AbortPolicy java/lang/Object
java/util/concurrent/ThreadPoolExecutor$AbortPolicy <init>()V
java/util/concurrent/ThreadPoolExecutor$AbortPolicy
rejectedExecution(Ljava/lang/Runnable;Ljava/util/concurrent/ThreadPoolExecutor;)V
class java/util/concurrent/ThreadPoolExecutor$CallerRunsPolicy java/lang/Object
java/util/concurrent/ThreadPoolExecutor$CallerRunsPolicy <init>()V
java/util/concurrent/ThreadPoolExecutor$CallerRunsPolicy
rejectedExecution(Ljava/lang/Runnable;Ljava/util/concurrent/ThreadPoolExecutor;)V
class java/util/concurrent/ThreadPoolExecutor$DiscardOldestPolicy java/lang/Object
java/util/concurrent/ThreadPoolExecutor$DiscardOldestPolicy <init>()V
java/util/concurrent/ThreadPoolExecutor$DiscardOldestPolicy
rejectedExecution(Ljava/lang/Runnable;Ljava/util/concurrent/ThreadPoolExecutor;)V
class java/util/concurrent/ThreadPoolExecutor$DiscardPolicy java/lang/Object
java/util/concurrent/ThreadPoolExecutor$DiscardPolicy
<init>()V
java/util/concurrent/ThreadPoolExecutor$DiscardPolicy
rejectedExecution(Ljava/lang/Runnable;Ljava/util/concurrent/ThreadPoolExecutor;)V
class java/util/concurrent/ThreadPoolExecutor$Worker java/lang/Object
java/util/concurrent/ThreadPoolExecutor$Worker runLock
java/util/concurrent/ThreadPoolExecutor$Worker firstTask
java/util/concurrent/ThreadPoolExecutor$Worker completedTasks
java/util/concurrent/ThreadPoolExecutor$Worker thread
java/util/concurrent/ThreadPoolExecutor$Worker this$0
java/util/concurrent/ThreadPoolExecutor$Worker
<init>(Ljava/util/concurrent/ThreadPoolExecutor;Ljava/lang/Runnable;)V
java/util/concurrent/ThreadPoolExecutor$Worker isActive()Z
java/util/concurrent/ThreadPoolExecutor$Worker interruptIfIdle()V
java/util/concurrent/ThreadPoolExecutor$Worker interruptNow()V
java/util/concurrent/ThreadPoolExecutor$Worker runTask(Ljava/lang/Runnable;)V
java/util/concurrent/ThreadPoolExecutor$Worker run()V
class java/util/concurrent/ThreadPoolExecutor
java/util/concurrent/AbstractExecutorService
java/util/concurrent/ThreadPoolExecutor EMPTY_RUNNABLE_ARRAY
java/util/concurrent/ThreadPoolExecutor shutdownPerm
java/util/concurrent/ThreadPoolExecutor workQueue
java/util/concurrent/ThreadPoolExecutor mainLock
java/util/concurrent/ThreadPoolExecutor termination
java/util/concurrent/ThreadPoolExecutor workers
java/util/concurrent/ThreadPoolExecutor keepAliveTime
java/util/concurrent/ThreadPoolExecutor corePoolSize
java/util/concurrent/ThreadPoolExecutor maximumPoolSize

java/util/concurrent/ThreadPoolExecutor poolSize
java/util/concurrent/ThreadPoolExecutor runState
java/util/concurrent/ThreadPoolExecutor RUNNING
java/util/concurrent/ThreadPoolExecutor SHUTDOWN
java/util/concurrent/ThreadPoolExecutor STOP
java/util/concurrent/ThreadPoolExecutor TERMINATED
java/util/concurrent/ThreadPoolExecutor handler
java/util/concurrent/ThreadPoolExecutor threadFactory
java/util/concurrent/ThreadPoolExecutor largestPoolSize
java/util/concurrent/ThreadPoolExecutor
completedTaskCount
java/util/concurrent/ThreadPoolExecutor defaultHandler
java/util/concurrent/ThreadPoolExecutor $assertionsDisabled
java/util/concurrent/ThreadPoolExecutor reject(Ljava/lang/Runnable;)V
java/util/concurrent/ThreadPoolExecutor addThread(Ljava/lang/Runnable;)Ljava/lang/Thread;
java/util/concurrent/ThreadPoolExecutor addIfUnderCorePoolSize(Ljava/lang/Runnable;)Z
java/util/concurrent/ThreadPoolExecutor
addIfUnderMaximumPoolSize(Ljava/lang/Runnable;)Ljava/lang/Runnable;
java/util/concurrent/ThreadPoolExecutor getTask()Ljava/lang/Runnable;
java/util/concurrent/ThreadPoolExecutor interruptIdleWorkers()V
java/util/concurrent/ThreadPoolExecutor workerDone(Ljava/util/concurrent/ThreadPoolExecutor$Worker;)V
java/util/concurrent/ThreadPoolExecutor
<init>(IIJLjava/util/concurrent/TimeUnit;Ljava/util/concurrent/BlockingQueue;)V
java/util/concurrent/ThreadPoolExecutor
<init>(IIJLjava/util/concurrent/TimeUnit;Ljava/util/concurrent/BlockingQueue;Ljava/util/concurrent/ThreadFactory
;)V
java/util/concurrent/ThreadPoolExecutor
<init>(IIJLjava/util/concurrent/TimeUnit;Ljava/util/concurrent/BlockingQueue;Ljava/util/concurrent/RejectedExecu
tionHandler;)V
java/util/concurrent/ThreadPoolExecutor
<init>(IIJLjava/util/concurrent/TimeUnit;Ljava/util/concurrent/BlockingQueue;Ljava/util/concurrent/ThreadFactory
;Ljava/util/concurrent/RejectedExecutionHandler;)V
java/util/concurrent/ThreadPoolExecutor execute(Ljava/lang/Runnable;)V
java/util/concurrent/ThreadPoolExecutor shutdown()V
java/util/concurrent/ThreadPoolExecutor shutdownNow()Ljava/util/List;
java/util/concurrent/ThreadPoolExecutor isShutdown()Z
java/util/concurrent/ThreadPoolExecutor isTerminating()Z
java/util/concurrent/ThreadPoolExecutor isTerminated()Z
java/util/concurrent/ThreadPoolExecutor awaitTermination(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/ThreadPoolExecutor finalize()V
java/util/concurrent/ThreadPoolExecutor setThreadFactory(Ljava/util/concurrent/ThreadFactory;)V
java/util/concurrent/ThreadPoolExecutor
getThreadFactory()Ljava/util/concurrent/ThreadFactory;
java/util/concurrent/ThreadPoolExecutor
setRejectedExecutionHandler(Ljava/util/concurrent/RejectedExecutionHandler;)V
java/util/concurrent/ThreadPoolExecutor
getRejectedExecutionHandler()Ljava/util/concurrent/RejectedExecutionHandler;
java/util/concurrent/ThreadPoolExecutor getQueue()Ljava/util/concurrent/BlockingQueue;

java/util/concurrent/ThreadPoolExecutor remove(Ljava/lang/Runnable;)Z
java/util/concurrent/ThreadPoolExecutor purge()V
java/util/concurrent/ThreadPoolExecutor setCorePoolSize(I)V
java/util/concurrent/ThreadPoolExecutor getCorePoolSize()I
java/util/concurrent/ThreadPoolExecutor prestartCoreThread()Z
java/util/concurrent/ThreadPoolExecutor prestartAllCoreThreads()I
java/util/concurrent/ThreadPoolExecutor setMaximumPoolSize(I)V
java/util/concurrent/ThreadPoolExecutor getMaximumPoolSize()I
java/util/concurrent/ThreadPoolExecutor setKeepAliveTime(JLjava/util/concurrent/TimeUnit;)V
java/util/concurrent/ThreadPoolExecutor
getKeepAliveTime(Ljava/util/concurrent/TimeUnit;)J
java/util/concurrent/ThreadPoolExecutor getPoolSize()I
java/util/concurrent/ThreadPoolExecutor getActiveCount()I
java/util/concurrent/ThreadPoolExecutor getLargestPoolSize()I
java/util/concurrent/ThreadPoolExecutor getTaskCount()J
java/util/concurrent/ThreadPoolExecutor getCompletedTaskCount()J
java/util/concurrent/ThreadPoolExecutor beforeExecute(Ljava/lang/Thread;Ljava/lang/Runnable;)V
java/util/concurrent/ThreadPoolExecutor afterExecute(Ljava/lang/Runnable;Ljava/lang/Throwable;)V
java/util/concurrent/ThreadPoolExecutor terminated()V
java/util/concurrent/ThreadPoolExecutor <clinit>()V
class java/util/concurrent/TimeUnit java/lang/Enum
java/util/concurrent/TimeUnit NANOSECONDS
java/util/concurrent/TimeUnit MICROSECONDS
java/util/concurrent/TimeUnit MILLISECONDS
java/util/concurrent/TimeUnit SECONDS
java/util/concurrent/TimeUnit index
java/util/concurrent/TimeUnit multipliers
java/util/concurrent/TimeUnit
overflows
java/util/concurrent/TimeUnit $VALUES
java/util/concurrent/TimeUnit values()[Ljava/util/concurrent/TimeUnit;
java/util/concurrent/TimeUnit valueOf(Ljava/lang/String;)Ljava/util/concurrent/TimeUnit;
java/util/concurrent/TimeUnit <init>(Ljava/lang/String;II)V
java/util/concurrent/TimeUnit doConvert(IJ)J
java/util/concurrent/TimeUnit convert(JLjava/util/concurrent/TimeUnit;)J
java/util/concurrent/TimeUnit toNanos(J)J
java/util/concurrent/TimeUnit toMicros(J)J
java/util/concurrent/TimeUnit toMillis(J)J
java/util/concurrent/TimeUnit toSeconds(J)J
java/util/concurrent/TimeUnit excessNanos(JJ)I
java/util/concurrent/TimeUnit timedWait(Ljava/lang/Object;J)V
java/util/concurrent/TimeUnit timedJoin(Ljava/lang/Thread;J)V
java/util/concurrent/TimeUnit sleep(J)V
java/util/concurrent/TimeUnit <clinit>()V
class java/util/concurrent/TimeoutException java/lang/Exception
java/util/concurrent/TimeoutException serialVersionUID
java/util/concurrent/TimeoutException <init>()V
java/util/concurrent/TimeoutException

<init>(Ljava/lang/String;)V
class java/util/concurrent/atomic/AtomicBoolean java/lang/Object
java/util/concurrent/atomic/AtomicBoolean serialVersionUID
java/util/concurrent/atomic/AtomicBoolean unsafe
java/util/concurrent/atomic/AtomicBoolean valueOffset
java/util/concurrent/atomic/AtomicBoolean value
java/util/concurrent/atomic/AtomicBoolean <init>(Z)V
java/util/concurrent/atomic/AtomicBoolean <init>()V
java/util/concurrent/atomic/AtomicBoolean get()Z
java/util/concurrent/atomic/AtomicBoolean compareAndSet(ZZ)Z
java/util/concurrent/atomic/AtomicBoolean weakCompareAndSet(ZZ)Z
java/util/concurrent/atomic/AtomicBoolean set(Z)V
java/util/concurrent/atomic/AtomicBoolean getAndSet(Z)Z
java/util/concurrent/atomic/AtomicBoolean toString()Ljava/lang/String;
java/util/concurrent/atomic/AtomicBoolean <clinit>()V
class java/util/concurrent/atomic/AtomicInteger java/lang/Number
java/util/concurrent/atomic/AtomicInteger serialVersionUID
java/util/concurrent/atomic/AtomicInteger
unsafe
java/util/concurrent/atomic/AtomicInteger valueOffset
java/util/concurrent/atomic/AtomicInteger value
java/util/concurrent/atomic/AtomicInteger <init>(I)V
java/util/concurrent/atomic/AtomicInteger <init>()V
java/util/concurrent/atomic/AtomicInteger get()I
java/util/concurrent/atomic/AtomicInteger set(I)V
java/util/concurrent/atomic/AtomicInteger getAndSet(I)I
java/util/concurrent/atomic/AtomicInteger compareAndSet(II)Z
java/util/concurrent/atomic/AtomicInteger weakCompareAndSet(II)Z
java/util/concurrent/atomic/AtomicInteger getAndIncrement()I
java/util/concurrent/atomic/AtomicInteger getAndDecrement()I
java/util/concurrent/atomic/AtomicInteger getAndAdd(I)I
java/util/concurrent/atomic/AtomicInteger incrementAndGet()I
java/util/concurrent/atomic/AtomicInteger decrementAndGet()I
java/util/concurrent/atomic/AtomicInteger addAndGet(I)I
java/util/concurrent/atomic/AtomicInteger toString()Ljava/lang/String;
java/util/concurrent/atomic/AtomicInteger intValue()I
java/util/concurrent/atomic/AtomicInteger
longValue()J
java/util/concurrent/atomic/AtomicInteger floatValue()F
java/util/concurrent/atomic/AtomicInteger doubleValue()D
java/util/concurrent/atomic/AtomicInteger <clinit>()V
class java/util/concurrent/atomic/AtomicIntegerArray java/lang/Object
java/util/concurrent/atomic/AtomicIntegerArray serialVersionUID
java/util/concurrent/atomic/AtomicIntegerArray unsafe
java/util/concurrent/atomic/AtomicIntegerArray base
java/util/concurrent/atomic/AtomicIntegerArray scale
java/util/concurrent/atomic/AtomicIntegerArray array
java/util/concurrent/atomic/AtomicIntegerArray rawIndex(I)J

java/util/concurrent/atomic/AtomicIntegerArray <init>(I)V
java/util/concurrent/atomic/AtomicIntegerArray <init>([I)V
java/util/concurrent/atomic/AtomicIntegerArray length()I
java/util/concurrent/atomic/AtomicIntegerArray get(I)I
java/util/concurrent/atomic/AtomicIntegerArray set(II)V
java/util/concurrent/atomic/AtomicIntegerArray getAndSet(II)I
java/util/concurrent/atomic/AtomicIntegerArray
compareAndSet(III)Z
java/util/concurrent/atomic/AtomicIntegerArray weakCompareAndSet(III)Z
java/util/concurrent/atomic/AtomicIntegerArray getAndIncrement(I)I
java/util/concurrent/atomic/AtomicIntegerArray getAndDecrement(I)I
java/util/concurrent/atomic/AtomicIntegerArray getAndAdd(II)I
java/util/concurrent/atomic/AtomicIntegerArray incrementAndGet(I)I
java/util/concurrent/atomic/AtomicIntegerArray decrementAndGet(I)I
java/util/concurrent/atomic/AtomicIntegerArray addAndGet(II)I
java/util/concurrent/atomic/AtomicIntegerArray toString()Ljava/lang/String;
java/util/concurrent/atomic/AtomicIntegerArray <clinit>()V
class java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
java/util/concurrent/atomic/AtomicIntegerFieldUpdater
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl unsafe
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl offset
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
tclass
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl cclass
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
<init>(Ljava/lang/Class;Ljava/lang/String;)V
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
compareAndSet(Ljava/lang/Object;II)Z
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
weakCompareAndSet(Ljava/lang/Object;II)Z
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl set(Ljava/lang/Object;I)V
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl get(Ljava/lang/Object;)I
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
ensureProtectedAccess(Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl <clinit>()V
class java/util/concurrent/atomic/AtomicIntegerFieldUpdater
java/lang/Object
java/util/concurrent/atomic/AtomicIntegerFieldUpdater
newUpdater(Ljava/lang/Class;Ljava/lang/String;)Ljava/util/concurrent/atomic/AtomicIntegerFieldUpdater;
java/util/concurrent/atomic/AtomicIntegerFieldUpdater <init>()V
java/util/concurrent/atomic/AtomicIntegerFieldUpdater compareAndSet(Ljava/lang/Object;II)Z
java/util/concurrent/atomic/AtomicIntegerFieldUpdater weakCompareAndSet(Ljava/lang/Object;II)Z
java/util/concurrent/atomic/AtomicIntegerFieldUpdater set(Ljava/lang/Object;I)V
java/util/concurrent/atomic/AtomicIntegerFieldUpdater get(Ljava/lang/Object;)I
java/util/concurrent/atomic/AtomicIntegerFieldUpdater getAndSet(Ljava/lang/Object;I)I
java/util/concurrent/atomic/AtomicIntegerFieldUpdater getAndIncrement(Ljava/lang/Object;)I
java/util/concurrent/atomic/AtomicIntegerFieldUpdater getAndDecrement(Ljava/lang/Object;)I
java/util/concurrent/atomic/AtomicIntegerFieldUpdater getAndAdd(Ljava/lang/Object;I)I

java/util/concurrent/atomic/AtomicIntegerFieldUpdater
incrementAndGet(Ljava/lang/Object;)I
java/util/concurrent/atomic/AtomicIntegerFieldUpdater decrementAndGet(Ljava/lang/Object;)I
java/util/concurrent/atomic/AtomicIntegerFieldUpdater addAndGet(Ljava/lang/Object;I)I
class java/util/concurrent/atomic/AtomicLongArray java/lang/Object
java/util/concurrent/atomic/AtomicLongArray serialVersionUID
java/util/concurrent/atomic/AtomicLongArray unsafe
java/util/concurrent/atomic/AtomicLongArray base
java/util/concurrent/atomic/AtomicLongArray scale
java/util/concurrent/atomic/AtomicLongArray array
java/util/concurrent/atomic/AtomicLongArray rawIndex(I)J
java/util/concurrent/atomic/AtomicLongArray <init>(I)V
java/util/concurrent/atomic/AtomicLongArray <init>([J)V
java/util/concurrent/atomic/AtomicLongArray length()I
java/util/concurrent/atomic/AtomicLongArray get(I)J
java/util/concurrent/atomic/AtomicLongArray set(IJ)V
java/util/concurrent/atomic/AtomicLongArray getAndSet(IJ)J
java/util/concurrent/atomic/AtomicLongArray compareAndSet(IJJ)Z
java/util/concurrent/atomic/AtomicLongArray
weakCompareAndSet(IJJ)Z
java/util/concurrent/atomic/AtomicLongArray getAndIncrement(I)J
java/util/concurrent/atomic/AtomicLongArray getAndDecrement(I)J
java/util/concurrent/atomic/AtomicLongArray getAndAdd(IJ)J
java/util/concurrent/atomic/AtomicLongArray incrementAndGet(I)J
java/util/concurrent/atomic/AtomicLongArray decrementAndGet(I)J
java/util/concurrent/atomic/AtomicLongArray addAndGet(IJ)J
java/util/concurrent/atomic/AtomicLongArray toString()Ljava/lang/String;
java/util/concurrent/atomic/AtomicLongArray <clinit>()V
class java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater
java/util/concurrent/atomic/AtomicLongFieldUpdater
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater unsafe
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater offset
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater tclass
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater cclass
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater
<init>(Ljava/lang/Class;Ljava/lang/String;)V
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater compareAndSet(Ljava/lang/Object;JJ)Z
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater weakCompareAndSet(Ljava/lang/Object;JJ)Z
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater set(Ljava/lang/Object;J)V
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater get(Ljava/lang/Object;)J
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater ensureProtectedAccess(Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater <clinit>()V
class java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater
java/util/concurrent/atomic/AtomicLongFieldUpdater
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater unsafe
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater offset
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater tclass
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater

cclass
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater <init>(Ljava/lang/Class;Ljava/lang/String;)V
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater compareAndSet(Ljava/lang/Object;JJ)Z
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater weakCompareAndSet(Ljava/lang/Object;JJ)Z
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater set(Ljava/lang/Object;J)V
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater get(Ljava/lang/Object;)J
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater ensureProtectedAccess(Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater <clinit>()V
class java/util/concurrent/atomic/AtomicLongFieldUpdater java/lang/Object
java/util/concurrent/atomic/AtomicLongFieldUpdater
newUpdater(Ljava/lang/Class;Ljava/lang/String;)Ljava/util/concurrent/atomic/AtomicLongFieldUpdater;
java/util/concurrent/atomic/AtomicLongFieldUpdater <init>()V
java/util/concurrent/atomic/AtomicLongFieldUpdater
compareAndSet(Ljava/lang/Object;JJ)Z
java/util/concurrent/atomic/AtomicLongFieldUpdater weakCompareAndSet(Ljava/lang/Object;JJ)Z
java/util/concurrent/atomic/AtomicLongFieldUpdater set(Ljava/lang/Object;J)V
java/util/concurrent/atomic/AtomicLongFieldUpdater get(Ljava/lang/Object;)J
java/util/concurrent/atomic/AtomicLongFieldUpdater getAndSet(Ljava/lang/Object;J)J
java/util/concurrent/atomic/AtomicLongFieldUpdater getAndIncrement(Ljava/lang/Object;)J
java/util/concurrent/atomic/AtomicLongFieldUpdater getAndDecrement(Ljava/lang/Object;)J
java/util/concurrent/atomic/AtomicLongFieldUpdater getAndAdd(Ljava/lang/Object;J)J
java/util/concurrent/atomic/AtomicLongFieldUpdater incrementAndGet(Ljava/lang/Object;)J
java/util/concurrent/atomic/AtomicLongFieldUpdater decrementAndGet(Ljava/lang/Object;)J
java/util/concurrent/atomic/AtomicLongFieldUpdater addAndGet(Ljava/lang/Object;J)J
class java/util/concurrent/atomic/AtomicMarkableReference$ReferenceBooleanPair
java/lang/Object
java/util/concurrent/atomic/AtomicMarkableReference$ReferenceBooleanPair reference
java/util/concurrent/atomic/AtomicMarkableReference$ReferenceBooleanPair bit
java/util/concurrent/atomic/AtomicMarkableReference$ReferenceBooleanPair <init>(Ljava/lang/Object;Z)V
java/util/concurrent/atomic/AtomicMarkableReference$ReferenceBooleanPair
access$000(Ljava/util/concurrent/atomic/AtomicMarkableReference$ReferenceBooleanPair;)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicMarkableReference$ReferenceBooleanPair
access$100(Ljava/util/concurrent/atomic/AtomicMarkableReference$ReferenceBooleanPair;)Z
class java/util/concurrent/atomic/AtomicMarkableReference java/lang/Object
java/util/concurrent/atomic/AtomicMarkableReference atomicRef
java/util/concurrent/atomic/AtomicMarkableReference <init>(Ljava/lang/Object;Z)V
java/util/concurrent/atomic/AtomicMarkableReference getReference()Ljava/lang/Object;
java/util/concurrent/atomic/AtomicMarkableReference isMarked()Z
java/util/concurrent/atomic/AtomicMarkableReference
get([Z)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicMarkableReference
weakCompareAndSet(Ljava/lang/Object;Ljava/lang/Object;ZZ)Z
java/util/concurrent/atomic/AtomicMarkableReference compareAndSet(Ljava/lang/Object;Ljava/lang/Object;ZZ)Z
java/util/concurrent/atomic/AtomicMarkableReference set(Ljava/lang/Object;Z)V
java/util/concurrent/atomic/AtomicMarkableReference attemptMark(Ljava/lang/Object;Z)Z
class java/util/concurrent/atomic/AtomicReference java/lang/Object
java/util/concurrent/atomic/AtomicReference serialVersionUID
java/util/concurrent/atomic/AtomicReference unsafe

java/util/concurrent/atomic/AtomicReference valueOffset
java/util/concurrent/atomic/AtomicReference value
java/util/concurrent/atomic/AtomicReference <init>(Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicReference <init>()V
java/util/concurrent/atomic/AtomicReference get()Ljava/lang/Object;
java/util/concurrent/atomic/AtomicReference set(Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicReference
compareAndSet(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/atomic/AtomicReference weakCompareAndSet(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/atomic/AtomicReference getAndSet(Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicReference toString()Ljava/lang/String;
java/util/concurrent/atomic/AtomicReference <clinit>()V
class java/util/concurrent/atomic/AtomicReferenceArray java/lang/Object
java/util/concurrent/atomic/AtomicReferenceArray serialVersionUID
java/util/concurrent/atomic/AtomicReferenceArray unsafe
java/util/concurrent/atomic/AtomicReferenceArray base
java/util/concurrent/atomic/AtomicReferenceArray scale
java/util/concurrent/atomic/AtomicReferenceArray array
java/util/concurrent/atomic/AtomicReferenceArray rawIndex(I)J
java/util/concurrent/atomic/AtomicReferenceArray <init>(I)V
java/util/concurrent/atomic/AtomicReferenceArray <init>([Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicReferenceArray
length()I
java/util/concurrent/atomic/AtomicReferenceArray get(I)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicReferenceArray set(ILjava/lang/Object;)V
java/util/concurrent/atomic/AtomicReferenceArray getAndSet(ILjava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicReferenceArray compareAndSet(ILjava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/atomic/AtomicReferenceArray weakCompareAndSet(ILjava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/atomic/AtomicReferenceArray toString()Ljava/lang/String;
java/util/concurrent/atomic/AtomicReferenceArray <clinit>()V
class java/util/concurrent/atomic/AtomicStampedReference$ReferenceIntegerPair java/lang/Object
java/util/concurrent/atomic/AtomicStampedReference$ReferenceIntegerPair reference
java/util/concurrent/atomic/AtomicStampedReference$ReferenceIntegerPair integer
java/util/concurrent/atomic/AtomicStampedReference$ReferenceIntegerPair <init>(Ljava/lang/Object;I)V
java/util/concurrent/atomic/AtomicStampedReference$ReferenceIntegerPair
access$000(Ljava/util/concurrent/atomic/AtomicStampedReference$ReferenceIntegerPair;)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicStampedReference$ReferenceIntegerPair
access$100(Ljava/util/concurrent/atomic/AtomicStampedReference$ReferenceIntegerPair;)I
class java/util/concurrent/atomic/AtomicStampedReference java/lang/Object
java/util/concurrent/atomic/AtomicStampedReference atomicRef
java/util/concurrent/atomic/AtomicStampedReference <init>(Ljava/lang/Object;I)V
java/util/concurrent/atomic/AtomicStampedReference getReference()Ljava/lang/Object;
java/util/concurrent/atomic/AtomicStampedReference getStamp()I
java/util/concurrent/atomic/AtomicStampedReference get([I)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicStampedReference
weakCompareAndSet(Ljava/lang/Object;Ljava/lang/Object;II)Z
java/util/concurrent/atomic/AtomicStampedReference compareAndSet(Ljava/lang/Object;Ljava/lang/Object;II)Z
java/util/concurrent/atomic/AtomicStampedReference

set(Ljava/lang/Object;I)V
java/util/concurrent/atomic/AtomicStampedReference attemptStamp(Ljava/lang/Object;I)Z
class java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject java/lang/Object
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject serialVersionUID
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject firstWaiter
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject lastWaiter
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject REINTERRUPT
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject THROW_IE
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject this$0
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject
<init>(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer;)V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject
addConditionWaiter()Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject
doSignal(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject
doSignalAll(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject signal()V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject signalAll()V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject unlinkCancelledWaiters()V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject awaitUninterruptibly()V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject
checkInterruptWhileWaiting(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)I
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject reportInterruptAfterWait(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject await()V
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject
awaitNanos(J)J
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject awaitUntil(Ljava/util/Date;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject await(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject
isOwnedBy(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject hasWaiters()Z
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject getWaitQueueLength()I
java/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject getWaitingThreads()Ljava/util/Collection;
class java/util/concurrent/locks/Condition java/lang/Object
java/util/concurrent/locks/Condition await()V
java/util/concurrent/locks/Condition awaitUninterruptibly()V
java/util/concurrent/locks/Condition awaitNanos(J)J
java/util/concurrent/locks/Condition await(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/locks/Condition
awaitUntil(Ljava/util/Date;)Z
java/util/concurrent/locks/Condition signal()V
java/util/concurrent/locks/Condition signalAll()V
class java/util/concurrent/locks/LockSupport java/lang/Object
java/util/concurrent/locks/LockSupport unsafe
java/util/concurrent/locks/LockSupport <init>()V
java/util/concurrent/locks/LockSupport unpark(Ljava/lang/Thread;)V
java/util/concurrent/locks/LockSupport park()V

java/util/concurrent/locks/LockSupport parkNanos(J)V
java/util/concurrent/locks/LockSupport parkUntil(J)V
java/util/concurrent/locks/LockSupport <clinit>()V
class java/util/concurrent/locks/ReadWriteLock java/lang/Object
java/util/concurrent/locks/ReadWriteLock readLock()Ljava/util/concurrent/locks/Lock;
java/util/concurrent/locks/ReadWriteLock writeLock()Ljava/util/concurrent/locks/Lock;
class java/util/concurrent/locks/ReentrantLock$FairSync java/util/concurrent/locks/ReentrantLock$Sync
java/util/concurrent/locks/ReentrantLock$FairSync <init>()V
java/util/concurrent/locks/ReentrantLock$FairSync
 lock()V
java/util/concurrent/locks/ReentrantLock$FairSync tryAcquire(I)Z
class java/util/concurrent/locks/ReentrantReadWriteLock$FairSync
java/util/concurrent/locks/ReentrantReadWriteLock$Sync
java/util/concurrent/locks/ReentrantReadWriteLock$FairSync <init>()V
java/util/concurrent/locks/ReentrantReadWriteLock$FairSync tryAcquire(I)Z
java/util/concurrent/locks/ReentrantReadWriteLock$FairSync tryAcquireShared(I)I
java/util/concurrent/locks/ReentrantReadWriteLock$FairSync wlock()V
class java/util/concurrent/locks/ReentrantReadWriteLock$NonfairSync
java/util/concurrent/locks/ReentrantReadWriteLock$Sync
java/util/concurrent/locks/ReentrantReadWriteLock$NonfairSync <init>()V
java/util/concurrent/locks/ReentrantReadWriteLock$NonfairSync tryAcquire(I)Z
java/util/concurrent/locks/ReentrantReadWriteLock$NonfairSync tryAcquireShared(I)I
java/util/concurrent/locks/ReentrantReadWriteLock$NonfairSync wlock()V
class java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock
 java/lang/Object
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock serialVersionUID
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock sync
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock
<init>(Ljava/util/concurrent/locks/ReentrantReadWriteLock;)V
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock lock()V
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock lockInterruptibly()V
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock tryLock()Z
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock tryLock(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock unlock()V
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock
newCondition()Ljava/util/concurrent/locks/Condition;
java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock toString()Ljava/lang/String;
class java/util/concurrent/locks/ReentrantReadWriteLock$Sync
java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/locks/ReentrantReadWriteLock$Sync
 owner
java/util/concurrent/locks/ReentrantReadWriteLock$Sync <init>()V
java/util/concurrent/locks/ReentrantReadWriteLock$Sync wlock()V
java/util/concurrent/locks/ReentrantReadWriteLock$Sync nonfairTryAcquire(I)Z
java/util/concurrent/locks/ReentrantReadWriteLock$Sync nonfairTryAcquireShared(I)I
java/util/concurrent/locks/ReentrantReadWriteLock$Sync tryRelease(I)Z
java/util/concurrent/locks/ReentrantReadWriteLock$Sync tryReleaseShared(I)Z
java/util/concurrent/locks/ReentrantReadWriteLock$Sync isHeldExclusively()Z

java/util/concurrent/locks/ReentrantReadWriteLock$Sync
newCondition()Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject;
java/util/concurrent/locks/ReentrantReadWriteLock$Sync getOwner()Ljava/lang/Thread;
java/util/concurrent/locks/ReentrantReadWriteLock$Sync getReadLockCount()I
java/util/concurrent/locks/ReentrantReadWriteLock$Sync isWriteLocked()Z
java/util/concurrent/locks/ReentrantReadWriteLock$Sync
getWriteHoldCount()I
java/util/concurrent/locks/ReentrantReadWriteLock$Sync readObject(Ljava/io/ObjectInputStream;)V
java/util/concurrent/locks/ReentrantReadWriteLock$Sync getCount()I
class java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock java/lang/Object
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock serialVersionUID
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock sync
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock
<init>(Ljava/util/concurrent/locks/ReentrantReadWriteLock;)V
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock lock()V
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock lockInterruptibly()V
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock tryLock()Z
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock tryLock(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock unlock()V
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock
newCondition()Ljava/util/concurrent/locks/Condition;
java/util/concurrent/locks/ReentrantReadWriteLock$WriteLock
toString()Ljava/lang/String;
class java/util/concurrent/locks/ReentrantReadWriteLock java/lang/Object
java/util/concurrent/locks/ReentrantReadWriteLock serialVersionUID
java/util/concurrent/locks/ReentrantReadWriteLock readerLock
java/util/concurrent/locks/ReentrantReadWriteLock writerLock
java/util/concurrent/locks/ReentrantReadWriteLock sync
java/util/concurrent/locks/ReentrantReadWriteLock SHARED_SHIFT
java/util/concurrent/locks/ReentrantReadWriteLock SHARED_UNIT
java/util/concurrent/locks/ReentrantReadWriteLock EXCLUSIVE_MASK
java/util/concurrent/locks/ReentrantReadWriteLock <init>()V
java/util/concurrent/locks/ReentrantReadWriteLock <init>(Z)V
java/util/concurrent/locks/ReentrantReadWriteLock
writeLock()Ljava/util/concurrent/locks/ReentrantReadWriteLock$WriteLock;
java/util/concurrent/locks/ReentrantReadWriteLock
readLock()Ljava/util/concurrent/locks/ReentrantReadWriteLock$ReadLock;
java/util/concurrent/locks/ReentrantReadWriteLock
sharedCount(I)I
java/util/concurrent/locks/ReentrantReadWriteLock exclusiveCount(I)I
java/util/concurrent/locks/ReentrantReadWriteLock isFair()Z
java/util/concurrent/locks/ReentrantReadWriteLock getOwner()Ljava/lang/Thread;
java/util/concurrent/locks/ReentrantReadWriteLock getReadLockCount()I
java/util/concurrent/locks/ReentrantReadWriteLock isWriteLocked()Z
java/util/concurrent/locks/ReentrantReadWriteLock isWriteLockedByCurrentThread()Z
java/util/concurrent/locks/ReentrantReadWriteLock getWriteHoldCount()I
java/util/concurrent/locks/ReentrantReadWriteLock getQueuedWriterThreads()Ljava/util/Collection;
java/util/concurrent/locks/ReentrantReadWriteLock getQueuedReaderThreads()Ljava/util/Collection;

java/util/concurrent/locks/ReentrantReadWriteLock hasQueuedThreads()Z
java/util/concurrent/locks/ReentrantReadWriteLock hasQueuedThread(Ljava/lang/Thread;)Z
java/util/concurrent/locks/ReentrantReadWriteLock getQueueLength()I
java/util/concurrent/locks/ReentrantReadWriteLock
getQueuedThreads()Ljava/util/Collection;
java/util/concurrent/locks/ReentrantReadWriteLock hasWaiters(Ljava/util/concurrent/locks/Condition;)Z
java/util/concurrent/locks/ReentrantReadWriteLock getWaitQueueLength(Ljava/util/concurrent/locks/Condition;)I
java/util/concurrent/locks/ReentrantReadWriteLock
getWaitingThreads(Ljava/util/concurrent/locks/Condition;)Ljava/util/Collection;
java/util/concurrent/locks/ReentrantReadWriteLock toString()Ljava/lang/String;
java/util/concurrent/locks/ReentrantReadWriteLock writeLock()Ljava/util/concurrent/locks/Lock;
java/util/concurrent/locks/ReentrantReadWriteLock readLock()Ljava/util/concurrent/locks/Lock;
java/util/concurrent/locks/ReentrantReadWriteLock
access$000(Ljava/util/concurrent/locks/ReentrantReadWriteLock;)Ljava/util/concurrent/locks/ReentrantReadWrite
Lock$Sync;
class java/util/jar/JarException java/util/zip/ZipException
java/util/jar/JarException <init>()V
java/util/jar/JarException <init>(Ljava/lang/String;)V
class
java/util/jar/JarOutputStream java/util/zip/ZipOutputStream
java/util/jar/JarOutputStream JAR_MAGIC
java/util/jar/JarOutputStream firstEntry
java/util/jar/JarOutputStream <init>(Ljava/io/OutputStream;Ljava/util/jar/Manifest;)V
java/util/jar/JarOutputStream <init>(Ljava/io/OutputStream;)V
java/util/jar/JarOutputStream putNextEntry(Ljava/util/zip/ZipEntry;)V
java/util/jar/JarOutputStream hasMagic([B)Z
java/util/jar/JarOutputStream get16([BI)I
java/util/jar/JarOutputStream set16([BII)V
class java/util/jar/Pack200$Packer java/lang/Object
java/util/jar/Pack200$Packer SEGMENT_LIMIT
java/util/jar/Pack200$Packer KEEP_FILE_ORDER
java/util/jar/Pack200$Packer EFFORT
java/util/jar/Pack200$Packer DEFLATE_HINT
java/util/jar/Pack200$Packer MODIFICATION_TIME
java/util/jar/Pack200$Packer PASS_FILE_PFX
java/util/jar/Pack200$Packer UNKNOWN_ATTRIBUTE
java/util/jar/Pack200$Packer CLASS_ATTRIBUTE_PFX
java/util/jar/Pack200$Packer FIELD_ATTRIBUTE_PFX
java/util/jar/Pack200$Packer METHOD_ATTRIBUTE_PFX
java/util/jar/Pack200$Packer
CODE_ATTRIBUTE_PFX
java/util/jar/Pack200$Packer PROGRESS
java/util/jar/Pack200$Packer KEEP
java/util/jar/Pack200$Packer PASS
java/util/jar/Pack200$Packer STRIP
java/util/jar/Pack200$Packer ERROR
java/util/jar/Pack200$Packer TRUE
java/util/jar/Pack200$Packer FALSE

java/util/jar/Pack200$Packer LATEST
java/util/jar/Pack200$Packer properties()Ljava/util/SortedMap;
java/util/jar/Pack200$Packer pack(Ljava/util/jar/JarFile;Ljava/io/OutputStream;)V
java/util/jar/Pack200$Packer pack(Ljava/util/jar/JarInputStream;Ljava/io/OutputStream;)V
java/util/jar/Pack200$Packer addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/util/jar/Pack200$Packer removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
class java/util/jar/Pack200$Unpacker java/lang/Object
java/util/jar/Pack200$Unpacker KEEP
java/util/jar/Pack200$Unpacker TRUE
java/util/jar/Pack200$Unpacker FALSE
java/util/jar/Pack200$Unpacker DEFLATE_HINT
java/util/jar/Pack200$Unpacker PROGRESS
java/util/jar/Pack200$Unpacker
properties()Ljava/util/SortedMap;
java/util/jar/Pack200$Unpacker unpack(Ljava/io/InputStream;Ljava/util/jar/JarOutputStream;)V
java/util/jar/Pack200$Unpacker unpack(Ljava/io/File;Ljava/util/jar/JarOutputStream;)V
java/util/jar/Pack200$Unpacker addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/util/jar/Pack200$Unpacker removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
class java/util/jar/Pack200 java/lang/Object
java/util/jar/Pack200 PACK_PROVIDER
java/util/jar/Pack200 UNPACK_PROVIDER
java/util/jar/Pack200 packerImpl
java/util/jar/Pack200 unpackerImpl
java/util/jar/Pack200 <init>()V
java/util/jar/Pack200 newPacker()Ljava/util/jar/Pack200$Packer;
java/util/jar/Pack200 newUnpacker()Ljava/util/jar/Pack200$Unpacker;
java/util/jar/Pack200 newInstance(Ljava/lang/String;)Ljava/lang/Object;
class java/util/logging/ConsoleHandler java/util/logging/StreamHandler
java/util/logging/ConsoleHandler configure()V
java/util/logging/ConsoleHandler
<init>()V
java/util/logging/ConsoleHandler publish(Ljava/util/logging/LogRecord;)V
java/util/logging/ConsoleHandler close()V
class java/util/logging/ErrorManager java/lang/Object
java/util/logging/ErrorManager reported
java/util/logging/ErrorManager GENERIC_FAILURE
java/util/logging/ErrorManager WRITE_FAILURE
java/util/logging/ErrorManager FLUSH_FAILURE
java/util/logging/ErrorManager CLOSE_FAILURE
java/util/logging/ErrorManager OPEN_FAILURE
java/util/logging/ErrorManager FORMAT_FAILURE
java/util/logging/ErrorManager <init>()V
java/util/logging/ErrorManager error(Ljava/lang/String;Ljava/lang/Exception;I)V
class java/util/logging/FileHandler$1 java/lang/Object
java/util/logging/FileHandler$1 this$0
java/util/logging/FileHandler$1 <init>(Ljava/util/logging/FileHandler;)V
java/util/logging/FileHandler$1 run()Ljava/lang/Object;
class java/util/logging/FileHandler$InitializationErrorManager java/util/logging/ErrorManager

java/util/logging/FileHandler$InitializationErrorManager
 lastException
java/util/logging/FileHandler$InitializationErrorManager <init>()V
java/util/logging/FileHandler$InitializationErrorManager error(Ljava/lang/String;Ljava/lang/Exception;I)V
java/util/logging/FileHandler$InitializationErrorManager <init>(Ljava/util/logging/FileHandler$1;)V
class java/util/logging/FileHandler$MeteredStream java/io/OutputStream
java/util/logging/FileHandler$MeteredStream out
java/util/logging/FileHandler$MeteredStream written
java/util/logging/FileHandler$MeteredStream this$0
java/util/logging/FileHandler$MeteredStream <init>(Ljava/util/logging/FileHandler;Ljava/io/OutputStream;I)V
java/util/logging/FileHandler$MeteredStream write(I)V
java/util/logging/FileHandler$MeteredStream write([B)V
java/util/logging/FileHandler$MeteredStream write([BII)V
java/util/logging/FileHandler$MeteredStream flush()V
java/util/logging/FileHandler$MeteredStream close()V
class java/util/logging/FileHandler java/util/logging/StreamHandler
java/util/logging/FileHandler meter
java/util/logging/FileHandler
 append
java/util/logging/FileHandler limit
java/util/logging/FileHandler count
java/util/logging/FileHandler pattern
java/util/logging/FileHandler lockFileName
java/util/logging/FileHandler lockStream
java/util/logging/FileHandler files
java/util/logging/FileHandler MAX_LOCKS
java/util/logging/FileHandler locks
java/util/logging/FileHandler open(Ljava/io/File;Z)V
java/util/logging/FileHandler configure()V
java/util/logging/FileHandler <init>()V
java/util/logging/FileHandler <init>(Ljava/lang/String;)V
java/util/logging/FileHandler <init>(Ljava/lang/String;Z)V
java/util/logging/FileHandler <init>(Ljava/lang/String;II)V
java/util/logging/FileHandler <init>(Ljava/lang/String;IIZ)V
java/util/logging/FileHandler openFiles()V
java/util/logging/FileHandler generate(Ljava/lang/String;II)Ljava/io/File;
java/util/logging/FileHandler rotate()V
java/util/logging/FileHandler publish(Ljava/util/logging/LogRecord;)V
java/util/logging/FileHandler close()V
java/util/logging/FileHandler
 isSetUID()Z
java/util/logging/FileHandler access$100(Ljava/util/logging/FileHandler;)V
java/util/logging/FileHandler <clinit>()V
class java/util/logging/Filter java/lang/Object
java/util/logging/Filter isLoggable(Ljava/util/logging/LogRecord;)Z
class java/util/logging/Formatter java/lang/Object
java/util/logging/Formatter <init>()V
java/util/logging/Formatter format(Ljava/util/logging/LogRecord;)Ljava/lang/String;

java/util/logging/Formatter getHead(Ljava/util/logging/Handler;)Ljava/lang/String;
java/util/logging/Formatter getTail(Ljava/util/logging/Handler;)Ljava/lang/String;
java/util/logging/Formatter formatMessage(Ljava/util/logging/LogRecord;)Ljava/lang/String;
class java/util/logging/LogManager$3 java/lang/Object
java/util/logging/LogManager$3 val$name
java/util/logging/LogManager$3 this$0
java/util/logging/LogManager$3 <init>(Ljava/util/logging/LogManager;Ljava/lang/String;)V
java/util/logging/LogManager$3 run()Ljava/lang/Object;
class java/util/logging/LogManager$4 java/lang/Object
java/util/logging/LogManager$4
 val$nname
java/util/logging/LogManager$4 this$0
java/util/logging/LogManager$4 <init>(Ljava/util/logging/LogManager;Ljava/lang/String;)V
java/util/logging/LogManager$4 run()Ljava/lang/Object;
class java/util/logging/LogManager$5 java/lang/Object
java/util/logging/LogManager$5 val$logger
java/util/logging/LogManager$5 val$level
java/util/logging/LogManager$5 <init>(Ljava/util/logging/Logger;Ljava/util/logging/Level;)V
java/util/logging/LogManager$5 run()Ljava/lang/Object;
class java/util/logging/LogManager$6 java/lang/Object
java/util/logging/LogManager$6 val$logger
java/util/logging/LogManager$6 val$parent
java/util/logging/LogManager$6 <init>(Ljava/util/logging/Logger;Ljava/util/logging/Logger;)V
java/util/logging/LogManager$6 run()Ljava/lang/Object;
class java/util/logging/LogManager$7 java/lang/Object
java/util/logging/LogManager$7 this$0
java/util/logging/LogManager$7 <init>(Ljava/util/logging/LogManager;)V
java/util/logging/LogManager$7
 run()Ljava/lang/Object;
class java/util/logging/LogRecord java/lang/Object
java/util/logging/LogRecord globalSequenceNumber
java/util/logging/LogRecord nextThreadId
java/util/logging/LogRecord threadIds
java/util/logging/LogRecord level
java/util/logging/LogRecord sequenceNumber
java/util/logging/LogRecord sourceClassName
java/util/logging/LogRecord sourceMethodName
java/util/logging/LogRecord message
java/util/logging/LogRecord threadID
java/util/logging/LogRecord millis
java/util/logging/LogRecord thrown
java/util/logging/LogRecord loggerName
java/util/logging/LogRecord resourceBundleName
java/util/logging/LogRecord needToInferCaller
java/util/logging/LogRecord parameters
java/util/logging/LogRecord resourceBundle
java/util/logging/LogRecord serialVersionUID
java/util/logging/LogRecord <init>(Ljava/util/logging/Level;Ljava/lang/String;)V

java/util/logging/LogRecord getLoggerName()Ljava/lang/String;
java/util/logging/LogRecord setLoggerName(Ljava/lang/String;)V
java/util/logging/LogRecord
 getResourceBundle()Ljava/util/ResourceBundle;
java/util/logging/LogRecord setResourceBundle(Ljava/util/ResourceBundle;)V
java/util/logging/LogRecord getResourceBundleName()Ljava/lang/String;
java/util/logging/LogRecord setResourceBundleName(Ljava/lang/String;)V
java/util/logging/LogRecord getLevel()Ljava/util/logging/Level;
java/util/logging/LogRecord setLevel(Ljava/util/logging/Level;)V
java/util/logging/LogRecord getSequenceNumber()J
java/util/logging/LogRecord setSequenceNumber(J)V
java/util/logging/LogRecord getSourceClassName()Ljava/lang/String;
java/util/logging/LogRecord setSourceClassName(Ljava/lang/String;)V
java/util/logging/LogRecord getSourceMethodName()Ljava/lang/String;
java/util/logging/LogRecord setSourceMethodName(Ljava/lang/String;)V
java/util/logging/LogRecord getMessage()Ljava/lang/String;
java/util/logging/LogRecord setMessage(Ljava/lang/String;)V
java/util/logging/LogRecord getParameters()[Ljava/lang/Object;
java/util/logging/LogRecord setParameters([Ljava/lang/Object;)V
java/util/logging/LogRecord
 getThreadID()I
java/util/logging/LogRecord setThreadID(I)V
java/util/logging/LogRecord getMillis()J
java/util/logging/LogRecord setMillis(J)V
java/util/logging/LogRecord getThrown()Ljava/lang/Throwable;
java/util/logging/LogRecord setThrown(Ljava/lang/Throwable;)V
java/util/logging/LogRecord writeObject(Ljava/io/ObjectOutputStream;)V
java/util/logging/LogRecord readObject(Ljava/io/ObjectInputStream;)V
java/util/logging/LogRecord inferCaller()V
java/util/logging/LogRecord <clinit>()V
class java/util/logging/Logging sun/management/MXBeanSupport
java/util/logging/Logging logManager
java/util/logging/Logging EMPTY_STRING
java/util/logging/Logging <init>()V
java/util/logging/Logging getLoggerNames()Ljava/util/List;
java/util/logging/Logging getLoggerLevel(Ljava/lang/String;)Ljava/lang/String;
java/util/logging/Logging setLoggerLevel(Ljava/lang/String;Ljava/lang/String;)V
java/util/logging/Logging getParentLoggerName(Ljava/lang/String;)Ljava/lang/String;
java/util/logging/Logging
 <clinit>()V
class java/util/logging/LoggingMXBean java/lang/Object
java/util/logging/LoggingMXBean getLoggerNames()Ljava/util/List;
java/util/logging/LoggingMXBean getLoggerLevel(Ljava/lang/String;)Ljava/lang/String;
java/util/logging/LoggingMXBean setLoggerLevel(Ljava/lang/String;Ljava/lang/String;)V
java/util/logging/LoggingMXBean getParentLoggerName(Ljava/lang/String;)Ljava/lang/String;
class java/util/logging/MemoryHandler java/util/logging/Handler
java/util/logging/MemoryHandler DEFAULT_SIZE
java/util/logging/MemoryHandler pushLevel

java/util/logging/MemoryHandler size
java/util/logging/MemoryHandler target
java/util/logging/MemoryHandler buffer
java/util/logging/MemoryHandler start
java/util/logging/MemoryHandler count
java/util/logging/MemoryHandler configure()V
java/util/logging/MemoryHandler <init>()V
java/util/logging/MemoryHandler init()V
java/util/logging/MemoryHandler <init>(Ljava/util/logging/Handler;ILjava/util/logging/Level;)V
java/util/logging/MemoryHandler
publish(Ljava/util/logging/LogRecord;)V
java/util/logging/MemoryHandler push()V
java/util/logging/MemoryHandler flush()V
java/util/logging/MemoryHandler close()V
java/util/logging/MemoryHandler setPushLevel(Ljava/util/logging/Level;)V
java/util/logging/MemoryHandler getPushLevel()Ljava/util/logging/Level;
java/util/logging/MemoryHandler isLoggable(Ljava/util/logging/LogRecord;)Z
class java/util/logging/SimpleFormatter java/util/logging/Formatter
java/util/logging/SimpleFormatter dat
java/util/logging/SimpleFormatter format
java/util/logging/SimpleFormatter formatter
java/util/logging/SimpleFormatter args
java/util/logging/SimpleFormatter lineSeparator
java/util/logging/SimpleFormatter <init>()V
java/util/logging/SimpleFormatter format(Ljava/util/logging/LogRecord;)Ljava/lang/String;
class java/util/logging/SocketHandler java/util/logging/StreamHandler
java/util/logging/SocketHandler sock
java/util/logging/SocketHandler host
java/util/logging/SocketHandler port
java/util/logging/SocketHandler
portProperty
java/util/logging/SocketHandler configure()V
java/util/logging/SocketHandler <init>()V
java/util/logging/SocketHandler <init>(Ljava/lang/String;I)V
java/util/logging/SocketHandler connect()V
java/util/logging/SocketHandler close()V
java/util/logging/SocketHandler publish(Ljava/util/logging/LogRecord;)V
class java/util/logging/StreamHandler java/util/logging/Handler
java/util/logging/StreamHandler manager
java/util/logging/StreamHandler output
java/util/logging/StreamHandler doneHeader
java/util/logging/StreamHandler writer
java/util/logging/StreamHandler configure()V
java/util/logging/StreamHandler <init>()V
java/util/logging/StreamHandler <init>(Ljava/io/OutputStream;Ljava/util/logging/Formatter;)V
java/util/logging/StreamHandler setOutputStream(Ljava/io/OutputStream;)V
java/util/logging/StreamHandler setEncoding(Ljava/lang/String;)V
java/util/logging/StreamHandler publish(Ljava/util/logging/LogRecord;)V

java/util/logging/StreamHandler isLoggable(Ljava/util/logging/LogRecord;)Z
java/util/logging/StreamHandler
 flush()V
java/util/logging/StreamHandler flushAndClose()V
java/util/logging/StreamHandler close()V
class java/util/logging/XMLFormatter java/util/logging/Formatter
java/util/logging/XMLFormatter manager
java/util/logging/XMLFormatter <init>()V
java/util/logging/XMLFormatter a2(Ljava/lang/StringBuffer;I)V
java/util/logging/XMLFormatter appendISO8601(Ljava/lang/StringBuffer;J)V
java/util/logging/XMLFormatter escape(Ljava/lang/StringBuffer;Ljava/lang/String;)V
java/util/logging/XMLFormatter format(Ljava/util/logging/LogRecord;)Ljava/lang/String;
java/util/logging/XMLFormatter getHead(Ljava/util/logging/Handler;)Ljava/lang/String;
java/util/logging/XMLFormatter getTail(Ljava/util/logging/Handler;)Ljava/lang/String;
class java/util/prefs/AbstractPreferences$1 java/lang/Object
java/util/prefs/AbstractPreferences$1 this$0
java/util/prefs/AbstractPreferences$1 <init>(Ljava/util/prefs/AbstractPreferences;)V
java/util/prefs/AbstractPreferences$1
 run()Ljava/lang/Object;
class java/util/prefs/AbstractPreferences$EventDispatchThread java/lang/Thread
java/util/prefs/AbstractPreferences$EventDispatchThread <init>()V
java/util/prefs/AbstractPreferences$EventDispatchThread run()V
java/util/prefs/AbstractPreferences$EventDispatchThread <init>(Ljava/util/prefs/AbstractPreferences$1;)V
class java/util/prefs/AbstractPreferences$NodeAddedEvent java/util/prefs/NodeChangeEvent
java/util/prefs/AbstractPreferences$NodeAddedEvent serialVersionUID
java/util/prefs/AbstractPreferences$NodeAddedEvent this$0
java/util/prefs/AbstractPreferences$NodeAddedEvent
<init>(Ljava/util/prefs/AbstractPreferences;Ljava/util/prefs/Preferences;Ljava/util/prefs/Preferences;)V
class java/util/prefs/AbstractPreferences$NodeRemovedEvent java/util/prefs/NodeChangeEvent
java/util/prefs/AbstractPreferences$NodeRemovedEvent serialVersionUID
java/util/prefs/AbstractPreferences$NodeRemovedEvent this$0
java/util/prefs/AbstractPreferences$NodeRemovedEvent
<init>(Ljava/util/prefs/AbstractPreferences;Ljava/util/prefs/Preferences;Ljava/util/prefs/Preferences;)V
class
 java/util/prefs/AbstractPreferences java/util/prefs/Preferences
java/util/prefs/AbstractPreferences name
java/util/prefs/AbstractPreferences absolutePath
java/util/prefs/AbstractPreferences parent
java/util/prefs/AbstractPreferences root
java/util/prefs/AbstractPreferences newNode
java/util/prefs/AbstractPreferences kidCache
java/util/prefs/AbstractPreferences removed
java/util/prefs/AbstractPreferences prefListeners
java/util/prefs/AbstractPreferences nodeListeners
java/util/prefs/AbstractPreferences lock
java/util/prefs/AbstractPreferences EMPTY_STRING_ARRAY
java/util/prefs/AbstractPreferences EMPTY_ABSTRACT_PREFS_ARRAY
java/util/prefs/AbstractPreferences eventQueue

java/util/prefs/AbstractPreferences eventDispatchThread
java/util/prefs/AbstractPreferences <init>(Ljava/util/prefs/AbstractPreferences;Ljava/lang/String;)V
java/util/prefs/AbstractPreferences put(Ljava/lang/String;Ljava/lang/String;)V
java/util/prefs/AbstractPreferences
get(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/util/prefs/AbstractPreferences remove(Ljava/lang/String;)V
java/util/prefs/AbstractPreferences clear()V
java/util/prefs/AbstractPreferences putInt(Ljava/lang/String;I)V
java/util/prefs/AbstractPreferences getInt(Ljava/lang/String;I)I
java/util/prefs/AbstractPreferences putLong(Ljava/lang/String;J)V
java/util/prefs/AbstractPreferences getLong(Ljava/lang/String;J)J
java/util/prefs/AbstractPreferences putBoolean(Ljava/lang/String;Z)V
java/util/prefs/AbstractPreferences getBoolean(Ljava/lang/String;Z)Z
java/util/prefs/AbstractPreferences putFloat(Ljava/lang/String;F)V
java/util/prefs/AbstractPreferences getFloat(Ljava/lang/String;F)F
java/util/prefs/AbstractPreferences putDouble(Ljava/lang/String;D)V
java/util/prefs/AbstractPreferences getDouble(Ljava/lang/String;D)D
java/util/prefs/AbstractPreferences putByteArray(Ljava/lang/String;[B)V
java/util/prefs/AbstractPreferences
getByteArray(Ljava/lang/String;[B)[B
java/util/prefs/AbstractPreferences keys()[Ljava/lang/String;
java/util/prefs/AbstractPreferences childrenNames()[Ljava/lang/String;
java/util/prefs/AbstractPreferences cachedChildren()[Ljava/util/prefs/AbstractPreferences;
java/util/prefs/AbstractPreferences parent()Ljava/util/prefs/Preferences;
java/util/prefs/AbstractPreferences node(Ljava/lang/String;)Ljava/util/prefs/Preferences;
java/util/prefs/AbstractPreferences node(Ljava/util/StringTokenizer;)Ljava/util/prefs/Preferences;
java/util/prefs/AbstractPreferences nodeExists(Ljava/lang/String;)Z
java/util/prefs/AbstractPreferences nodeExists(Ljava/util/StringTokenizer;)Z
java/util/prefs/AbstractPreferences removeNode()V
java/util/prefs/AbstractPreferences removeNode2()V
java/util/prefs/AbstractPreferences name()Ljava/lang/String;
java/util/prefs/AbstractPreferences absolutePath()Ljava/lang/String;
java/util/prefs/AbstractPreferences isUserNode()Z
java/util/prefs/AbstractPreferences addPreferenceChangeListener(Ljava/util/prefs/PreferenceChangeListener;)V
java/util/prefs/AbstractPreferences
removePreferenceChangeListener(Ljava/util/prefs/PreferenceChangeListener;)V
java/util/prefs/AbstractPreferences addNodeChangeListener(Ljava/util/prefs/NodeChangeListener;)V
java/util/prefs/AbstractPreferences removeNodeChangeListener(Ljava/util/prefs/NodeChangeListener;)V
java/util/prefs/AbstractPreferences putSpi(Ljava/lang/String;Ljava/lang/String;)V
java/util/prefs/AbstractPreferences getSpi(Ljava/lang/String;)Ljava/lang/String;
java/util/prefs/AbstractPreferences removeSpi(Ljava/lang/String;)V
java/util/prefs/AbstractPreferences removeNodeSpi()V
java/util/prefs/AbstractPreferences keysSpi()[Ljava/lang/String;
java/util/prefs/AbstractPreferences childrenNamesSpi()[Ljava/lang/String;
java/util/prefs/AbstractPreferences getChild(Ljava/lang/String;)Ljava/util/prefs/AbstractPreferences;
java/util/prefs/AbstractPreferences childSpi(Ljava/lang/String;)Ljava/util/prefs/AbstractPreferences;
java/util/prefs/AbstractPreferences

toString()Ljava/lang/String;
java/util/prefs/AbstractPreferences sync()V
java/util/prefs/AbstractPreferences sync2()V
java/util/prefs/AbstractPreferences syncSpi()V
java/util/prefs/AbstractPreferences flush()V
java/util/prefs/AbstractPreferences flush2()V
java/util/prefs/AbstractPreferences flushSpi()V
java/util/prefs/AbstractPreferences isRemoved()Z
java/util/prefs/AbstractPreferences startEventDispatchThreadIfNecessary()V
java/util/prefs/AbstractPreferences prefListeners()[Ljava/util/prefs/PreferenceChangeListener;
java/util/prefs/AbstractPreferences nodeListeners()[Ljava/util/prefs/NodeChangeListener;
java/util/prefs/AbstractPreferences enqueuePreferenceChangeEvent(Ljava/lang/String;Ljava/lang/String;)V
java/util/prefs/AbstractPreferences enqueueNodeAddedEvent(Ljava/util/prefs/Preferences;)V
java/util/prefs/AbstractPreferences enqueueNodeRemovedEvent(Ljava/util/prefs/Preferences;)V
java/util/prefs/AbstractPreferences exportNode(Ljava/io/OutputStream;)V
java/util/prefs/AbstractPreferences
exportSubtree(Ljava/io/OutputStream;)V
java/util/prefs/AbstractPreferences
access$000(Ljava/util/prefs/AbstractPreferences;)Ljava/util/prefs/AbstractPreferences;
java/util/prefs/AbstractPreferences access$100()Ljava/util/List;
java/util/prefs/AbstractPreferences <clinit>()V
class java/util/prefs/BackingStoreException java/lang/Exception
java/util/prefs/BackingStoreException serialVersionUID
java/util/prefs/BackingStoreException <init>(Ljava/lang/String;)V
java/util/prefs/BackingStoreException <init>(Ljava/lang/Throwable;)V
class java/util/prefs/Base64 java/lang/Object
java/util/prefs/Base64 intToBase64
java/util/prefs/Base64 intToAltBase64
java/util/prefs/Base64 base64ToInt
java/util/prefs/Base64 altBase64ToInt
java/util/prefs/Base64 <init>()V
java/util/prefs/Base64 byteArrayToBase64([B)Ljava/lang/String;
java/util/prefs/Base64 byteArrayToAltBase64([B)Ljava/lang/String;
java/util/prefs/Base64 byteArrayToBase64([BZ)Ljava/lang/String;
java/util/prefs/Base64
base64ToByteArray(Ljava/lang/String;)[B
java/util/prefs/Base64 altBase64ToByteArray(Ljava/lang/String;)[B
java/util/prefs/Base64 base64ToByteArray(Ljava/lang/String;Z)[B
java/util/prefs/Base64 base64toInt(C[B)I
java/util/prefs/Base64 main([Ljava/lang/String;)V
java/util/prefs/Base64 <clinit>()V
class java/util/prefs/InvalidPreferencesFormatException java/lang/Exception
java/util/prefs/InvalidPreferencesFormatException serialVersionUID
java/util/prefs/InvalidPreferencesFormatException <init>(Ljava/lang/Throwable;)V
java/util/prefs/InvalidPreferencesFormatException <init>(Ljava/lang/String;)V
java/util/prefs/InvalidPreferencesFormatException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
class java/util/prefs/NodeChangeEvent java/util/EventObject
java/util/prefs/NodeChangeEvent child

java/util/prefs/NodeChangeEvent serialVersionUID
java/util/prefs/NodeChangeEvent <init>(Ljava/util/prefs/Preferences;Ljava/util/prefs/Preferences;)V
java/util/prefs/NodeChangeEvent getParent()Ljava/util/prefs/Preferences;
java/util/prefs/NodeChangeEvent
 getChild()Ljava/util/prefs/Preferences;
java/util/prefs/NodeChangeEvent writeObject(Ljava/io/ObjectOutputStream;)V
java/util/prefs/NodeChangeEvent readObject(Ljava/io/ObjectInputStream;)V
class java/util/prefs/NodeChangeListener java/lang/Object
java/util/prefs/NodeChangeListener childAdded(Ljava/util/prefs/NodeChangeEvent;)V
java/util/prefs/NodeChangeListener childRemoved(Ljava/util/prefs/NodeChangeEvent;)V
class java/util/prefs/PreferenceChangeEvent java/util/EventObject
java/util/prefs/PreferenceChangeEvent key
java/util/prefs/PreferenceChangeEvent newValue
java/util/prefs/PreferenceChangeEvent serialVersionUID
java/util/prefs/PreferenceChangeEvent <init>(Ljava/util/prefs/Preferences;Ljava/lang/String;Ljava/lang/String;)V
java/util/prefs/PreferenceChangeEvent getNode()Ljava/util/prefs/Preferences;
java/util/prefs/PreferenceChangeEvent getKey()Ljava/lang/String;
java/util/prefs/PreferenceChangeEvent getNewValue()Ljava/lang/String;
java/util/prefs/PreferenceChangeEvent
 writeObject(Ljava/io/ObjectOutputStream;)V
java/util/prefs/PreferenceChangeEvent readObject(Ljava/io/ObjectInputStream;)V
class java/util/prefs/PreferenceChangeListener java/lang/Object
java/util/prefs/PreferenceChangeListener preferenceChange(Ljava/util/prefs/PreferenceChangeEvent;)V
class java/util/prefs/Preferences$1 java/lang/Object
java/util/prefs/Preferences$1 <init>()V
java/util/prefs/Preferences$1 run()Ljava/lang/String;
java/util/prefs/Preferences$1 run()Ljava/lang/Object;
class java/util/prefs/Preferences$2 java/lang/Object
java/util/prefs/Preferences$2 <init>()V
java/util/prefs/Preferences$2 run()Ljava/util/prefs/PreferencesFactory;
java/util/prefs/Preferences$2 run()Ljava/lang/Object;
class java/util/prefs/Preferences java/lang/Object
java/util/prefs/Preferences factory
java/util/prefs/Preferences MAX_KEY_LENGTH
java/util/prefs/Preferences MAX_VALUE_LENGTH
java/util/prefs/Preferences MAX_NAME_LENGTH
java/util/prefs/Preferences prefsPerm
java/util/prefs/Preferences
 factory()Ljava/util/prefs/PreferencesFactory;
java/util/prefs/Preferences factory1()Ljava/util/prefs/PreferencesFactory;
java/util/prefs/Preferences userNodeForPackage(Ljava/lang/Class;)Ljava/util/prefs/Preferences;
java/util/prefs/Preferences systemNodeForPackage(Ljava/lang/Class;)Ljava/util/prefs/Preferences;
java/util/prefs/Preferences nodeName(Ljava/lang/Class;)Ljava/lang/String;
java/util/prefs/Preferences userRoot()Ljava/util/prefs/Preferences;
java/util/prefs/Preferences systemRoot()Ljava/util/prefs/Preferences;
java/util/prefs/Preferences <init>()V
java/util/prefs/Preferences put(Ljava/lang/String;Ljava/lang/String;)V
java/util/prefs/Preferences get(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;

java/util/prefs/Preferences remove(Ljava/lang/String;)V
java/util/prefs/Preferences clear()V
java/util/prefs/Preferences putInt(Ljava/lang/String;I)V
java/util/prefs/Preferences getInt(Ljava/lang/String;I)I
java/util/prefs/Preferences putLong(Ljava/lang/String;J)V
java/util/prefs/Preferences
 getLong(Ljava/lang/String;J)J
java/util/prefs/Preferences putBoolean(Ljava/lang/String;Z)V
java/util/prefs/Preferences getBoolean(Ljava/lang/String;Z)Z
java/util/prefs/Preferences putFloat(Ljava/lang/String;F)V
java/util/prefs/Preferences getFloat(Ljava/lang/String;F)F
java/util/prefs/Preferences putDouble(Ljava/lang/String;D)V
java/util/prefs/Preferences getDouble(Ljava/lang/String;D)D
java/util/prefs/Preferences putByteArray(Ljava/lang/String;[B)V
java/util/prefs/Preferences getByteArray(Ljava/lang/String;[B)[B
java/util/prefs/Preferences keys()[Ljava/lang/String;
java/util/prefs/Preferences childrenNames()[Ljava/lang/String;
java/util/prefs/Preferences parent()Ljava/util/prefs/Preferences;
java/util/prefs/Preferences node(Ljava/lang/String;)Ljava/util/prefs/Preferences;
java/util/prefs/Preferences nodeExists(Ljava/lang/String;)Z
java/util/prefs/Preferences removeNode()V
java/util/prefs/Preferences name()Ljava/lang/String;
java/util/prefs/Preferences
 absolutePath()Ljava/lang/String;
java/util/prefs/Preferences isUserNode()Z
java/util/prefs/Preferences toString()Ljava/lang/String;
java/util/prefs/Preferences flush()V
java/util/prefs/Preferences sync()V
java/util/prefs/Preferences addPreferenceChangeListener(Ljava/util/prefs/PreferenceChangeListener;)V
java/util/prefs/Preferences removePreferenceChangeListener(Ljava/util/prefs/PreferenceChangeListener;)V
java/util/prefs/Preferences addNodeChangeListener(Ljava/util/prefs/NodeChangeListener;)V
java/util/prefs/Preferences removeNodeChangeListener(Ljava/util/prefs/NodeChangeListener;)V
java/util/prefs/Preferences exportNode(Ljava/io/OutputStream;)V
java/util/prefs/Preferences exportSubtree(Ljava/io/OutputStream;)V
java/util/prefs/Preferences importPreferences(Ljava/io/InputStream;)V
java/util/prefs/Preferences access$000()Ljava/util/prefs/PreferencesFactory;
java/util/prefs/Preferences <clinit>()V
class java/util/prefs/PreferencesFactory java/lang/Object
java/util/prefs/PreferencesFactory
 systemRoot()Ljava/util/prefs/Preferences;
java/util/prefs/PreferencesFactory userRoot()Ljava/util/prefs/Preferences;
class java/util/prefs/WindowsPreferences java/util/prefs/AbstractPreferences
java/util/prefs/WindowsPreferences logger
java/util/prefs/WindowsPreferences WINDOWS_ROOT_PATH
java/util/prefs/WindowsPreferences HKEY_CURRENT_USER
java/util/prefs/WindowsPreferences HKEY_LOCAL_MACHINE
java/util/prefs/WindowsPreferences USER_ROOT_NATIVE_HANDLE
java/util/prefs/WindowsPreferences SYSTEM_ROOT_NATIVE_HANDLE

java/util/prefs/WindowsPreferences MAX_WINDOWS_PATH_LENGTH
java/util/prefs/WindowsPreferences userRoot
java/util/prefs/WindowsPreferences systemRoot
java/util/prefs/WindowsPreferences ERROR_SUCCESS
java/util/prefs/WindowsPreferences ERROR_FILE_NOT_FOUND
java/util/prefs/WindowsPreferences ERROR_ACCESS_DENIED
java/util/prefs/WindowsPreferences NATIVE_HANDLE
java/util/prefs/WindowsPreferences ERROR_CODE
java/util/prefs/WindowsPreferences SUBKEYS_NUMBER
java/util/prefs/WindowsPreferences
VALUES_NUMBER
java/util/prefs/WindowsPreferences MAX_KEY_LENGTH
java/util/prefs/WindowsPreferences MAX_VALUE_NAME_LENGTH
java/util/prefs/WindowsPreferences DISPOSITION
java/util/prefs/WindowsPreferences REG_CREATED_NEW_KEY
java/util/prefs/WindowsPreferences REG_OPENED_EXISTING_KEY
java/util/prefs/WindowsPreferences NULL_NATIVE_HANDLE
java/util/prefs/WindowsPreferences DELETE
java/util/prefs/WindowsPreferences KEY_QUERY_VALUE
java/util/prefs/WindowsPreferences KEY_SET_VALUE
java/util/prefs/WindowsPreferences KEY_CREATE_SUB_KEY
java/util/prefs/WindowsPreferences KEY_ENUMERATE_SUB_KEYS
java/util/prefs/WindowsPreferences KEY_READ
java/util/prefs/WindowsPreferences KEY_WRITE
java/util/prefs/WindowsPreferences KEY_ALL_ACCESS
java/util/prefs/WindowsPreferences INIT_SLEEP_TIME
java/util/prefs/WindowsPreferences MAX_ATTEMPTS
java/util/prefs/WindowsPreferences isBackingStoreAvailable
java/util/prefs/WindowsPreferences WindowsRegOpenKey(I[BI)[I
java/util/prefs/WindowsPreferences
WindowsRegOpenKey1(I[BI)[I
java/util/prefs/WindowsPreferences WindowsRegCloseKey(I)I
java/util/prefs/WindowsPreferences WindowsRegCreateKeyEx(I[B)[I
java/util/prefs/WindowsPreferences WindowsRegCreateKeyEx1(I[B)[I
java/util/prefs/WindowsPreferences WindowsRegDeleteKey(I[B)I
java/util/prefs/WindowsPreferences WindowsRegFlushKey(I)I
java/util/prefs/WindowsPreferences WindowsRegFlushKey1(I)I
java/util/prefs/WindowsPreferences WindowsRegQueryValueEx(I[B)[B
java/util/prefs/WindowsPreferences WindowsRegSetValueEx(I[B[B)I
java/util/prefs/WindowsPreferences WindowsRegSetValueEx1(I[B[B)I
java/util/prefs/WindowsPreferences WindowsRegDeleteValue(I[B)I
java/util/prefs/WindowsPreferences WindowsRegQueryInfoKey(I)[I
java/util/prefs/WindowsPreferences WindowsRegQueryInfoKey1(I)[I
java/util/prefs/WindowsPreferences WindowsRegEnumKeyEx(III)[B
java/util/prefs/WindowsPreferences WindowsRegEnumKeyEx1(III)[B
java/util/prefs/WindowsPreferences WindowsRegEnumValue(III)[B
java/util/prefs/WindowsPreferences

WindowsRegEnumValue1(III)[B
java/util/prefs/WindowsPreferences <init>(Ljava/util/prefs/WindowsPreferences;Ljava/lang/String;)V
java/util/prefs/WindowsPreferences <init>(I[B)V
java/util/prefs/WindowsPreferences windowsAbsolutePath()[B
java/util/prefs/WindowsPreferences openKey(I)I
java/util/prefs/WindowsPreferences openKey(II)I
java/util/prefs/WindowsPreferences openKey([BII)I
java/util/prefs/WindowsPreferences openKey(I[BII)I
java/util/prefs/WindowsPreferences closeKey(I)V
java/util/prefs/WindowsPreferences putSpi(Ljava/lang/String;Ljava/lang/String;)V
java/util/prefs/WindowsPreferences getSpi(Ljava/lang/String;)Ljava/lang/String;
java/util/prefs/WindowsPreferences removeSpi(Ljava/lang/String;)V
java/util/prefs/WindowsPreferences keysSpi()[Ljava/lang/String;
java/util/prefs/WindowsPreferences childrenNamesSpi()[Ljava/lang/String;
java/util/prefs/WindowsPreferences flush()V
java/util/prefs/WindowsPreferences sync()V
java/util/prefs/WindowsPreferences childSpi(Ljava/lang/String;)Ljava/util/prefs/AbstractPreferences;
java/util/prefs/WindowsPreferences
removeNodeSpi()V
java/util/prefs/WindowsPreferences toJavaName([B)Ljava/lang/String;
java/util/prefs/WindowsPreferences toJavaAlt64Name(Ljava/lang/String;)Ljava/lang/String;
java/util/prefs/WindowsPreferences toWindowsName(Ljava/lang/String;)[B
java/util/prefs/WindowsPreferences toWindowsAlt64Name(Ljava/lang/String;)[B
java/util/prefs/WindowsPreferences toJavaValueString([B)Ljava/lang/String;
java/util/prefs/WindowsPreferences toWindowsValueString(Ljava/lang/String;)[B
java/util/prefs/WindowsPreferences rootNativeHandle()I
java/util/prefs/WindowsPreferences stringToByteArray(Ljava/lang/String;)[B
java/util/prefs/WindowsPreferences byteArrayToString([B)Ljava/lang/String;
java/util/prefs/WindowsPreferences flushSpi()V
java/util/prefs/WindowsPreferences syncSpi()V
java/util/prefs/WindowsPreferences logger()Ljava/util/logging/Logger;
java/util/prefs/WindowsPreferences <clinit>()V
class java/util/prefs/WindowsPreferencesFactory
java/lang/Object
java/util/prefs/WindowsPreferencesFactory <init>()V
java/util/prefs/WindowsPreferencesFactory userRoot()Ljava/util/prefs/Preferences;
java/util/prefs/WindowsPreferencesFactory systemRoot()Ljava/util/prefs/Preferences;
class java/util/prefs/XmlSupport$1 java/lang/Object
class java/util/prefs/XmlSupport$EH java/lang/Object
java/util/prefs/XmlSupport$EH <init>()V
java/util/prefs/XmlSupport$EH error(Lorg/xml/sax/SAXParseException;)V
java/util/prefs/XmlSupport$EH fatalError(Lorg/xml/sax/SAXParseException;)V
java/util/prefs/XmlSupport$EH warning(Lorg/xml/sax/SAXParseException;)V
java/util/prefs/XmlSupport$EH <init>(Ljava/util/prefs/XmlSupport$1;)V
class java/util/prefs/XmlSupport$Resolver java/lang/Object
java/util/prefs/XmlSupport$Resolver <init>()V
java/util/prefs/XmlSupport$Resolver resolveEntity(Ljava/lang/String;Ljava/lang/String;)Lorg/xml/sax/InputSource;
java/util/prefs/XmlSupport$Resolver <init>(Ljava/util/prefs/XmlSupport$1;)V

class java/util/prefs/XmlSupport
 java/lang/Object
java/util/prefs/XmlSupport PREFS_DTD_URI
java/util/prefs/XmlSupport PREFS_DTD
java/util/prefs/XmlSupport EXTERNAL_XML_VERSION
java/util/prefs/XmlSupport MAP_XML_VERSION
java/util/prefs/XmlSupport <init>()V
java/util/prefs/XmlSupport export(Ljava/io/OutputStream;Ljava/util/prefs/Preferences;Z)V
java/util/prefs/XmlSupport
putPreferencesInXml(Lorg/w3c/dom/Element;Lorg/w3c/dom/Document;Ljava/util/prefs/Preferences;Z)V
java/util/prefs/XmlSupport importPreferences(Ljava/io/InputStream;)V
java/util/prefs/XmlSupport createPrefsDoc(Ljava/lang/String;)Lorg/w3c/dom/Document;
java/util/prefs/XmlSupport loadPrefsDoc(Ljava/io/InputStream;)Lorg/w3c/dom/Document;
java/util/prefs/XmlSupport writeDoc(Lorg/w3c/dom/Document;Ljava/io/OutputStream;)V
java/util/prefs/XmlSupport ImportSubtree(Ljava/util/prefs/Preferences;Lorg/w3c/dom/Element;)V
java/util/prefs/XmlSupport ImportPrefs(Ljava/util/prefs/Preferences;Lorg/w3c/dom/Element;)V
java/util/prefs/XmlSupport exportMap(Ljava/io/OutputStream;Ljava/util/Map;)V
java/util/prefs/XmlSupport
 importMap(Ljava/io/InputStream;Ljava/util/Map;)V
class java/util/regex/Pattern$Add java/util/regex/Pattern$Node
java/util/regex/Pattern$Add lhs
java/util/regex/Pattern$Add rhs
java/util/regex/Pattern$Add <init>(Ljava/util/regex/Pattern$Node;Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$Add match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Add study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$BackRef java/util/regex/Pattern$Node
java/util/regex/Pattern$BackRef groupIndex
java/util/regex/Pattern$BackRef <init>(I)V
java/util/regex/Pattern$BackRef match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$BackRef study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Behind java/util/regex/Pattern$Node
java/util/regex/Pattern$Behind cond
java/util/regex/Pattern$Behind rmax
java/util/regex/Pattern$Behind rmin
java/util/regex/Pattern$Behind
 <init>(Ljava/util/regex/Pattern$Node;II)V
java/util/regex/Pattern$Behind match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$BehindS java/util/regex/Pattern$Behind
java/util/regex/Pattern$BehindS <init>(Ljava/util/regex/Pattern$Node;II)V
java/util/regex/Pattern$BehindS match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$BnM java/util/regex/Pattern$Node
java/util/regex/Pattern$BnM buffer
java/util/regex/Pattern$BnM lastOcc
java/util/regex/Pattern$BnM optoSft
java/util/regex/Pattern$BnM optimize(Ljava/util/regex/Pattern$Node;)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$BnM <init>([I[I[ILjava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$BnM match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$BnM study(Ljava/util/regex/Pattern$TreeInfo;)Z

class java/util/regex/Pattern$BnMS java/util/regex/Pattern$BnM
java/util/regex/Pattern$BnMS lengthInChars
java/util/regex/Pattern$BnMS
<init>([I[I[ILjava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$BnMS match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Both java/util/regex/Pattern$Node
java/util/regex/Pattern$Both lhs
java/util/regex/Pattern$Both rhs
java/util/regex/Pattern$Both <init>(Ljava/util/regex/Pattern$Node;Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$Both match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Both study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Bound java/util/regex/Pattern$Node
java/util/regex/Pattern$Bound LEFT
java/util/regex/Pattern$Bound RIGHT
java/util/regex/Pattern$Bound BOTH
java/util/regex/Pattern$Bound NONE
java/util/regex/Pattern$Bound type
java/util/regex/Pattern$Bound <init>(I)V
java/util/regex/Pattern$Bound check(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)I
java/util/regex/Pattern$Bound match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Bound
<clinit>()V
class java/util/regex/Pattern$CIBackRef java/util/regex/Pattern$Node
java/util/regex/Pattern$CIBackRef groupIndex
java/util/regex/Pattern$CIBackRef <init>(I)V
java/util/regex/Pattern$CIBackRef match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$CIBackRef study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$CINotRange java/util/regex/Pattern$NotRange
java/util/regex/Pattern$CINotRange lower
java/util/regex/Pattern$CINotRange upper
java/util/regex/Pattern$CINotRange <init>(I)V
java/util/regex/Pattern$CINotRange <init>(II)V
java/util/regex/Pattern$CINotRange dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$CINotRange match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$CIRange java/util/regex/Pattern$Range
java/util/regex/Pattern$CIRange <init>(I)V
java/util/regex/Pattern$CIRange <init>(II)V
java/util/regex/Pattern$CIRange dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$CIRange
match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Caret java/util/regex/Pattern$Node
java/util/regex/Pattern$Caret <init>()V
java/util/regex/Pattern$Caret match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Conditional java/util/regex/Pattern$Node
java/util/regex/Pattern$Conditional cond
java/util/regex/Pattern$Conditional yes
java/util/regex/Pattern$Conditional not
java/util/regex/Pattern$Conditional

<init>(Ljava/util/regex/Pattern$Node;Ljava/util/regex/Pattern$Node;Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$Conditional match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Conditional study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Dollar java/util/regex/Pattern$Node
java/util/regex/Pattern$Dollar multiline
java/util/regex/Pattern$Dollar <init>(Z)V
java/util/regex/Pattern$Dollar match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Dollar
study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Dot java/util/regex/Pattern$Node
java/util/regex/Pattern$Dot <init>()V
java/util/regex/Pattern$Dot match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Dot study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$End java/util/regex/Pattern$Node
java/util/regex/Pattern$End <init>()V
java/util/regex/Pattern$End match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$GroupRef java/util/regex/Pattern$Node
java/util/regex/Pattern$GroupRef head
java/util/regex/Pattern$GroupRef <init>(Ljava/util/regex/Pattern$GroupHead;)V
java/util/regex/Pattern$GroupRef match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$GroupRef study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$LastMatch java/util/regex/Pattern$Node
java/util/regex/Pattern$LastMatch
<init>()V
java/util/regex/Pattern$LastMatch match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$LazyLoop java/util/regex/Pattern$Loop
java/util/regex/Pattern$LazyLoop <init>(II)V
java/util/regex/Pattern$LazyLoop match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$LazyLoop matchInit(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$LazyLoop study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Loop java/util/regex/Pattern$Node
java/util/regex/Pattern$Loop body
java/util/regex/Pattern$Loop countIndex
java/util/regex/Pattern$Loop beginIndex
java/util/regex/Pattern$Loop cmin
java/util/regex/Pattern$Loop cmax
java/util/regex/Pattern$Loop <init>(II)V
java/util/regex/Pattern$Loop match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Loop matchInit(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Loop study(Ljava/util/regex/Pattern$TreeInfo;)Z
class
java/util/regex/Pattern$Neg java/util/regex/Pattern$Node
java/util/regex/Pattern$Neg cond
java/util/regex/Pattern$Neg <init>(Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$Neg match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Not java/util/regex/Pattern$Node
java/util/regex/Pattern$Not atom
java/util/regex/Pattern$Not <init>(Ljava/util/regex/Pattern$Node;)V

java/util/regex/Pattern$Not match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Not study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$NotBehind java/util/regex/Pattern$Node
java/util/regex/Pattern$NotBehind cond
java/util/regex/Pattern$NotBehind rmax
java/util/regex/Pattern$NotBehind rmin
java/util/regex/Pattern$NotBehind <init>(Ljava/util/regex/Pattern$Node;II)V
java/util/regex/Pattern$NotBehind match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$NotBehindS java/util/regex/Pattern$NotBehind
java/util/regex/Pattern$NotBehindS
 <init>(Ljava/util/regex/Pattern$Node;II)V
java/util/regex/Pattern$NotBehindS match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$NotCtype java/util/regex/Pattern$Node
java/util/regex/Pattern$NotCtype ctype
java/util/regex/Pattern$NotCtype <init>(I)V
java/util/regex/Pattern$NotCtype dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$NotCtype match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$NotCtype study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$NotRange java/util/regex/Pattern$Node
java/util/regex/Pattern$NotRange lower
java/util/regex/Pattern$NotRange upper
java/util/regex/Pattern$NotRange <init>()V
java/util/regex/Pattern$NotRange <init>(I)V
java/util/regex/Pattern$NotRange <init>(II)V
java/util/regex/Pattern$NotRange dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$NotRange match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$NotRange
 study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$NotSingle java/util/regex/Pattern$Node
java/util/regex/Pattern$NotSingle ch
java/util/regex/Pattern$NotSingle <init>(I)V
java/util/regex/Pattern$NotSingle dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$NotSingle match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$NotSingle study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$NotSingleA java/util/regex/Pattern$Node
java/util/regex/Pattern$NotSingleA ch
java/util/regex/Pattern$NotSingleA <init>(I)V
java/util/regex/Pattern$NotSingleA dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$NotSingleA match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$NotSingleA study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$NotSingleU java/util/regex/Pattern$Node
java/util/regex/Pattern$NotSingleU ch
java/util/regex/Pattern$NotSingleU
 <init>(I)V
java/util/regex/Pattern$NotSingleU dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$NotSingleU match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$NotSingleU study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Pos java/util/regex/Pattern$Node

java/util/regex/Pattern$Pos cond
java/util/regex/Pattern$Pos <init>(Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$Pos match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Prolog java/util/regex/Pattern$Node
java/util/regex/Pattern$Prolog loop
java/util/regex/Pattern$Prolog <init>(Ljava/util/regex/Pattern$Loop;)V
java/util/regex/Pattern$Prolog match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Prolog study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$SingleA java/util/regex/Pattern$Node
java/util/regex/Pattern$SingleA ch
java/util/regex/Pattern$SingleA
<init>(I)V
java/util/regex/Pattern$SingleA dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$SingleA match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$SingleA study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$SingleU java/util/regex/Pattern$Node
java/util/regex/Pattern$SingleU ch
java/util/regex/Pattern$SingleU len
java/util/regex/Pattern$SingleU <init>(I)V
java/util/regex/Pattern$SingleU dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$SingleU match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$SingleU study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$SliceA java/util/regex/Pattern$Node
java/util/regex/Pattern$SliceA buffer
java/util/regex/Pattern$SliceA <init>([I)V
java/util/regex/Pattern$SliceA match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$SliceA study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$SliceS
java/util/regex/Pattern$Slice
java/util/regex/Pattern$SliceS <init>([I)V
java/util/regex/Pattern$SliceS match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$SliceU java/util/regex/Pattern$Node
java/util/regex/Pattern$SliceU buffer
java/util/regex/Pattern$SliceU <init>([I)V
java/util/regex/Pattern$SliceU match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$SliceU study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Specials java/util/regex/Pattern$Node
java/util/regex/Pattern$Specials <init>()V
java/util/regex/Pattern$Specials dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$Specials match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Specials study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$StartS java/util/regex/Pattern$Start
java/util/regex/Pattern$StartS <init>(Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$StartS
match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Sub java/util/regex/Pattern$Add
java/util/regex/Pattern$Sub <init>(Ljava/util/regex/Pattern$Node;Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$Sub match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z

java/util/regex/Pattern$Sub study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$UBlock java/util/regex/Pattern$Node
java/util/regex/Pattern$UBlock block
java/util/regex/Pattern$UBlock complementMe
java/util/regex/Pattern$UBlock <init>()V
java/util/regex/Pattern$UBlock <init>(Ljava/lang/Character$UnicodeBlock;Z)V
java/util/regex/Pattern$UBlock dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$UBlock match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$UBlock notMatch(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$UBlock study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$UnixCaret
 java/util/regex/Pattern$Node
java/util/regex/Pattern$UnixCaret <init>()V
java/util/regex/Pattern$UnixCaret match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$UnixDollar java/util/regex/Pattern$Node
java/util/regex/Pattern$UnixDollar multiline
java/util/regex/Pattern$UnixDollar <init>(Z)V
java/util/regex/Pattern$UnixDollar match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$UnixDollar study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$UnixDot java/util/regex/Pattern$Node
java/util/regex/Pattern$UnixDot <init>()V
java/util/regex/Pattern$UnixDot match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$UnixDot study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/PatternSyntaxException java/lang/IllegalArgumentException
java/util/regex/PatternSyntaxException desc
java/util/regex/PatternSyntaxException pattern
java/util/regex/PatternSyntaxException
 index
java/util/regex/PatternSyntaxException nl
java/util/regex/PatternSyntaxException <init>(Ljava/lang/String;Ljava/lang/String;I)V
java/util/regex/PatternSyntaxException getIndex()I
java/util/regex/PatternSyntaxException getDescription()Ljava/lang/String;
java/util/regex/PatternSyntaxException getPattern()Ljava/lang/String;
java/util/regex/PatternSyntaxException getMessage()Ljava/lang/String;
java/util/regex/PatternSyntaxException <clinit>()V
class java/util/zip/Adler32 java/lang/Object
java/util/zip/Adler32 adler
java/util/zip/Adler32 <init>()V
java/util/zip/Adler32 update(I)V
java/util/zip/Adler32 update([BII)V
java/util/zip/Adler32 update([B)V
java/util/zip/Adler32 reset()V
java/util/zip/Adler32 getValue()J
java/util/zip/Adler32 update(II)I
java/util/zip/Adler32 updateBytes(I[BII)I
class java/util/zip/CheckedInputStream java/io/FilterInputStream
java/util/zip/CheckedInputStream cksum
java/util/zip/CheckedInputStream <init>(Ljava/io/InputStream;Ljava/util/zip/Checksum;)V

java/util/zip/CheckedInputStream
read()I
java/util/zip/CheckedInputStream read([BII)I
java/util/zip/CheckedInputStream skip(J)J
java/util/zip/CheckedInputStream getChecksum()Ljava/util/zip/Checksum;
class java/util/zip/CheckedOutputStream java/io/FilterOutputStream
java/util/zip/CheckedOutputStream cksum
java/util/zip/CheckedOutputStream <init>(Ljava/io/OutputStream;Ljava/util/zip/Checksum;)V
java/util/zip/CheckedOutputStream write(I)V
java/util/zip/CheckedOutputStream write([BII)V
java/util/zip/CheckedOutputStream getChecksum()Ljava/util/zip/Checksum;
class java/util/zip/DataFormatException java/lang/Exception
java/util/zip/DataFormatException <init>()V
java/util/zip/DataFormatException <init>(Ljava/lang/String;)V
class java/util/zip/Deflater java/lang/Object
java/util/zip/Deflater strm
java/util/zip/Deflater buf
java/util/zip/Deflater off
java/util/zip/Deflater len
java/util/zip/Deflater level
java/util/zip/Deflater strategy
java/util/zip/Deflater setParams
java/util/zip/Deflater finish
java/util/zip/Deflater
finished
java/util/zip/Deflater DEFLATED
java/util/zip/Deflater NO_COMPRESSION
java/util/zip/Deflater BEST_SPEED
java/util/zip/Deflater BEST_COMPRESSION
java/util/zip/Deflater DEFAULT_COMPRESSION
java/util/zip/Deflater FILTERED
java/util/zip/Deflater HUFFMAN_ONLY
java/util/zip/Deflater DEFAULT_STRATEGY
java/util/zip/Deflater <init>(IZ)V
java/util/zip/Deflater <init>(I)V
java/util/zip/Deflater <init>()V
java/util/zip/Deflater setInput([BII)V
java/util/zip/Deflater setInput([B)V
java/util/zip/Deflater setDictionary([BII)V
java/util/zip/Deflater setDictionary([B)V
java/util/zip/Deflater setStrategy(I)V
java/util/zip/Deflater setLevel(I)V
java/util/zip/Deflater needsInput()Z
java/util/zip/Deflater finish()V
java/util/zip/Deflater finished()Z
java/util/zip/Deflater deflate([BII)I
java/util/zip/Deflater deflate([B)I
java/util/zip/Deflater getAdler()I

java/util/zip/Deflater getTotalIn()I
java/util/zip/Deflater getBytesRead()J
java/util/zip/Deflater getTotalOut()I
java/util/zip/Deflater
getBytesWritten()J
java/util/zip/Deflater reset()V
java/util/zip/Deflater end()V
java/util/zip/Deflater finalize()V
java/util/zip/Deflater ensureOpen()V
java/util/zip/Deflater initIDs()V
java/util/zip/Deflater init(IIZ)J
java/util/zip/Deflater setDictionary(J[BII)V
java/util/zip/Deflater deflateBytes([BII)I
java/util/zip/Deflater getAdler(J)I
java/util/zip/Deflater getBytesRead(J)J
java/util/zip/Deflater getBytesWritten(J)J
java/util/zip/Deflater reset(J)V
java/util/zip/Deflater end(J)V
java/util/zip/Deflater <clinit>()V
class java/util/zip/GZIPOutputStream java/util/zip/DeflaterOutputStream
java/util/zip/GZIPOutputStream crc
java/util/zip/GZIPOutputStream GZIP_MAGIC
java/util/zip/GZIPOutputStream TRAILER_SIZE
java/util/zip/GZIPOutputStream header
java/util/zip/GZIPOutputStream <init>(Ljava/io/OutputStream;I)V
java/util/zip/GZIPOutputStream <init>(Ljava/io/OutputStream;)V
java/util/zip/GZIPOutputStream write([BII)V
java/util/zip/GZIPOutputStream finish()V
java/util/zip/GZIPOutputStream
writeHeader()V
java/util/zip/GZIPOutputStream writeTrailer([BI)V
java/util/zip/GZIPOutputStream writeInt(I[BI)V
java/util/zip/GZIPOutputStream writeShort(I[BI)V
java/util/zip/GZIPOutputStream <clinit>()V
class java/util/zip/ZipFile$1 java/lang/Object
java/util/zip/ZipFile$1 <init>()V
java/util/zip/ZipFile$1 run()Ljava/lang/Object;
class java/util/zip/ZipFile$MappedZipFileInputStream java/util/zip/ZipFile$ZipFileInputStream
java/util/zip/ZipFile$MappedZipFileInputStream directBuffer
java/util/zip/ZipFile$MappedZipFileInputStream name
java/util/zip/ZipFile$MappedZipFileInputStream this$0
java/util/zip/ZipFile$MappedZipFileInputStream <init>(Ljava/util/zip/ZipFile;JLjava/lang/String;)V
java/util/zip/ZipFile$MappedZipFileInputStream getByteBuffer()Ljava/nio/ByteBuffer;
java/util/zip/ZipFile$MappedZipFileInputStream read([BII)I
java/util/zip/ZipFile$MappedZipFileInputStream read()I
java/util/zip/ZipFile$MappedZipFileInputStream skip(J)J
java/util/zip/ZipFile$MappedZipFileInputStream

available()I
java/util/zip/ZipFile$MappedZipFileInputStream size()J
java/util/zip/ZipFile$MappedZipFileInputStream close()V
class java/util/zip/ZipFile$ZipCloser java/lang/Object
java/util/zip/ZipFile$ZipCloser mappedFileID
java/util/zip/ZipFile$ZipCloser <init>(J)V
java/util/zip/ZipFile$ZipCloser setClosed()V
java/util/zip/ZipFile$ZipCloser run()V
java/util/zip/ZipFile$ZipCloser <init>(JLjava/util/zip/ZipFile$1;)V
class java/util/zip/ZipOutputStream java/util/zip/DeflaterOutputStream
java/util/zip/ZipOutputStream entry
java/util/zip/ZipOutputStream entries
java/util/zip/ZipOutputStream names
java/util/zip/ZipOutputStream crc
java/util/zip/ZipOutputStream written
java/util/zip/ZipOutputStream locoff
java/util/zip/ZipOutputStream comment
java/util/zip/ZipOutputStream method
java/util/zip/ZipOutputStream finished
java/util/zip/ZipOutputStream closed
java/util/zip/ZipOutputStream STORED
java/util/zip/ZipOutputStream DEFLATED
java/util/zip/ZipOutputStream ensureOpen()V
java/util/zip/ZipOutputStream
<init>(Ljava/io/OutputStream;)V
java/util/zip/ZipOutputStream setComment(Ljava/lang/String;)V
java/util/zip/ZipOutputStream setMethod(I)V
java/util/zip/ZipOutputStream setLevel(I)V
java/util/zip/ZipOutputStream putNextEntry(Ljava/util/zip/ZipEntry;)V
java/util/zip/ZipOutputStream closeEntry()V
java/util/zip/ZipOutputStream write([BII)V
java/util/zip/ZipOutputStream finish()V
java/util/zip/ZipOutputStream close()V
java/util/zip/ZipOutputStream writeLOC(Ljava/util/zip/ZipEntry;)V
java/util/zip/ZipOutputStream writeEXT(Ljava/util/zip/ZipEntry;)V
java/util/zip/ZipOutputStream writeCEN(Ljava/util/zip/ZipEntry;)V
java/util/zip/ZipOutputStream writeEND(JJ)V
java/util/zip/ZipOutputStream writeShort(I)V
java/util/zip/ZipOutputStream writeInt(J)V
java/util/zip/ZipOutputStream writeBytes([BII)V
java/util/zip/ZipOutputStream getUTF8Length(Ljava/lang/String;)I
java/util/zip/ZipOutputStream getUTF8Bytes(Ljava/lang/String;)[B
class java/lang/Thread$1 java/lang/Object
java/lang/Thread$1
val$subcl
java/lang/Thread$1 <init>(Ljava/lang/Class;)V
java/lang/Thread$1 run()Ljava/lang/Object;
class java/security/DomainCombiner java/lang/Object

java/security/DomainCombiner
combine([Ljava/security/ProtectionDomain;[Ljava/security/ProtectionDomain;)[Ljava/security/ProtectionDomain;
class java/lang/ClassLoader$1 java/lang/Object
java/lang/ClassLoader$1 val$sm
java/lang/ClassLoader$1 val$name
java/lang/ClassLoader$1 val$i
java/lang/ClassLoader$1 this$0
java/lang/ClassLoader$1 <init>(Ljava/lang/ClassLoader;Ljava/lang/SecurityManager;Ljava/lang/String;I)V
java/lang/ClassLoader$1 run()Ljava/lang/Object;
class java/lang/System$1 java/lang/Object
java/lang/System$1 val$s
java/lang/System$1 <init>(Ljava/lang/SecurityManager;)V
java/lang/System$1 run()Ljava/lang/Object;
class java/lang/SecurityManager$1 java/lang/Object
java/lang/SecurityManager$1 this$0
java/lang/SecurityManager$1 <init>(Ljava/lang/SecurityManager;)V
java/lang/SecurityManager$1 run()Ljava/lang/Object;
class java/util/WeakHashMap$KeyIterator
 java/util/WeakHashMap$HashIterator
java/util/WeakHashMap$KeyIterator this$0
java/util/WeakHashMap$KeyIterator <init>(Ljava/util/WeakHashMap;)V
java/util/WeakHashMap$KeyIterator next()Ljava/lang/Object;
java/util/WeakHashMap$KeyIterator <init>(Ljava/util/WeakHashMap;Ljava/util/WeakHashMap$1;)V
class java/util/WeakHashMap$KeySet java/util/AbstractSet
java/util/WeakHashMap$KeySet this$0
java/util/WeakHashMap$KeySet <init>(Ljava/util/WeakHashMap;)V
java/util/WeakHashMap$KeySet iterator()Ljava/util/Iterator;
java/util/WeakHashMap$KeySet size()I
java/util/WeakHashMap$KeySet contains(Ljava/lang/Object;)Z
java/util/WeakHashMap$KeySet remove(Ljava/lang/Object;)Z
java/util/WeakHashMap$KeySet clear()V
java/util/WeakHashMap$KeySet toArray()[Ljava/lang/Object;
java/util/WeakHashMap$KeySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/WeakHashMap$KeySet <init>(Ljava/util/WeakHashMap;Ljava/util/WeakHashMap$1;)V
class java/awt/AWTError java/lang/Error
java/awt/AWTError
 serialVersionUID
java/awt/AWTError <init>(Ljava/lang/String;)V
class java/awt/im/InputMethodHighlight java/lang/Object
java/awt/im/InputMethodHighlight RAW_TEXT
java/awt/im/InputMethodHighlight CONVERTED_TEXT
java/awt/im/InputMethodHighlight UNSELECTED_RAW_TEXT_HIGHLIGHT
java/awt/im/InputMethodHighlight SELECTED_RAW_TEXT_HIGHLIGHT
java/awt/im/InputMethodHighlight UNSELECTED_CONVERTED_TEXT_HIGHLIGHT
java/awt/im/InputMethodHighlight SELECTED_CONVERTED_TEXT_HIGHLIGHT
java/awt/im/InputMethodHighlight selected
java/awt/im/InputMethodHighlight state
java/awt/im/InputMethodHighlight variation

java/awt/im/InputMethodHighlight style
java/awt/im/InputMethodHighlight <init>(ZI)V
java/awt/im/InputMethodHighlight <init>(ZII)V
java/awt/im/InputMethodHighlight <init>(ZIILjava/util/Map;)V
java/awt/im/InputMethodHighlight isSelected()Z
java/awt/im/InputMethodHighlight getState()I
java/awt/im/InputMethodHighlight getVariation()I
java/awt/im/InputMethodHighlight getStyle()Ljava/util/Map;
java/awt/im/InputMethodHighlight
<clinit>()V
class java/awt/datatransfer/Clipboard java/lang/Object
java/awt/datatransfer/Clipboard name
java/awt/datatransfer/Clipboard owner
java/awt/datatransfer/Clipboard contents
java/awt/datatransfer/Clipboard flavorListeners
java/awt/datatransfer/Clipboard currentDataFlavors
java/awt/datatransfer/Clipboard <init>(Ljava/lang/String;)V
java/awt/datatransfer/Clipboard getName()Ljava/lang/String;
java/awt/datatransfer/Clipboard
setContents(Ljava/awt/datatransfer/Transferable;Ljava/awt/datatransfer/ClipboardOwner;)V
java/awt/datatransfer/Clipboard getContents(Ljava/lang/Object;)Ljava/awt/datatransfer/Transferable;
java/awt/datatransfer/Clipboard getAvailableDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/datatransfer/Clipboard isDataFlavorAvailable(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/datatransfer/Clipboard getData(Ljava/awt/datatransfer/DataFlavor;)Ljava/lang/Object;
java/awt/datatransfer/Clipboard addFlavorListener(Ljava/awt/datatransfer/FlavorListener;)V
java/awt/datatransfer/Clipboard
removeFlavorListener(Ljava/awt/datatransfer/FlavorListener;)V
java/awt/datatransfer/Clipboard getFlavorListeners()[Ljava/awt/datatransfer/FlavorListener;
java/awt/datatransfer/Clipboard fireFlavorsChanged()V
java/awt/datatransfer/Clipboard getAvailableDataFlavorSet()Ljava/util/Set;
class java/awt/PrintJob java/lang/Object
java/awt/PrintJob <init>()V
java/awt/PrintJob getGraphics()Ljava/awt/Graphics;
java/awt/PrintJob getPageDimension()Ljava/awt/Dimension;
java/awt/PrintJob getPageResolution()I
java/awt/PrintJob lastPageFirst()Z
java/awt/PrintJob end()V
java/awt/PrintJob finalize()V
class java/awt/PageAttributes java/lang/Object
java/awt/PageAttributes color
java/awt/PageAttributes media
java/awt/PageAttributes orientationRequested
java/awt/PageAttributes origin
java/awt/PageAttributes printQuality
java/awt/PageAttributes printerResolution
java/awt/PageAttributes <init>()V
java/awt/PageAttributes <init>(Ljava/awt/PageAttributes;)V
java/awt/PageAttributes

<init>(Ljava/awt/PageAttributes$ColorType;Ljava/awt/PageAttributes$MediaType;Ljava/awt/PageAttributes$Orien
tationRequestedType;Ljava/awt/PageAttributes$OriginType;Ljava/awt/PageAttributes$PrintQualityType;[I)V
java/awt/PageAttributes clone()Ljava/lang/Object;
java/awt/PageAttributes set(Ljava/awt/PageAttributes;)V
java/awt/PageAttributes getColor()Ljava/awt/PageAttributes$ColorType;
java/awt/PageAttributes setColor(Ljava/awt/PageAttributes$ColorType;)V
java/awt/PageAttributes getMedia()Ljava/awt/PageAttributes$MediaType;
java/awt/PageAttributes setMedia(Ljava/awt/PageAttributes$MediaType;)V
java/awt/PageAttributes setMediaToDefault()V
java/awt/PageAttributes getOrientationRequested()Ljava/awt/PageAttributes$OrientationRequestedType;
java/awt/PageAttributes setOrientationRequested(Ljava/awt/PageAttributes$OrientationRequestedType;)V
java/awt/PageAttributes setOrientationRequested(I)V
java/awt/PageAttributes setOrientationRequestedToDefault()V
java/awt/PageAttributes getOrigin()Ljava/awt/PageAttributes$OriginType;
java/awt/PageAttributes
setOrigin(Ljava/awt/PageAttributes$OriginType;)V
java/awt/PageAttributes getPrintQuality()Ljava/awt/PageAttributes$PrintQualityType;
java/awt/PageAttributes setPrintQuality(Ljava/awt/PageAttributes$PrintQualityType;)V
java/awt/PageAttributes setPrintQuality(I)V
java/awt/PageAttributes setPrintQualityToDefault()V
java/awt/PageAttributes getPrinterResolution()[I
java/awt/PageAttributes setPrinterResolution([I)V
java/awt/PageAttributes setPrinterResolution(I)V
java/awt/PageAttributes setPrinterResolutionToDefault()V
java/awt/PageAttributes equals(Ljava/lang/Object;)Z
java/awt/PageAttributes hashCode()I
java/awt/PageAttributes toString()Ljava/lang/String;
class java/awt/JobAttributes java/lang/Object
java/awt/JobAttributes copies
java/awt/JobAttributes defaultSelection
java/awt/JobAttributes destination
java/awt/JobAttributes dialog
java/awt/JobAttributes fileName
java/awt/JobAttributes fromPage
java/awt/JobAttributes maxPage
java/awt/JobAttributes
minPage
java/awt/JobAttributes multipleDocumentHandling
java/awt/JobAttributes pageRanges
java/awt/JobAttributes prFirst
java/awt/JobAttributes prLast
java/awt/JobAttributes printer
java/awt/JobAttributes sides
java/awt/JobAttributes toPage
java/awt/JobAttributes <init>()V
java/awt/JobAttributes <init>(Ljava/awt/JobAttributes;)V
java/awt/JobAttributes
<init>(ILjava/awt/JobAttributes$DefaultSelectionType;Ljava/awt/JobAttributes$DestinationType;Ljava/awt/JobAttr

ibutes$DialogType;Ljava/lang/String;IILjava/awt/JobAttributes$MultipleDocumentHandlingType;[[ILjava/lang/Stri
ng;Ljava/awt/JobAttributes$SidesType;)V
java/awt/JobAttributes clone()Ljava/lang/Object;
java/awt/JobAttributes set(Ljava/awt/JobAttributes;)V
java/awt/JobAttributes getCopies()I
java/awt/JobAttributes setCopies(I)V
java/awt/JobAttributes setCopiesToDefault()V
java/awt/JobAttributes getDefaultSelection()Ljava/awt/JobAttributes$DefaultSelectionType;
java/awt/JobAttributes setDefaultSelection(Ljava/awt/JobAttributes$DefaultSelectionType;)V
java/awt/JobAttributes
getDestination()Ljava/awt/JobAttributes$DestinationType;
java/awt/JobAttributes setDestination(Ljava/awt/JobAttributes$DestinationType;)V
java/awt/JobAttributes getDialog()Ljava/awt/JobAttributes$DialogType;
java/awt/JobAttributes setDialog(Ljava/awt/JobAttributes$DialogType;)V
java/awt/JobAttributes getFileName()Ljava/lang/String;
java/awt/JobAttributes setFileName(Ljava/lang/String;)V
java/awt/JobAttributes getFromPage()I
java/awt/JobAttributes setFromPage(I)V
java/awt/JobAttributes getMaxPage()I
java/awt/JobAttributes setMaxPage(I)V
java/awt/JobAttributes getMinPage()I
java/awt/JobAttributes setMinPage(I)V
java/awt/JobAttributes getMultipleDocumentHandling()Ljava/awt/JobAttributes$MultipleDocumentHandlingType;
java/awt/JobAttributes
setMultipleDocumentHandling(Ljava/awt/JobAttributes$MultipleDocumentHandlingType;)V
java/awt/JobAttributes setMultipleDocumentHandlingToDefault()V
java/awt/JobAttributes getPageRanges()[[I
java/awt/JobAttributes
setPageRanges([[I)V
java/awt/JobAttributes getPrinter()Ljava/lang/String;
java/awt/JobAttributes setPrinter(Ljava/lang/String;)V
java/awt/JobAttributes getSides()Ljava/awt/JobAttributes$SidesType;
java/awt/JobAttributes setSides(Ljava/awt/JobAttributes$SidesType;)V
java/awt/JobAttributes setSidesToDefault()V
java/awt/JobAttributes getToPage()I
java/awt/JobAttributes setToPage(I)V
java/awt/JobAttributes equals(Ljava/lang/Object;)Z
java/awt/JobAttributes hashCode()I
java/awt/JobAttributes toString()Ljava/lang/String;
class java/awt/dnd/InvalidDnDOperationException java/lang/IllegalStateException
java/awt/dnd/InvalidDnDOperationException dft_msg
java/awt/dnd/InvalidDnDOperationException <init>()V
java/awt/dnd/InvalidDnDOperationException <init>(Ljava/lang/String;)V
java/awt/dnd/InvalidDnDOperationException <clinit>()V
class java/awt/dnd/DragGestureEvent java/util/EventObject
java/awt/dnd/DragGestureEvent serialVersionUID
java/awt/dnd/DragGestureEvent events
java/awt/dnd/DragGestureEvent

dragSource
java/awt/dnd/DragGestureEvent component
java/awt/dnd/DragGestureEvent origin
java/awt/dnd/DragGestureEvent action
java/awt/dnd/DragGestureEvent <init>(Ljava/awt/dnd/DragGestureRecognizer;ILjava/awt/Point;Ljava/util/List;)V
java/awt/dnd/DragGestureEvent getSourceAsDragGestureRecognizer()Ljava/awt/dnd/DragGestureRecognizer;
java/awt/dnd/DragGestureEvent getComponent()Ljava/awt/Component;
java/awt/dnd/DragGestureEvent getDragSource()Ljava/awt/dnd/DragSource;
java/awt/dnd/DragGestureEvent getDragOrigin()Ljava/awt/Point;
java/awt/dnd/DragGestureEvent iterator()Ljava/util/Iterator;
java/awt/dnd/DragGestureEvent toArray()[Ljava/lang/Object;
java/awt/dnd/DragGestureEvent toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/awt/dnd/DragGestureEvent getDragAction()I
java/awt/dnd/DragGestureEvent getTriggerEvent()Ljava/awt/event/InputEvent;
java/awt/dnd/DragGestureEvent startDrag(Ljava/awt/Cursor;Ljava/awt/datatransfer/Transferable;)V
java/awt/dnd/DragGestureEvent
startDrag(Ljava/awt/Cursor;Ljava/awt/datatransfer/Transferable;Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragGestureEvent
startDrag(Ljava/awt/Cursor;Ljava/awt/Image;Ljava/awt/Point;Ljava/awt/datatransfer/Transferable;Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragGestureEvent writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/dnd/DragGestureEvent readObject(Ljava/io/ObjectInputStream;)V
class java/awt/dnd/DragGestureRecognizer java/lang/Object
java/awt/dnd/DragGestureRecognizer serialVersionUID
java/awt/dnd/DragGestureRecognizer dragSource
java/awt/dnd/DragGestureRecognizer component
java/awt/dnd/DragGestureRecognizer dragGestureListener
java/awt/dnd/DragGestureRecognizer sourceActions
java/awt/dnd/DragGestureRecognizer events
java/awt/dnd/DragGestureRecognizer
<init>(Ljava/awt/dnd/DragSource;Ljava/awt/Component;ILjava/awt/dnd/DragGestureListener;)V
java/awt/dnd/DragGestureRecognizer <init>(Ljava/awt/dnd/DragSource;Ljava/awt/Component;I)V
java/awt/dnd/DragGestureRecognizer
<init>(Ljava/awt/dnd/DragSource;Ljava/awt/Component;)V
java/awt/dnd/DragGestureRecognizer <init>(Ljava/awt/dnd/DragSource;)V
java/awt/dnd/DragGestureRecognizer registerListeners()V
java/awt/dnd/DragGestureRecognizer unregisterListeners()V
java/awt/dnd/DragGestureRecognizer getDragSource()Ljava/awt/dnd/DragSource;
java/awt/dnd/DragGestureRecognizer getComponent()Ljava/awt/Component;
java/awt/dnd/DragGestureRecognizer setComponent(Ljava/awt/Component;)V
java/awt/dnd/DragGestureRecognizer getSourceActions()I
java/awt/dnd/DragGestureRecognizer setSourceActions(I)V
java/awt/dnd/DragGestureRecognizer getTriggerEvent()Ljava/awt/event/InputEvent;
java/awt/dnd/DragGestureRecognizer resetRecognizer()V
java/awt/dnd/DragGestureRecognizer addDragGestureListener(Ljava/awt/dnd/DragGestureListener;)V
java/awt/dnd/DragGestureRecognizer removeDragGestureListener(Ljava/awt/dnd/DragGestureListener;)V
java/awt/dnd/DragGestureRecognizer fireDragGestureRecognized(ILjava/awt/Point;)V
java/awt/dnd/DragGestureRecognizer

appendEvent(Ljava/awt/event/InputEvent;)V
java/awt/dnd/DragGestureRecognizer writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/dnd/DragGestureRecognizer readObject(Ljava/io/ObjectInputStream;)V
class java/awt/dnd/DragGestureListener java/lang/Object
java/awt/dnd/DragGestureListener dragGestureRecognized(Ljava/awt/dnd/DragGestureEvent;)V
class java/awt/dnd/DragSource java/lang/Object
java/awt/dnd/DragSource serialVersionUID
java/awt/dnd/DragSource DefaultCopyDrop
java/awt/dnd/DragSource DefaultMoveDrop
java/awt/dnd/DragSource DefaultLinkDrop
java/awt/dnd/DragSource DefaultCopyNoDrop
java/awt/dnd/DragSource DefaultMoveNoDrop
java/awt/dnd/DragSource DefaultLinkNoDrop
java/awt/dnd/DragSource dflt
java/awt/dnd/DragSource dragSourceListenerK
java/awt/dnd/DragSource dragSourceMotionListenerK
java/awt/dnd/DragSource flavorMap
java/awt/dnd/DragSource listener
java/awt/dnd/DragSource motionListener
java/awt/dnd/DragSource load(Ljava/lang/String;)Ljava/awt/Cursor;
java/awt/dnd/DragSource
getDefaultDragSource()Ljava/awt/dnd/DragSource;
java/awt/dnd/DragSource isDragImageSupported()Z
java/awt/dnd/DragSource <init>()V
java/awt/dnd/DragSource
startDrag(Ljava/awt/dnd/DragGestureEvent;Ljava/awt/Cursor;Ljava/awt/Image;Ljava/awt/Point;Ljava/awt/datatransfer/Transferable;Ljava/awt/dnd/DragSourceListener;Ljava/awt/datatransfer/FlavorMap;)V
java/awt/dnd/DragSource
startDrag(Ljava/awt/dnd/DragGestureEvent;Ljava/awt/Cursor;Ljava/awt/datatransfer/Transferable;Ljava/awt/dnd/DragSourceListener;Ljava/awt/datatransfer/FlavorMap;)V
java/awt/dnd/DragSource
startDrag(Ljava/awt/dnd/DragGestureEvent;Ljava/awt/Cursor;Ljava/awt/Image;Ljava/awt/Point;Ljava/awt/datatransfer/Transferable;Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragSource
startDrag(Ljava/awt/dnd/DragGestureEvent;Ljava/awt/Cursor;Ljava/awt/datatransfer/Transferable;Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragSource
createDragSourceContext(Ljava/awt/dnd/peer/DragSourceContextPeer;Ljava/awt/dnd/DragGestureEvent;Ljava/awt/Cursor;Ljava/awt/Image;Ljava/awt/Point;Ljava/awt/datatransfer/Transferable;Ljava/awt/dnd/DragSourceListener;)Ljava/awt/dnd/DragSourceContext;
java/awt/dnd/DragSource
getFlavorMap()Ljava/awt/datatransfer/FlavorMap;
java/awt/dnd/DragSource
createDragGestureRecognizer(Ljava/lang/Class;Ljava/awt/Component;ILjava/awt/dnd/DragGestureListener;)Ljava/awt/dnd/DragGestureRecognizer;
java/awt/dnd/DragSource
createDefaultDragGestureRecognizer(Ljava/awt/Component;ILjava/awt/dnd/DragGestureListener;)Ljava/awt/dnd/DragGestureRecognizer;

java/awt/dnd/DragSource addDragSourceListener(Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragSource removeDragSourceListener(Ljava/awt/dnd/DragSourceListener;)V
java/awt/dnd/DragSource getDragSourceListeners()[Ljava/awt/dnd/DragSourceListener;
java/awt/dnd/DragSource addDragSourceMotionListener(Ljava/awt/dnd/DragSourceMotionListener;)V
java/awt/dnd/DragSource removeDragSourceMotionListener(Ljava/awt/dnd/DragSourceMotionListener;)V
java/awt/dnd/DragSource
 getDragSourceMotionListeners()[Ljava/awt/dnd/DragSourceMotionListener;
java/awt/dnd/DragSource getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/dnd/DragSource processDragEnter(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSource processDragOver(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSource processDropActionChanged(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSource processDragExit(Ljava/awt/dnd/DragSourceEvent;)V
java/awt/dnd/DragSource processDragDropEnd(Ljava/awt/dnd/DragSourceDropEvent;)V
java/awt/dnd/DragSource processDragMouseMoved(Ljava/awt/dnd/DragSourceDragEvent;)V
java/awt/dnd/DragSource writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/dnd/DragSource readObject(Ljava/io/ObjectInputStream;)V
java/awt/dnd/DragSource getDragThreshold()I
java/awt/dnd/DragSource <clinit>()V
class java/awt/HeadlessException java/lang/UnsupportedOperationException
java/awt/HeadlessException serialVersionUID
java/awt/HeadlessException <init>()V
java/awt/HeadlessException
 <init>(Ljava/lang/String;)V
java/awt/HeadlessException getMessage()Ljava/lang/String;
class java/awt/Frame$AccessibleAWTFrame java/awt/Window$AccessibleAWTWindow
java/awt/Frame$AccessibleAWTFrame serialVersionUID
java/awt/Frame$AccessibleAWTFrame this$0
java/awt/Frame$AccessibleAWTFrame <init>(Ljava/awt/Frame;)V
java/awt/Frame$AccessibleAWTFrame getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/Frame$AccessibleAWTFrame getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
class java/awt/Window$AccessibleAWTWindow java/awt/Container$AccessibleAWTContainer
java/awt/Window$AccessibleAWTWindow serialVersionUID
java/awt/Window$AccessibleAWTWindow this$0
java/awt/Window$AccessibleAWTWindow <init>(Ljava/awt/Window;)V
java/awt/Window$AccessibleAWTWindow getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/Window$AccessibleAWTWindow getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
class java/util/zip/ZipException java/io/IOException
java/util/zip/ZipException
 <init>()V
java/util/zip/ZipException <init>(Ljava/lang/String;)V
class java/util/Collections$UnmodifiableList$1 java/lang/Object
java/util/Collections$UnmodifiableList$1 i
java/util/Collections$UnmodifiableList$1 val$index
java/util/Collections$UnmodifiableList$1 this$0
java/util/Collections$UnmodifiableList$1 <init>(Ljava/util/Collections$UnmodifiableList;I)V
java/util/Collections$UnmodifiableList$1 hasNext()Z
java/util/Collections$UnmodifiableList$1 next()Ljava/lang/Object;
java/util/Collections$UnmodifiableList$1 hasPrevious()Z

java/util/Collections$UnmodifiableList$1 previous()Ljava/lang/Object;
java/util/Collections$UnmodifiableList$1 nextIndex()I
java/util/Collections$UnmodifiableList$1 previousIndex()I
java/util/Collections$UnmodifiableList$1 remove()V
java/util/Collections$UnmodifiableList$1 set(Ljava/lang/Object;)V
java/util/Collections$UnmodifiableList$1 add(Ljava/lang/Object;)V
class java/lang/Process java/lang/Object
java/lang/Process
 <init>()V
java/lang/Process getOutputStream()Ljava/io/OutputStream;
java/lang/Process getInputStream()Ljava/io/InputStream;
java/lang/Process getErrorStream()Ljava/io/InputStream;
java/lang/Process waitFor()I
java/lang/Process exitValue()I
java/lang/Process destroy()V
class java/beans/Beans java/lang/Object
java/beans/Beans designTime
java/beans/Beans guiAvailable
java/beans/Beans <init>()V
java/beans/Beans instantiate(Ljava/lang/ClassLoader;Ljava/lang/String;)Ljava/lang/Object;
java/beans/Beans
instantiate(Ljava/lang/ClassLoader;Ljava/lang/String;Ljava/beans/beancontext/BeanContext;)Ljava/lang/Object;
java/beans/Beans
instantiate(Ljava/lang/ClassLoader;Ljava/lang/String;Ljava/beans/beancontext/BeanContext;Ljava/beans/AppletIniti
alizer;)Ljava/lang/Object;
java/beans/Beans getInstanceOf(Ljava/lang/Object;Ljava/lang/Class;)Ljava/lang/Object;
java/beans/Beans isInstanceOf(Ljava/lang/Object;Ljava/lang/Class;)Z
java/beans/Beans isDesignTime()Z
java/beans/Beans isGuiAvailable()Z
java/beans/Beans
 setDesignTime(Z)V
java/beans/Beans setGuiAvailable(Z)V
java/beans/Beans <clinit>()V
class java/beans/GenericBeanInfo java/beans/SimpleBeanInfo
java/beans/GenericBeanInfo beanDescriptor
java/beans/GenericBeanInfo events
java/beans/GenericBeanInfo defaultEvent
java/beans/GenericBeanInfo properties
java/beans/GenericBeanInfo defaultProperty
java/beans/GenericBeanInfo methods
java/beans/GenericBeanInfo targetBeanInfo
java/beans/GenericBeanInfo
<init>(Ljava/beans/BeanDescriptor;[Ljava/beans/EventSetDescriptor;I[Ljava/beans/PropertyDescriptor;I[Ljava/bea
ns/MethodDescriptor;Ljava/beans/BeanInfo;)V
java/beans/GenericBeanInfo <init>(Ljava/beans/GenericBeanInfo;)V
java/beans/GenericBeanInfo getPropertyDescriptors()[Ljava/beans/PropertyDescriptor;
java/beans/GenericBeanInfo getDefaultPropertyIndex()I
java/beans/GenericBeanInfo getEventSetDescriptors()[Ljava/beans/EventSetDescriptor;

java/beans/GenericBeanInfo getDefaultEventIndex()I
java/beans/GenericBeanInfo getMethodDescriptors()[Ljava/beans/MethodDescriptor;
java/beans/GenericBeanInfo
 getBeanDescriptor()Ljava/beans/BeanDescriptor;
java/beans/GenericBeanInfo getIcon(I)Ljava/awt/Image;
class java/util/TreeMap$ValueIterator java/util/TreeMap$PrivateEntryIterator
java/util/TreeMap$ValueIterator this$0
java/util/TreeMap$ValueIterator <init>(Ljava/util/TreeMap;)V
java/util/TreeMap$ValueIterator next()Ljava/lang/Object;
java/util/TreeMap$ValueIterator <init>(Ljava/util/TreeMap;Ljava/util/TreeMap$1;)V
class java/util/TreeMap$2 java/util/AbstractCollection
java/util/TreeMap$2 this$0
java/util/TreeMap$2 <init>(Ljava/util/TreeMap;)V
java/util/TreeMap$2 iterator()Ljava/util/Iterator;
java/util/TreeMap$2 size()I
java/util/TreeMap$2 contains(Ljava/lang/Object;)Z
java/util/TreeMap$2 remove(Ljava/lang/Object;)Z
java/util/TreeMap$2 clear()V
class java/beans/NameGenerator java/lang/Object
java/beans/NameGenerator valueToName
java/beans/NameGenerator nameToCount
java/beans/NameGenerator <init>()V
java/beans/NameGenerator clear()V
java/beans/NameGenerator
 unqualifiedClassName(Ljava/lang/Class;)Ljava/lang/String;
java/beans/NameGenerator capitalize(Ljava/lang/String;)Ljava/lang/String;
java/beans/NameGenerator instanceName(Ljava/lang/Object;)Ljava/lang/String;
class java/beans/MethodDescriptor java/beans/FeatureDescriptor
java/beans/MethodDescriptor methodRef
java/beans/MethodDescriptor paramNames
java/beans/MethodDescriptor params
java/beans/MethodDescriptor parameterDescriptors
java/beans/MethodDescriptor <init>(Ljava/lang/reflect/Method;)V
java/beans/MethodDescriptor <init>(Ljava/lang/reflect/Method;[Ljava/beans/ParameterDescriptor;)V
java/beans/MethodDescriptor getMethod()Ljava/lang/reflect/Method;
java/beans/MethodDescriptor setMethod(Ljava/lang/reflect/Method;)V
java/beans/MethodDescriptor getMethod0()Ljava/lang/reflect/Method;
java/beans/MethodDescriptor setParams([Ljava/lang/Class;)V
java/beans/MethodDescriptor getParamNames()[Ljava/lang/String;
java/beans/MethodDescriptor getParams()[Ljava/lang/Class;
java/beans/MethodDescriptor
 getParameterDescriptors()[Ljava/beans/ParameterDescriptor;
java/beans/MethodDescriptor <init>(Ljava/beans/MethodDescriptor;Ljava/beans/MethodDescriptor;)V
java/beans/MethodDescriptor <init>(Ljava/beans/MethodDescriptor;)V
class java/beans/Introspector$1 java/lang/Object
java/beans/Introspector$1 val$fclz
java/beans/Introspector$1 <init>(Ljava/lang/Class;)V
java/beans/Introspector$1 run()Ljava/lang/Object;

class java/beans/SimpleBeanInfo java/lang/Object
java/beans/SimpleBeanInfo <init>()V
java/beans/SimpleBeanInfo getBeanDescriptor()Ljava/beans/BeanDescriptor;
java/beans/SimpleBeanInfo getPropertyDescriptors()[Ljava/beans/PropertyDescriptor;
java/beans/SimpleBeanInfo getDefaultPropertyIndex()I
java/beans/SimpleBeanInfo getEventSetDescriptors()[Ljava/beans/EventSetDescriptor;
java/beans/SimpleBeanInfo getDefaultEventIndex()I
java/beans/SimpleBeanInfo getMethodDescriptors()[Ljava/beans/MethodDescriptor;
java/beans/SimpleBeanInfo getAdditionalBeanInfo()[Ljava/beans/BeanInfo;
java/beans/SimpleBeanInfo
 getIcon(I)Ljava/awt/Image;
java/beans/SimpleBeanInfo loadImage(Ljava/lang/String;)Ljava/awt/Image;
class java/security/PermissionsEnumerator java/lang/Object
java/security/PermissionsEnumerator perms
java/security/PermissionsEnumerator permset
java/security/PermissionsEnumerator <init>(Ljava/util/Iterator;)V
java/security/PermissionsEnumerator hasMoreElements()Z
java/security/PermissionsEnumerator nextElement()Ljava/security/Permission;
java/security/PermissionsEnumerator getNextEnumWithMore()Ljava/util/Enumeration;
java/security/PermissionsEnumerator nextElement()Ljava/lang/Object;
class java/util/PropertyPermissionCollection java/security/PermissionCollection
java/util/PropertyPermissionCollection perms
java/util/PropertyPermissionCollection all_allowed
java/util/PropertyPermissionCollection serialVersionUID
java/util/PropertyPermissionCollection serialPersistentFields
java/util/PropertyPermissionCollection <init>()V
java/util/PropertyPermissionCollection
 add(Ljava/security/Permission;)V
java/util/PropertyPermissionCollection implies(Ljava/security/Permission;)Z
java/util/PropertyPermissionCollection elements()Ljava/util/Enumeration;
java/util/PropertyPermissionCollection writeObject(Ljava/io/ObjectOutputStream;)V
java/util/PropertyPermissionCollection readObject(Ljava/io/ObjectInputStream;)V
java/util/PropertyPermissionCollection <clinit>()V
class java/net/SocketPermissionCollection java/security/PermissionCollection
java/net/SocketPermissionCollection perms
java/net/SocketPermissionCollection serialVersionUID
java/net/SocketPermissionCollection serialPersistentFields
java/net/SocketPermissionCollection <init>()V
java/net/SocketPermissionCollection add(Ljava/security/Permission;)V
java/net/SocketPermissionCollection implies(Ljava/security/Permission;)Z
java/net/SocketPermissionCollection elements()Ljava/util/Enumeration;
java/net/SocketPermissionCollection writeObject(Ljava/io/ObjectOutputStream;)V
java/net/SocketPermissionCollection
 readObject(Ljava/io/ObjectInputStream;)V
java/net/SocketPermissionCollection <clinit>()V
class java/net/ResponseCache java/lang/Object
java/net/ResponseCache theResponseCache
java/net/ResponseCache <init>()V

java/net/ResponseCache getDefault()Ljava/net/ResponseCache;
java/net/ResponseCache setDefault(Ljava/net/ResponseCache;)V
java/net/ResponseCache get(Ljava/net/URI;Ljava/lang/String;Ljava/util/Map;)Ljava/net/CacheResponse;
java/net/ResponseCache put(Ljava/net/URI;Ljava/net/URLConnection;)Ljava/net/CacheRequest;
class java/net/CookieHandler java/lang/Object
java/net/CookieHandler cookieHandler
java/net/CookieHandler <init>()V
java/net/CookieHandler getDefault()Ljava/net/CookieHandler;
java/net/CookieHandler setDefault(Ljava/net/CookieHandler;)V
java/net/CookieHandler get(Ljava/net/URI;Ljava/util/Map;)Ljava/util/Map;
java/net/CookieHandler put(Ljava/net/URI;Ljava/util/Map;)V
class java/net/HttpURLConnection java/net/URLConnection
java/net/HttpURLConnection method
java/net/HttpURLConnection
chunkLength
java/net/HttpURLConnection fixedContentLength
java/net/HttpURLConnection DEFAULT_CHUNK_SIZE
java/net/HttpURLConnection responseCode
java/net/HttpURLConnection responseMessage
java/net/HttpURLConnection followRedirects
java/net/HttpURLConnection instanceFollowRedirects
java/net/HttpURLConnection methods
java/net/HttpURLConnection HTTP_OK
java/net/HttpURLConnection HTTP_CREATED
java/net/HttpURLConnection HTTP_ACCEPTED
java/net/HttpURLConnection HTTP_NOT_AUTHORITATIVE
java/net/HttpURLConnection HTTP_NO_CONTENT
java/net/HttpURLConnection HTTP_RESET
java/net/HttpURLConnection HTTP_PARTIAL
java/net/HttpURLConnection HTTP_MULT_CHOICE
java/net/HttpURLConnection HTTP_MOVED_PERM
java/net/HttpURLConnection HTTP_MOVED_TEMP
java/net/HttpURLConnection HTTP_SEE_OTHER
java/net/HttpURLConnection HTTP_NOT_MODIFIED
java/net/HttpURLConnection HTTP_USE_PROXY
java/net/HttpURLConnection HTTP_BAD_REQUEST
java/net/HttpURLConnection HTTP_UNAUTHORIZED
java/net/HttpURLConnection HTTP_PAYMENT_REQUIRED
java/net/HttpURLConnection
HTTP_FORBIDDEN
java/net/HttpURLConnection HTTP_NOT_FOUND
java/net/HttpURLConnection HTTP_BAD_METHOD
java/net/HttpURLConnection HTTP_NOT_ACCEPTABLE
java/net/HttpURLConnection HTTP_PROXY_AUTH
java/net/HttpURLConnection HTTP_CLIENT_TIMEOUT
java/net/HttpURLConnection HTTP_CONFLICT
java/net/HttpURLConnection HTTP_GONE
java/net/HttpURLConnection HTTP_LENGTH_REQUIRED

java/net/HttpURLConnection HTTP_PRECON_FAILED
java/net/HttpURLConnection HTTP_ENTITY_TOO_LARGE
java/net/HttpURLConnection HTTP_REQ_TOO_LONG
java/net/HttpURLConnection HTTP_UNSUPPORTED_TYPE
java/net/HttpURLConnection HTTP_SERVER_ERROR
java/net/HttpURLConnection HTTP_INTERNAL_ERROR
java/net/HttpURLConnection HTTP_NOT_IMPLEMENTED
java/net/HttpURLConnection HTTP_BAD_GATEWAY
java/net/HttpURLConnection HTTP_UNAVAILABLE
java/net/HttpURLConnection HTTP_GATEWAY_TIMEOUT
java/net/HttpURLConnection HTTP_VERSION
java/net/HttpURLConnection getHeaderFieldKey(I)Ljava/lang/String;
java/net/HttpURLConnection
setFixedLengthStreamingMode(I)V
java/net/HttpURLConnection setChunkedStreamingMode(I)V
java/net/HttpURLConnection getHeaderField(I)Ljava/lang/String;
java/net/HttpURLConnection <init>(Ljava/net/URL;)V
java/net/HttpURLConnection setFollowRedirects(Z)V
java/net/HttpURLConnection getFollowRedirects()Z
java/net/HttpURLConnection setInstanceFollowRedirects(Z)V
java/net/HttpURLConnection getInstanceFollowRedirects()Z
java/net/HttpURLConnection setRequestMethod(Ljava/lang/String;)V
java/net/HttpURLConnection getRequestMethod()Ljava/lang/String;
java/net/HttpURLConnection getResponseCode()I
java/net/HttpURLConnection getResponseMessage()Ljava/lang/String;
java/net/HttpURLConnection getHeaderFieldDate(Ljava/lang/String;J)J
java/net/HttpURLConnection disconnect()V
java/net/HttpURLConnection usingProxy()Z
java/net/HttpURLConnection getPermission()Ljava/security/Permission;
java/net/HttpURLConnection getErrorStream()Ljava/io/InputStream;
java/net/HttpURLConnection <clinit>()V
class java/security/SecurityPermission
java/security/BasicPermission
java/security/SecurityPermission serialVersionUID
java/security/SecurityPermission <init>(Ljava/lang/String;)V
java/security/SecurityPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/awt/AWTPermission java/security/BasicPermission
java/awt/AWTPermission serialVersionUID
java/awt/AWTPermission <init>(Ljava/lang/String;)V
java/awt/AWTPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/net/NetPermission java/security/BasicPermission
java/net/NetPermission serialVersionUID
java/net/NetPermission <init>(Ljava/lang/String;)V
java/net/NetPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/net/SocketPermission java/security/Permission
java/net/SocketPermission serialVersionUID
java/net/SocketPermission CONNECT
java/net/SocketPermission LISTEN

java/net/SocketPermission ACCEPT
java/net/SocketPermission RESOLVE
java/net/SocketPermission NONE
java/net/SocketPermission ALL
java/net/SocketPermission PORT_MIN
java/net/SocketPermission
PORT_MAX
java/net/SocketPermission PRIV_PORT_MAX
java/net/SocketPermission mask
java/net/SocketPermission actions
java/net/SocketPermission hostname
java/net/SocketPermission cname
java/net/SocketPermission addresses
java/net/SocketPermission wildcard
java/net/SocketPermission init_with_ip
java/net/SocketPermission invalid
java/net/SocketPermission portrange
java/net/SocketPermission trustProxy
java/net/SocketPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
java/net/SocketPermission <init>(Ljava/lang/String;I)V
java/net/SocketPermission getHost(Ljava/lang/String;)Ljava/lang/String;
java/net/SocketPermission parsePort(Ljava/lang/String;)[I
java/net/SocketPermission init(Ljava/lang/String;I)V
java/net/SocketPermission getMask(Ljava/lang/String;)I
java/net/SocketPermission getCanonName()V
java/net/SocketPermission getIP()V
java/net/SocketPermission implies(Ljava/security/Permission;)Z
java/net/SocketPermission impliesIgnoreMask(Ljava/net/SocketPermission;)Z
java/net/SocketPermission
inProxyWeTrust(Ljava/net/SocketPermission;)Z
java/net/SocketPermission equals(Ljava/lang/Object;)Z
java/net/SocketPermission hashCode()I
java/net/SocketPermission getMask()I
java/net/SocketPermission getActions(I)Ljava/lang/String;
java/net/SocketPermission getActions()Ljava/lang/String;
java/net/SocketPermission newPermissionCollection()Ljava/security/PermissionCollection;
java/net/SocketPermission writeObject(Ljava/io/ObjectOutputStream;)V
java/net/SocketPermission readObject(Ljava/io/ObjectInputStream;)V
java/net/SocketPermission <clinit>()V
class java/io/StreamTokenizer java/lang/Object
java/io/StreamTokenizer reader
java/io/StreamTokenizer input
java/io/StreamTokenizer buf
java/io/StreamTokenizer peekc
java/io/StreamTokenizer NEED_CHAR
java/io/StreamTokenizer SKIP_LF
java/io/StreamTokenizer pushedBack
java/io/StreamTokenizer forceLower

java/io/StreamTokenizer LINENO
java/io/StreamTokenizer eolIsSignificantP
java/io/StreamTokenizer slashSlashCommentsP
java/io/StreamTokenizer
slashStarCommentsP
java/io/StreamTokenizer ctype
java/io/StreamTokenizer CT_WHITESPACE
java/io/StreamTokenizer CT_DIGIT
java/io/StreamTokenizer CT_ALPHA
java/io/StreamTokenizer CT_QUOTE
java/io/StreamTokenizer CT_COMMENT
java/io/StreamTokenizer ttype
java/io/StreamTokenizer TT_EOF
java/io/StreamTokenizer TT_EOL
java/io/StreamTokenizer TT_NUMBER
java/io/StreamTokenizer TT_WORD
java/io/StreamTokenizer TT_NOTHING
java/io/StreamTokenizer sval
java/io/StreamTokenizer nval
java/io/StreamTokenizer <init>()V
java/io/StreamTokenizer <init>(Ljava/io/InputStream;)V
java/io/StreamTokenizer <init>(Ljava/io/Reader;)V
java/io/StreamTokenizer resetSyntax()V
java/io/StreamTokenizer wordChars(II)V
java/io/StreamTokenizer whitespaceChars(II)V
java/io/StreamTokenizer ordinaryChars(II)V
java/io/StreamTokenizer ordinaryChar(I)V
java/io/StreamTokenizer commentChar(I)V
java/io/StreamTokenizer quoteChar(I)V
java/io/StreamTokenizer parseNumbers()V
java/io/StreamTokenizer eolIsSignificant(Z)V
java/io/StreamTokenizer
slashStarComments(Z)V
java/io/StreamTokenizer slashSlashComments(Z)V
java/io/StreamTokenizer lowerCaseMode(Z)V
java/io/StreamTokenizer read()I
java/io/StreamTokenizer nextToken()I
java/io/StreamTokenizer pushBack()V
java/io/StreamTokenizer lineno()I
java/io/StreamTokenizer toString()Ljava/lang/String;
class java/security/Policy$1 java/lang/Object
java/security/Policy$1 <init>()V
java/security/Policy$1 run()Ljava/lang/Object;
class java/security/Policy java/lang/Object
java/security/Policy policy
java/security/Policy debug
java/security/Policy pdMapping
java/security/Policy <init>()V

java/security/Policy isSet()Z
java/security/Policy getPolicy()Ljava/security/Policy;
java/security/Policy getPolicyNoCheck()Ljava/security/Policy;
java/security/Policy setPolicy(Ljava/security/Policy;)V
java/security/Policy initPolicy(Ljava/security/Policy;)V
java/security/Policy getPermissions(Ljava/security/CodeSource;)Ljava/security/PermissionCollection;
java/security/Policy
 getPermissions(Ljava/security/ProtectionDomain;)Ljava/security/PermissionCollection;
java/security/Policy addStaticPerms(Ljava/security/PermissionCollection;Ljava/security/PermissionCollection;)V
java/security/Policy implies(Ljava/security/ProtectionDomain;Ljava/security/Permission;)Z
java/security/Policy refresh()V
java/security/Policy <clinit>()V
class java/io/PrintWriter java/io/Writer
java/io/PrintWriter out
java/io/PrintWriter autoFlush
java/io/PrintWriter trouble
java/io/PrintWriter formatter
java/io/PrintWriter lineSeparator
java/io/PrintWriter <init>(Ljava/io/Writer;)V
java/io/PrintWriter <init>(Ljava/io/Writer;Z)V
java/io/PrintWriter <init>(Ljava/io/OutputStream;)V
java/io/PrintWriter <init>(Ljava/io/OutputStream;Z)V
java/io/PrintWriter <init>(Ljava/lang/String;)V
java/io/PrintWriter <init>(Ljava/lang/String;Ljava/lang/String;)V
java/io/PrintWriter <init>(Ljava/io/File;)V
java/io/PrintWriter <init>(Ljava/io/File;Ljava/lang/String;)V
java/io/PrintWriter ensureOpen()V
java/io/PrintWriter
 flush()V
java/io/PrintWriter close()V
java/io/PrintWriter checkError()Z
java/io/PrintWriter setError()V
java/io/PrintWriter write(I)V
java/io/PrintWriter write([CII)V
java/io/PrintWriter write([C)V
java/io/PrintWriter write(Ljava/lang/String;II)V
java/io/PrintWriter write(Ljava/lang/String;)V
java/io/PrintWriter newLine()V
java/io/PrintWriter print(Z)V
java/io/PrintWriter print(C)V
java/io/PrintWriter print(I)V
java/io/PrintWriter print(J)V
java/io/PrintWriter print(F)V
java/io/PrintWriter print(D)V
java/io/PrintWriter print([C)V
java/io/PrintWriter print(Ljava/lang/String;)V
java/io/PrintWriter print(Ljava/lang/Object;)V
java/io/PrintWriter println()V

java/io/PrintWriter println(Z)V
java/io/PrintWriter println(C)V
java/io/PrintWriter println(I)V
java/io/PrintWriter println(J)V
java/io/PrintWriter println(F)V
java/io/PrintWriter println(D)V
java/io/PrintWriter println([C)V
java/io/PrintWriter println(Ljava/lang/String;)V
java/io/PrintWriter println(Ljava/lang/Object;)V
java/io/PrintWriter
printf(Ljava/lang/String;[Ljava/lang/Object;)Ljava/io/PrintWriter;
java/io/PrintWriter printf(Ljava/util/Locale;Ljava/lang/String;[Ljava/lang/Object;)Ljava/io/PrintWriter;
java/io/PrintWriter format(Ljava/lang/String;[Ljava/lang/Object;)Ljava/io/PrintWriter;
java/io/PrintWriter format(Ljava/util/Locale;Ljava/lang/String;[Ljava/lang/Object;)Ljava/io/PrintWriter;
java/io/PrintWriter append(Ljava/lang/CharSequence;)Ljava/io/PrintWriter;
java/io/PrintWriter append(Ljava/lang/CharSequence;II)Ljava/io/PrintWriter;
java/io/PrintWriter append(C)Ljava/io/PrintWriter;
java/io/PrintWriter append(C)Ljava/io/Writer;
java/io/PrintWriter append(Ljava/lang/CharSequence;II)Ljava/io/Writer;
java/io/PrintWriter append(Ljava/lang/CharSequence;)Ljava/io/Writer;
java/io/PrintWriter append(C)Ljava/lang/Appendable;
java/io/PrintWriter append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/io/PrintWriter append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
class java/beans/beancontext/BeanContextMembershipEvent
java/beans/beancontext/BeanContextEvent
java/beans/beancontext/BeanContextMembershipEvent children
java/beans/beancontext/BeanContextMembershipEvent
<init>(Ljava/beans/beancontext/BeanContext;Ljava/util/Collection;)V
java/beans/beancontext/BeanContextMembershipEvent
<init>(Ljava/beans/beancontext/BeanContext;[Ljava/lang/Object;)V
java/beans/beancontext/BeanContextMembershipEvent size()I
java/beans/beancontext/BeanContextMembershipEvent contains(Ljava/lang/Object;)Z
java/beans/beancontext/BeanContextMembershipEvent toArray()[Ljava/lang/Object;
java/beans/beancontext/BeanContextMembershipEvent iterator()Ljava/util/Iterator;
class java/beans/beancontext/BeanContextEvent java/util/EventObject
java/beans/beancontext/BeanContextEvent propagatedFrom
java/beans/beancontext/BeanContextEvent <init>(Ljava/beans/beancontext/BeanContext;)V
java/beans/beancontext/BeanContextEvent getBeanContext()Ljava/beans/beancontext/BeanContext;
java/beans/beancontext/BeanContextEvent
setPropagatedFrom(Ljava/beans/beancontext/BeanContext;)V
java/beans/beancontext/BeanContextEvent getPropagatedFrom()Ljava/beans/beancontext/BeanContext;
java/beans/beancontext/BeanContextEvent isPropagated()Z
class java/beans/beancontext/BeanContextSupport$BCSChild java/lang/Object
java/beans/beancontext/BeanContextSupport$BCSChild serialVersionUID
java/beans/beancontext/BeanContextSupport$BCSChild child
java/beans/beancontext/BeanContextSupport$BCSChild proxyPeer
java/beans/beancontext/BeanContextSupport$BCSChild removePending
java/beans/beancontext/BeanContextSupport$BCSChild this$0

java/beans/beancontext/BeanContextSupport$BCSChild
<init>(Ljava/beans/beancontext/BeanContextSupport;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextSupport$BCSChild getChild()Ljava/lang/Object;
java/beans/beancontext/BeanContextSupport$BCSChild setRemovePending(Z)V
java/beans/beancontext/BeanContextSupport$BCSChild isRemovePending()Z
java/beans/beancontext/BeanContextSupport$BCSChild
isProxyPeer()Z
java/beans/beancontext/BeanContextSupport$BCSChild getProxyPeer()Ljava/lang/Object;
class java/awt/print/PageFormat java/lang/Object
java/awt/print/PageFormat LANDSCAPE
java/awt/print/PageFormat PORTRAIT
java/awt/print/PageFormat REVERSE_LANDSCAPE
java/awt/print/PageFormat mPaper
java/awt/print/PageFormat mOrientation
java/awt/print/PageFormat <init>()V
java/awt/print/PageFormat clone()Ljava/lang/Object;
java/awt/print/PageFormat getWidth()D
java/awt/print/PageFormat getHeight()D
java/awt/print/PageFormat getImageableX()D
java/awt/print/PageFormat getImageableY()D
java/awt/print/PageFormat getImageableWidth()D
java/awt/print/PageFormat getImageableHeight()D
java/awt/print/PageFormat getPaper()Ljava/awt/print/Paper;
java/awt/print/PageFormat setPaper(Ljava/awt/print/Paper;)V
java/awt/print/PageFormat setOrientation(I)V
java/awt/print/PageFormat getOrientation()I
java/awt/print/PageFormat getMatrix()[D
class java/beans/beancontext/BeanContextSupport$2 java/lang/Object
java/beans/beancontext/BeanContextSupport$2
this$0
java/beans/beancontext/BeanContextSupport$2 <init>(Ljava/beans/beancontext/BeanContextSupport;)V
java/beans/beancontext/BeanContextSupport$2 vetoableChange(Ljava/beans/PropertyChangeEvent;)V
class java/beans/beancontext/BeanContextSupport$1 java/lang/Object
java/beans/beancontext/BeanContextSupport$1 this$0
java/beans/beancontext/BeanContextSupport$1 <init>(Ljava/beans/beancontext/BeanContextSupport;)V
java/beans/beancontext/BeanContextSupport$1 propertyChange(Ljava/beans/PropertyChangeEvent;)V
class java/beans/VetoableChangeSupport java/lang/Object
java/beans/VetoableChangeSupport listeners
java/beans/VetoableChangeSupport children
java/beans/VetoableChangeSupport source
java/beans/VetoableChangeSupport vetoableChangeSupportSerializedDataVersion
java/beans/VetoableChangeSupport serialVersionUID
java/beans/VetoableChangeSupport <init>(Ljava/lang/Object;)V
java/beans/VetoableChangeSupport addVetoableChangeListener(Ljava/beans/VetoableChangeListener;)V
java/beans/VetoableChangeSupport
removeVetoableChangeListener(Ljava/beans/VetoableChangeListener;)V
java/beans/VetoableChangeSupport getVetoableChangeListeners()[Ljava/beans/VetoableChangeListener;
java/beans/VetoableChangeSupport

addVetoableChangeListener(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
java/beans/VetoableChangeSupport
removeVetoableChangeListener(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
java/beans/VetoableChangeSupport
getVetoableChangeListeners(Ljava/lang/String;)[Ljava/beans/VetoableChangeListener;
java/beans/VetoableChangeSupport fireVetoableChange(Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/VetoableChangeSupport fireVetoableChange(Ljava/lang/String;II)V
java/beans/VetoableChangeSupport fireVetoableChange(Ljava/lang/String;ZZ)V
java/beans/VetoableChangeSupport fireVetoableChange(Ljava/beans/PropertyChangeEvent;)V
java/beans/VetoableChangeSupport hasListeners(Ljava/lang/String;)Z
java/beans/VetoableChangeSupport
writeObject(Ljava/io/ObjectOutputStream;)V
java/beans/VetoableChangeSupport readObject(Ljava/io/ObjectInputStream;)V
class java/beans/beancontext/BeanContextSupport java/beans/beancontext/BeanContextChildSupport
java/beans/beancontext/BeanContextSupport serialVersionUID
java/beans/beancontext/BeanContextSupport children
java/beans/beancontext/BeanContextSupport serializable
java/beans/beancontext/BeanContextSupport bcmListeners
java/beans/beancontext/BeanContextSupport locale
java/beans/beancontext/BeanContextSupport okToUseGui
java/beans/beancontext/BeanContextSupport designTime
java/beans/beancontext/BeanContextSupport childPCL
java/beans/beancontext/BeanContextSupport childVCL
java/beans/beancontext/BeanContextSupport serializing
java/beans/beancontext/BeanContextSupport <init>(Ljava/beans/beancontext/BeanContext;Ljava/util/Locale;ZZ)V
java/beans/beancontext/BeanContextSupport <init>(Ljava/beans/beancontext/BeanContext;Ljava/util/Locale;Z)V
java/beans/beancontext/BeanContextSupport
<init>(Ljava/beans/beancontext/BeanContext;Ljava/util/Locale;)V
java/beans/beancontext/BeanContextSupport <init>(Ljava/beans/beancontext/BeanContext;)V
java/beans/beancontext/BeanContextSupport <init>()V
java/beans/beancontext/BeanContextSupport getBeanContextPeer()Ljava/beans/beancontext/BeanContext;
java/beans/beancontext/BeanContextSupport instantiateChild(Ljava/lang/String;)Ljava/lang/Object;
java/beans/beancontext/BeanContextSupport size()I
java/beans/beancontext/BeanContextSupport isEmpty()Z
java/beans/beancontext/BeanContextSupport contains(Ljava/lang/Object;)Z
java/beans/beancontext/BeanContextSupport containsKey(Ljava/lang/Object;)Z
java/beans/beancontext/BeanContextSupport iterator()Ljava/util/Iterator;
java/beans/beancontext/BeanContextSupport toArray()[Ljava/lang/Object;
java/beans/beancontext/BeanContextSupport toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/beans/beancontext/BeanContextSupport
createBCSChild(Ljava/lang/Object;Ljava/lang/Object;)Ljava/beans/beancontext/BeanContextSupport$BCSChild;
java/beans/beancontext/BeanContextSupport
add(Ljava/lang/Object;)Z
java/beans/beancontext/BeanContextSupport remove(Ljava/lang/Object;)Z
java/beans/beancontext/BeanContextSupport remove(Ljava/lang/Object;Z)Z
java/beans/beancontext/BeanContextSupport containsAll(Ljava/util/Collection;)Z
java/beans/beancontext/BeanContextSupport addAll(Ljava/util/Collection;)Z
java/beans/beancontext/BeanContextSupport removeAll(Ljava/util/Collection;)Z

java/beans/beancontext/BeanContextSupport retainAll(Ljava/util/Collection;)Z
java/beans/beancontext/BeanContextSupport clear()V
java/beans/beancontext/BeanContextSupport
addBeanContextMembershipListener(Ljava/beans/beancontext/BeanContextMembershipListener;)V
java/beans/beancontext/BeanContextSupport
removeBeanContextMembershipListener(Ljava/beans/beancontext/BeanContextMembershipListener;)V
java/beans/beancontext/BeanContextSupport
getResourceAsStream(Ljava/lang/String;Ljava/beans/beancontext/BeanContextChild;)Ljava/io/InputStream;
java/beans/beancontext/BeanContextSupport
getResource(Ljava/lang/String;Ljava/beans/beancontext/BeanContextChild;)Ljava/net/URL;
java/beans/beancontext/BeanContextSupport setDesignTime(Z)V
java/beans/beancontext/BeanContextSupport isDesignTime()Z
java/beans/beancontext/BeanContextSupport setLocale(Ljava/util/Locale;)V
java/beans/beancontext/BeanContextSupport getLocale()Ljava/util/Locale;
java/beans/beancontext/BeanContextSupport needsGui()Z
java/beans/beancontext/BeanContextSupport dontUseGui()V
java/beans/beancontext/BeanContextSupport okToUseGui()V
java/beans/beancontext/BeanContextSupport avoidingGui()Z
java/beans/beancontext/BeanContextSupport isSerializing()Z
java/beans/beancontext/BeanContextSupport bcsChildren()Ljava/util/Iterator;
java/beans/beancontext/BeanContextSupport bcsPreSerializationHook(Ljava/io/ObjectOutputStream;)V
java/beans/beancontext/BeanContextSupport bcsPreDeserializationHook(Ljava/io/ObjectInputStream;)V
java/beans/beancontext/BeanContextSupport
childDeserializedHook(Ljava/lang/Object;Ljava/beans/beancontext/BeanContextSupport$BCSChild;)V
java/beans/beancontext/BeanContextSupport serialize(Ljava/io/ObjectOutputStream;Ljava/util/Collection;)V
java/beans/beancontext/BeanContextSupport deserialize(Ljava/io/ObjectInputStream;Ljava/util/Collection;)V
java/beans/beancontext/BeanContextSupport writeChildren(Ljava/io/ObjectOutputStream;)V
java/beans/beancontext/BeanContextSupport writeObject(Ljava/io/ObjectOutputStream;)V
java/beans/beancontext/BeanContextSupport readChildren(Ljava/io/ObjectInputStream;)V
java/beans/beancontext/BeanContextSupport readObject(Ljava/io/ObjectInputStream;)V
java/beans/beancontext/BeanContextSupport vetoableChange(Ljava/beans/PropertyChangeEvent;)V
java/beans/beancontext/BeanContextSupport propertyChange(Ljava/beans/PropertyChangeEvent;)V
java/beans/beancontext/BeanContextSupport validatePendingAdd(Ljava/lang/Object;)Z
java/beans/beancontext/BeanContextSupport validatePendingRemove(Ljava/lang/Object;)Z
java/beans/beancontext/BeanContextSupport
childJustAddedHook(Ljava/lang/Object;Ljava/beans/beancontext/BeanContextSupport$BCSChild;)V
java/beans/beancontext/BeanContextSupport
childJustRemovedHook(Ljava/lang/Object;Ljava/beans/beancontext/BeanContextSupport$BCSChild;)V
java/beans/beancontext/BeanContextSupport getChildVisibility(Ljava/lang/Object;)Ljava/beans/Visibility;
java/beans/beancontext/BeanContextSupport getChildSerializable(Ljava/lang/Object;)Ljava/io/Serializable;
java/beans/beancontext/BeanContextSupport
getChildPropertyChangeListener(Ljava/lang/Object;)Ljava/beans/PropertyChangeListener;
java/beans/beancontext/BeanContextSupport
getChildVetoableChangeListener(Ljava/lang/Object;)Ljava/beans/VetoableChangeListener;
java/beans/beancontext/BeanContextSupport
getChildBeanContextMembershipListener(Ljava/lang/Object;)Ljava/beans/beancontext/BeanContextMembershipLi
stener;
java/beans/beancontext/BeanContextSupport

getChildBeanContextChild(Ljava/lang/Object;)Ljava/beans/beancontext/BeanContextChild;
java/beans/beancontext/BeanContextSupport
fireChildrenAdded(Ljava/beans/beancontext/BeanContextMembershipEvent;)V
java/beans/beancontext/BeanContextSupport
fireChildrenRemoved(Ljava/beans/beancontext/BeanContextMembershipEvent;)V
java/beans/beancontext/BeanContextSupport initialize()V
java/beans/beancontext/BeanContextSupport copyChildren()[Ljava/lang/Object;
java/beans/beancontext/BeanContextSupport classEquals(Ljava/lang/Class;Ljava/lang/Class;)Z
class java/beans/beancontext/BeanContextChildSupport java/lang/Object
java/beans/beancontext/BeanContextChildSupport serialVersionUID
java/beans/beancontext/BeanContextChildSupport beanContextChildPeer
java/beans/beancontext/BeanContextChildSupport pcSupport
java/beans/beancontext/BeanContextChildSupport vcSupport
java/beans/beancontext/BeanContextChildSupport beanContext
java/beans/beancontext/BeanContextChildSupport rejectedSetBCOnce
java/beans/beancontext/BeanContextChildSupport <init>()V
java/beans/beancontext/BeanContextChildSupport
<init>(Ljava/beans/beancontext/BeanContextChild;)V
java/beans/beancontext/BeanContextChildSupport setBeanContext(Ljava/beans/beancontext/BeanContext;)V
java/beans/beancontext/BeanContextChildSupport getBeanContext()Ljava/beans/beancontext/BeanContext;
java/beans/beancontext/BeanContextChildSupport
addPropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/beans/beancontext/BeanContextChildSupport
removePropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/beans/beancontext/BeanContextChildSupport
addVetoableChangeListener(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
java/beans/beancontext/BeanContextChildSupport
removeVetoableChangeListener(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
java/beans/beancontext/BeanContextChildSupport
serviceRevoked(Ljava/beans/beancontext/BeanContextServiceRevokedEvent;)V
java/beans/beancontext/BeanContextChildSupport
serviceAvailable(Ljava/beans/beancontext/BeanContextServiceAvailableEvent;)V
java/beans/beancontext/BeanContextChildSupport
getBeanContextChildPeer()Ljava/beans/beancontext/BeanContextChild;
java/beans/beancontext/BeanContextChildSupport isDelegated()Z
java/beans/beancontext/BeanContextChildSupport
firePropertyChange(Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextChildSupport
fireVetoableChange(Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/beancontext/BeanContextChildSupport
validatePendingSetBeanContext(Ljava/beans/beancontext/BeanContext;)Z
java/beans/beancontext/BeanContextChildSupport releaseBeanContextResources()V
java/beans/beancontext/BeanContextChildSupport initializeBeanContextResources()V
java/beans/beancontext/BeanContextChildSupport writeObject(Ljava/io/ObjectOutputStream;)V
java/beans/beancontext/BeanContextChildSupport readObject(Ljava/io/ObjectInputStream;)V
class java/beans/beancontext/BeanContextServicesListener java/lang/Object
java/beans/beancontext/BeanContextServicesListener

serviceAvailable(Ljava/beans/beancontext/BeanContextServiceAvailableEvent;)V
class java/beans/beancontext/BeanContextServiceRevokedListener java/lang/Object
java/beans/beancontext/BeanContextServiceRevokedListener
serviceRevoked(Ljava/beans/beancontext/BeanContextServiceRevokedEvent;)V
class java/beans/beancontext/BeanContext java/lang/Object
java/beans/beancontext/BeanContext globalHierarchyLock
java/beans/beancontext/BeanContext instantiateChild(Ljava/lang/String;)Ljava/lang/Object;
java/beans/beancontext/BeanContext
getResourceAsStream(Ljava/lang/String;Ljava/beans/beancontext/BeanContextChild;)Ljava/io/InputStream;
java/beans/beancontext/BeanContext
getResource(Ljava/lang/String;Ljava/beans/beancontext/BeanContextChild;)Ljava/net/URL;
java/beans/beancontext/BeanContext
addBeanContextMembershipListener(Ljava/beans/beancontext/BeanContextMembershipListener;)V
java/beans/beancontext/BeanContext
removeBeanContextMembershipListener(Ljava/beans/beancontext/BeanContextMembershipListener;)V
java/beans/beancontext/BeanContext
<clinit>()V
class java/beans/Visibility java/lang/Object
java/beans/Visibility needsGui()Z
java/beans/Visibility dontUseGui()V
java/beans/Visibility okToUseGui()V
java/beans/Visibility avoidingGui()Z
class java/beans/DesignMode java/lang/Object
java/beans/DesignMode PROPERTYNAME
java/beans/DesignMode setDesignTime(Z)V
java/beans/DesignMode isDesignTime()Z
class java/beans/beancontext/BeanContextChild java/lang/Object
java/beans/beancontext/BeanContextChild setBeanContext(Ljava/beans/beancontext/BeanContext;)V
java/beans/beancontext/BeanContextChild getBeanContext()Ljava/beans/beancontext/BeanContext;
java/beans/beancontext/BeanContextChild
addPropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/beans/beancontext/BeanContextChild
removePropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/beans/beancontext/BeanContextChild
addVetoableChangeListener(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
java/beans/beancontext/BeanContextChild
removeVetoableChangeListener(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
class java/beans/IndexedPropertyDescriptor java/beans/PropertyDescriptor
java/beans/IndexedPropertyDescriptor indexedPropertyTypeRef
java/beans/IndexedPropertyDescriptor indexedReadMethodRef
java/beans/IndexedPropertyDescriptor indexedWriteMethodRef
java/beans/IndexedPropertyDescriptor indexedReadMethodName
java/beans/IndexedPropertyDescriptor indexedWriteMethodName
java/beans/IndexedPropertyDescriptor <init>(Ljava/lang/String;Ljava/lang/Class;)V
java/beans/IndexedPropertyDescriptor
<init>(Ljava/lang/String;Ljava/lang/Class;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)
V
java/beans/IndexedPropertyDescriptor

<init>(Ljava/lang/String;Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;)V
java/beans/IndexedPropertyDescriptor getIndexedReadMethod()Ljava/lang/reflect/Method;
java/beans/IndexedPropertyDescriptor
setIndexedReadMethod(Ljava/lang/reflect/Method;)V
java/beans/IndexedPropertyDescriptor setIndexedReadMethod0(Ljava/lang/reflect/Method;)V
java/beans/IndexedPropertyDescriptor getIndexedWriteMethod()Ljava/lang/reflect/Method;
java/beans/IndexedPropertyDescriptor setIndexedWriteMethod(Ljava/lang/reflect/Method;)V
java/beans/IndexedPropertyDescriptor setIndexedWriteMethod0(Ljava/lang/reflect/Method;)V
java/beans/IndexedPropertyDescriptor getIndexedPropertyType()Ljava/lang/Class;
java/beans/IndexedPropertyDescriptor setIndexedPropertyType(Ljava/lang/Class;)V
java/beans/IndexedPropertyDescriptor getIndexedPropertyType0()Ljava/lang/Class;
java/beans/IndexedPropertyDescriptor getIndexedReadMethod0()Ljava/lang/reflect/Method;
java/beans/IndexedPropertyDescriptor getIndexedWriteMethod0()Ljava/lang/reflect/Method;
java/beans/IndexedPropertyDescriptor
findIndexedPropertyType(Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;)Ljava/lang/Class;
java/beans/IndexedPropertyDescriptor
equals(Ljava/lang/Object;)Z
java/beans/IndexedPropertyDescriptor <init>(Ljava/beans/PropertyDescriptor;Ljava/beans/PropertyDescriptor;)V
java/beans/IndexedPropertyDescriptor <init>(Ljava/beans/IndexedPropertyDescriptor;)V
java/beans/IndexedPropertyDescriptor hashCode()I
class java/awt/print/PrinterJob java/lang/Object
java/awt/print/PrinterJob getPrinterJob()Ljava/awt/print/PrinterJob;
java/awt/print/PrinterJob lookupPrintServices()[Ljavax/print/PrintService;
java/awt/print/PrinterJob lookupStreamPrintServices(Ljava/lang/String;)[Ljavax/print/StreamPrintServiceFactory;
java/awt/print/PrinterJob <init>()V
java/awt/print/PrinterJob getPrintService()Ljavax/print/PrintService;
java/awt/print/PrinterJob setPrintService(Ljavax/print/PrintService;)V
java/awt/print/PrinterJob setPrintable(Ljava/awt/print/Printable;)V
java/awt/print/PrinterJob setPrintable(Ljava/awt/print/Printable;Ljava/awt/print/PageFormat;)V
java/awt/print/PrinterJob
setPageable(Ljava/awt/print/Pageable;)V
java/awt/print/PrinterJob printDialog()Z
java/awt/print/PrinterJob printDialog(Ljavax/print/attribute/PrintRequestAttributeSet;)Z
java/awt/print/PrinterJob pageDialog(Ljava/awt/print/PageFormat;)Ljava/awt/print/PageFormat;
java/awt/print/PrinterJob pageDialog(Ljavax/print/attribute/PrintRequestAttributeSet;)Ljava/awt/print/PageFormat;
java/awt/print/PrinterJob defaultPage(Ljava/awt/print/PageFormat;)Ljava/awt/print/PageFormat;
java/awt/print/PrinterJob defaultPage()Ljava/awt/print/PageFormat;
java/awt/print/PrinterJob validatePage(Ljava/awt/print/PageFormat;)Ljava/awt/print/PageFormat;
java/awt/print/PrinterJob print()V
java/awt/print/PrinterJob print(Ljavax/print/attribute/PrintRequestAttributeSet;)V
java/awt/print/PrinterJob setCopies(I)V
java/awt/print/PrinterJob getCopies()I
java/awt/print/PrinterJob getUserName()Ljava/lang/String;
java/awt/print/PrinterJob setJobName(Ljava/lang/String;)V
java/awt/print/PrinterJob getJobName()Ljava/lang/String;
java/awt/print/PrinterJob

cancel()V
java/awt/print/PrinterJob isCancelled()Z
class java/awt/print/PrinterAbortException java/awt/print/PrinterException
java/awt/print/PrinterAbortException <init>()V
java/awt/print/PrinterAbortException <init>(Ljava/lang/String;)V
class java/awt/print/PrinterException java/lang/Exception
java/awt/print/PrinterException <init>()V
java/awt/print/PrinterException <init>(Ljava/lang/String;)V
class java/text/BreakIterator java/lang/Object
java/text/BreakIterator DONE
java/text/BreakIterator CHARACTER_INDEX
java/text/BreakIterator WORD_INDEX
java/text/BreakIterator LINE_INDEX
java/text/BreakIterator SENTENCE_INDEX
java/text/BreakIterator iterCache
java/text/BreakIterator <init>()V
java/text/BreakIterator clone()Ljava/lang/Object;
java/text/BreakIterator first()I
java/text/BreakIterator last()I
java/text/BreakIterator next(I)I
java/text/BreakIterator next()I
java/text/BreakIterator previous()I
java/text/BreakIterator following(I)I
java/text/BreakIterator preceding(I)I
java/text/BreakIterator
isBoundary(I)Z
java/text/BreakIterator current()I
java/text/BreakIterator getText()Ljava/text/CharacterIterator;
java/text/BreakIterator setText(Ljava/lang/String;)V
java/text/BreakIterator setText(Ljava/text/CharacterIterator;)V
java/text/BreakIterator getWordInstance()Ljava/text/BreakIterator;
java/text/BreakIterator getWordInstance(Ljava/util/Locale;)Ljava/text/BreakIterator;
java/text/BreakIterator getLineInstance()Ljava/text/BreakIterator;
java/text/BreakIterator getLineInstance(Ljava/util/Locale;)Ljava/text/BreakIterator;
java/text/BreakIterator getCharacterInstance()Ljava/text/BreakIterator;
java/text/BreakIterator getCharacterInstance(Ljava/util/Locale;)Ljava/text/BreakIterator;
java/text/BreakIterator getSentenceInstance()Ljava/text/BreakIterator;
java/text/BreakIterator getSentenceInstance(Ljava/util/Locale;)Ljava/text/BreakIterator;
java/text/BreakIterator
getBreakInstance(Ljava/util/Locale;ILjava/lang/String;Ljava/lang/String;)Ljava/text/BreakIterator;
java/text/BreakIterator
getBundle(Ljava/lang/String;Ljava/util/Locale;)Ljava/util/ResourceBundle;
java/text/BreakIterator
createBreakInstance(Ljava/util/Locale;ILjava/lang/String;Ljava/lang/String;)Ljava/text/BreakIterator;
java/text/BreakIterator getAvailableLocales()[Ljava/util/Locale;
java/text/BreakIterator getLong([BI)J
java/text/BreakIterator getInt([BI)I
java/text/BreakIterator getShort([BI)S

java/text/BreakIterator <clinit>()V
class java/awt/color/ICC_Profile$3 java/lang/Object
java/awt/color/ICC_Profile$3 val$fileName
java/awt/color/ICC_Profile$3 <init>(Ljava/lang/String;)V
java/awt/color/ICC_Profile$3 run()Ljava/lang/Object;
class java/awt/color/ICC_Profile$2 java/lang/Object
java/awt/color/ICC_Profile$2 val$name
java/awt/color/ICC_Profile$2 <init>(Ljava/lang/String;)V
java/awt/color/ICC_Profile$2 run()Ljava/lang/Object;
class java/lang/reflect/UndeclaredThrowableException java/lang/RuntimeException
java/lang/reflect/UndeclaredThrowableException serialVersionUID
java/lang/reflect/UndeclaredThrowableException
 undeclaredThrowable
java/lang/reflect/UndeclaredThrowableException <init>(Ljava/lang/Throwable;)V
java/lang/reflect/UndeclaredThrowableException <init>(Ljava/lang/Throwable;Ljava/lang/String;)V
java/lang/reflect/UndeclaredThrowableException getUndeclaredThrowable()Ljava/lang/Throwable;
java/lang/reflect/UndeclaredThrowableException getCause()Ljava/lang/Throwable;
class java/beans/BeanDescriptor java/beans/FeatureDescriptor
java/beans/BeanDescriptor beanClassRef
java/beans/BeanDescriptor customizerClassRef
java/beans/BeanDescriptor <init>(Ljava/lang/Class;)V
java/beans/BeanDescriptor <init>(Ljava/lang/Class;Ljava/lang/Class;)V
java/beans/BeanDescriptor getBeanClass()Ljava/lang/Class;
java/beans/BeanDescriptor getCustomizerClass()Ljava/lang/Class;
java/beans/BeanDescriptor <init>(Ljava/beans/BeanDescriptor;)V
class java/util/PropertyPermission java/security/BasicPermission
java/util/PropertyPermission READ
java/util/PropertyPermission WRITE
java/util/PropertyPermission
 ALL
java/util/PropertyPermission NONE
java/util/PropertyPermission mask
java/util/PropertyPermission actions
java/util/PropertyPermission serialVersionUID
java/util/PropertyPermission init(I)V
java/util/PropertyPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
java/util/PropertyPermission implies(Ljava/security/Permission;)Z
java/util/PropertyPermission equals(Ljava/lang/Object;)Z
java/util/PropertyPermission hashCode()I
java/util/PropertyPermission getMask(Ljava/lang/String;)I
java/util/PropertyPermission getActions(I)Ljava/lang/String;
java/util/PropertyPermission getActions()Ljava/lang/String;
java/util/PropertyPermission getMask()I
java/util/PropertyPermission newPermissionCollection()Ljava/security/PermissionCollection;
java/util/PropertyPermission writeObject(Ljava/io/ObjectOutputStream;)V
java/util/PropertyPermission readObject(Ljava/io/ObjectInputStream;)V
class java/io/OptionalDataException java/io/ObjectStreamException
java/io/OptionalDataException

length
java/io/OptionalDataException eof
java/io/OptionalDataException <init>(I)V
java/io/OptionalDataException <init>(Z)V
class java/util/WeakHashMap$EntryIterator java/util/WeakHashMap$HashIterator
java/util/WeakHashMap$EntryIterator this$0
java/util/WeakHashMap$EntryIterator <init>(Ljava/util/WeakHashMap;)V
java/util/WeakHashMap$EntryIterator next()Ljava/util/Map$Entry;
java/util/WeakHashMap$EntryIterator next()Ljava/lang/Object;
java/util/WeakHashMap$EntryIterator <init>(Ljava/util/WeakHashMap;Ljava/util/WeakHashMap$1;)V
class java/util/WeakHashMap$HashIterator java/lang/Object
java/util/WeakHashMap$HashIterator index
java/util/WeakHashMap$HashIterator entry
java/util/WeakHashMap$HashIterator lastReturned
java/util/WeakHashMap$HashIterator expectedModCount
java/util/WeakHashMap$HashIterator nextKey
java/util/WeakHashMap$HashIterator currentKey
java/util/WeakHashMap$HashIterator this$0
java/util/WeakHashMap$HashIterator <init>(Ljava/util/WeakHashMap;)V
java/util/WeakHashMap$HashIterator
hasNext()Z
java/util/WeakHashMap$HashIterator nextEntry()Ljava/util/WeakHashMap$Entry;
java/util/WeakHashMap$HashIterator remove()V
class java/util/WeakHashMap$EntrySet java/util/AbstractSet
java/util/WeakHashMap$EntrySet this$0
java/util/WeakHashMap$EntrySet <init>(Ljava/util/WeakHashMap;)V
java/util/WeakHashMap$EntrySet iterator()Ljava/util/Iterator;
java/util/WeakHashMap$EntrySet contains(Ljava/lang/Object;)Z
java/util/WeakHashMap$EntrySet remove(Ljava/lang/Object;)Z
java/util/WeakHashMap$EntrySet size()I
java/util/WeakHashMap$EntrySet clear()V
java/util/WeakHashMap$EntrySet toArray()[Ljava/lang/Object;
java/util/WeakHashMap$EntrySet toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/WeakHashMap$EntrySet <init>(Ljava/util/WeakHashMap;Ljava/util/WeakHashMap$1;)V
class java/beans/beancontext/BeanContextProxy java/lang/Object
java/beans/beancontext/BeanContextProxy getBeanContextProxy()Ljava/beans/beancontext/BeanContextChild;
class java/io/CharArrayWriter java/io/Writer
java/io/CharArrayWriter
buf
java/io/CharArrayWriter count
java/io/CharArrayWriter <init>()V
java/io/CharArrayWriter <init>(I)V
java/io/CharArrayWriter write(I)V
java/io/CharArrayWriter write([CII)V
java/io/CharArrayWriter write(Ljava/lang/String;II)V
java/io/CharArrayWriter writeTo(Ljava/io/Writer;)V
java/io/CharArrayWriter append(Ljava/lang/CharSequence;)Ljava/io/CharArrayWriter;
java/io/CharArrayWriter append(Ljava/lang/CharSequence;II)Ljava/io/CharArrayWriter;

java/io/CharArrayWriter append(C)Ljava/io/CharArrayWriter;
java/io/CharArrayWriter reset()V
java/io/CharArrayWriter toCharArray()[C
java/io/CharArrayWriter size()I
java/io/CharArrayWriter toString()Ljava/lang/String;
java/io/CharArrayWriter flush()V
java/io/CharArrayWriter close()V
java/io/CharArrayWriter append(C)Ljava/io/Writer;
java/io/CharArrayWriter append(Ljava/lang/CharSequence;II)Ljava/io/Writer;
java/io/CharArrayWriter append(Ljava/lang/CharSequence;)Ljava/io/Writer;
java/io/CharArrayWriter append(C)Ljava/lang/Appendable;
java/io/CharArrayWriter
append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/io/CharArrayWriter append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
class java/util/jar/JarInputStream java/util/zip/ZipInputStream
java/util/jar/JarInputStream man
java/util/jar/JarInputStream first
java/util/jar/JarInputStream jv
java/util/jar/JarInputStream mev
java/util/jar/JarInputStream <init>(Ljava/io/InputStream;)V
java/util/jar/JarInputStream <init>(Ljava/io/InputStream;Z)V
java/util/jar/JarInputStream getBytes(Ljava/io/InputStream;)[B
java/util/jar/JarInputStream getManifest()Ljava/util/jar/Manifest;
java/util/jar/JarInputStream getNextEntry()Ljava/util/zip/ZipEntry;
java/util/jar/JarInputStream getNextJarEntry()Ljava/util/jar/JarEntry;
java/util/jar/JarInputStream read([BII)I
java/util/jar/JarInputStream createZipEntry(Ljava/lang/String;)Ljava/util/zip/ZipEntry;
class java/io/CharConversionException java/io/IOException
java/io/CharConversionException <init>()V
java/io/CharConversionException
<init>(Ljava/lang/String;)V
class java/net/UnknownServiceException java/io/IOException
java/net/UnknownServiceException <init>()V
java/net/UnknownServiceException <init>(Ljava/lang/String;)V
class java/util/jar/JarVerifier$VerifierStream java/io/InputStream
java/util/jar/JarVerifier$VerifierStream is
java/util/jar/JarVerifier$VerifierStream jv
java/util/jar/JarVerifier$VerifierStream mev
java/util/jar/JarVerifier$VerifierStream numLeft
java/util/jar/JarVerifier$VerifierStream
<init>(Ljava/util/jar/Manifest;Ljava/util/jar/JarEntry;Ljava/io/InputStream;Ljava/util/jar/JarVerifier;)V
java/util/jar/JarVerifier$VerifierStream read()I
java/util/jar/JarVerifier$VerifierStream read([BII)I
java/util/jar/JarVerifier$VerifierStream close()V
java/util/jar/JarVerifier$VerifierStream available()I
class java/security/CodeSigner java/lang/Object
java/security/CodeSigner serialVersionUID
java/security/CodeSigner signerCertPath

java/security/CodeSigner timestamp
java/security/CodeSigner
 myhash
java/security/CodeSigner <init>(Ljava/security/cert/CertPath;Ljava/security/Timestamp;)V
java/security/CodeSigner getSignerCertPath()Ljava/security/cert/CertPath;
java/security/CodeSigner getTimestamp()Ljava/security/Timestamp;
java/security/CodeSigner hashCode()I
java/security/CodeSigner equals(Ljava/lang/Object;)Z
java/security/CodeSigner toString()Ljava/lang/String;
class java/security/cert/CertPath java/lang/Object
java/security/cert/CertPath serialVersionUID
java/security/cert/CertPath type
java/security/cert/CertPath <init>(Ljava/lang/String;)V
java/security/cert/CertPath getType()Ljava/lang/String;
java/security/cert/CertPath getEncodings()Ljava/util/Iterator;
java/security/cert/CertPath equals(Ljava/lang/Object;)Z
java/security/cert/CertPath hashCode()I
java/security/cert/CertPath toString()Ljava/lang/String;
java/security/cert/CertPath getEncoded()[B
java/security/cert/CertPath getEncoded(Ljava/lang/String;)[B
java/security/cert/CertPath getCertificates()Ljava/util/List;
java/security/cert/CertPath
 writeReplace()Ljava/lang/Object;
class java/security/spec/DSAPublicKeySpec java/lang/Object
java/security/spec/DSAPublicKeySpec y
java/security/spec/DSAPublicKeySpec p
java/security/spec/DSAPublicKeySpec q
java/security/spec/DSAPublicKeySpec g
java/security/spec/DSAPublicKeySpec
<init>(Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/DSAPublicKeySpec getY()Ljava/math/BigInteger;
java/security/spec/DSAPublicKeySpec getP()Ljava/math/BigInteger;
java/security/spec/DSAPublicKeySpec getQ()Ljava/math/BigInteger;
java/security/spec/DSAPublicKeySpec getG()Ljava/math/BigInteger;
class java/security/interfaces/RSAPrivateCrtKey java/lang/Object
java/security/interfaces/RSAPrivateCrtKey serialVersionUID
java/security/interfaces/RSAPrivateCrtKey getPublicExponent()Ljava/math/BigInteger;
java/security/interfaces/RSAPrivateCrtKey getPrimeP()Ljava/math/BigInteger;
java/security/interfaces/RSAPrivateCrtKey getPrimeQ()Ljava/math/BigInteger;
java/security/interfaces/RSAPrivateCrtKey
 getPrimeExponentP()Ljava/math/BigInteger;
java/security/interfaces/RSAPrivateCrtKey getPrimeExponentQ()Ljava/math/BigInteger;
java/security/interfaces/RSAPrivateCrtKey getCrtCoefficient()Ljava/math/BigInteger;
class java/security/interfaces/RSAPrivateKey java/lang/Object
java/security/interfaces/RSAPrivateKey serialVersionUID
java/security/interfaces/RSAPrivateKey getPrivateExponent()Ljava/math/BigInteger;
class java/security/interfaces/RSAPublicKey java/lang/Object
java/security/interfaces/RSAPublicKey serialVersionUID

java/security/interfaces/RSAPublicKey getPublicExponent()Ljava/math/BigInteger;
class java/security/interfaces/RSAKey java/lang/Object
java/security/interfaces/RSAKey getModulus()Ljava/math/BigInteger;
class java/security/spec/PKCS8EncodedKeySpec java/security/spec/EncodedKeySpec
java/security/spec/PKCS8EncodedKeySpec <init>([B)V
java/security/spec/PKCS8EncodedKeySpec getEncoded()[B
java/security/spec/PKCS8EncodedKeySpec
 getFormat()Ljava/lang/String;
class java/security/spec/RSAPrivateCrtKeySpec java/security/spec/RSAPrivateKeySpec
java/security/spec/RSAPrivateCrtKeySpec publicExponent
java/security/spec/RSAPrivateCrtKeySpec primeP
java/security/spec/RSAPrivateCrtKeySpec primeQ
java/security/spec/RSAPrivateCrtKeySpec primeExponentP
java/security/spec/RSAPrivateCrtKeySpec primeExponentQ
java/security/spec/RSAPrivateCrtKeySpec crtCoefficient
java/security/spec/RSAPrivateCrtKeySpec
<init>(Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/Big
Integer;Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/RSAPrivateCrtKeySpec getPublicExponent()Ljava/math/BigInteger;
java/security/spec/RSAPrivateCrtKeySpec getPrimeP()Ljava/math/BigInteger;
java/security/spec/RSAPrivateCrtKeySpec getPrimeQ()Ljava/math/BigInteger;
java/security/spec/RSAPrivateCrtKeySpec getPrimeExponentP()Ljava/math/BigInteger;
java/security/spec/RSAPrivateCrtKeySpec
 getPrimeExponentQ()Ljava/math/BigInteger;
java/security/spec/RSAPrivateCrtKeySpec getCrtCoefficient()Ljava/math/BigInteger;
class java/security/spec/RSAPrivateKeySpec java/lang/Object
java/security/spec/RSAPrivateKeySpec modulus
java/security/spec/RSAPrivateKeySpec privateExponent
java/security/spec/RSAPrivateKeySpec <init>(Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/RSAPrivateKeySpec getModulus()Ljava/math/BigInteger;
java/security/spec/RSAPrivateKeySpec getPrivateExponent()Ljava/math/BigInteger;
class java/security/spec/RSAPublicKeySpec java/lang/Object
java/security/spec/RSAPublicKeySpec modulus
java/security/spec/RSAPublicKeySpec publicExponent
java/security/spec/RSAPublicKeySpec <init>(Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/RSAPublicKeySpec getModulus()Ljava/math/BigInteger;
java/security/spec/RSAPublicKeySpec getPublicExponent()Ljava/math/BigInteger;
class java/security/KeyFactorySpi java/lang/Object
java/security/KeyFactorySpi
 <init>()V
java/security/KeyFactorySpi engineGeneratePublic(Ljava/security/spec/KeySpec;)Ljava/security/PublicKey;
java/security/KeyFactorySpi engineGeneratePrivate(Ljava/security/spec/KeySpec;)Ljava/security/PrivateKey;
java/security/KeyFactorySpi
engineGetKeySpec(Ljava/security/Key;Ljava/lang/Class;)Ljava/security/spec/KeySpec;
java/security/KeyFactorySpi engineTranslateKey(Ljava/security/Key;)Ljava/security/Key;
class java/security/KeyFactory java/lang/Object
java/security/KeyFactory debug
java/security/KeyFactory algorithm

java/security/KeyFactory provider
java/security/KeyFactory spi
java/security/KeyFactory lock
java/security/KeyFactory serviceIterator
java/security/KeyFactory <init>(Ljava/security/KeyFactorySpi;Ljava/security/Provider;Ljava/lang/String;)V
java/security/KeyFactory <init>(Ljava/lang/String;)V
java/security/KeyFactory getInstance(Ljava/lang/String;)Ljava/security/KeyFactory;
java/security/KeyFactory getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/KeyFactory;
java/security/KeyFactory
 getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/KeyFactory;
java/security/KeyFactory getProvider()Ljava/security/Provider;
java/security/KeyFactory getAlgorithm()Ljava/lang/String;
java/security/KeyFactory nextSpi(Ljava/security/KeyFactorySpi;)Ljava/security/KeyFactorySpi;
java/security/KeyFactory generatePublic(Ljava/security/spec/KeySpec;)Ljava/security/PublicKey;
java/security/KeyFactory generatePrivate(Ljava/security/spec/KeySpec;)Ljava/security/PrivateKey;
java/security/KeyFactory getKeySpec(Ljava/security/Key;Ljava/lang/Class;)Ljava/security/spec/KeySpec;
java/security/KeyFactory translateKey(Ljava/security/Key;)Ljava/security/Key;
java/security/KeyFactory <clinit>()V
class java/security/spec/X509EncodedKeySpec java/security/spec/EncodedKeySpec
java/security/spec/X509EncodedKeySpec <init>([B)V
java/security/spec/X509EncodedKeySpec getEncoded()[B
java/security/spec/X509EncodedKeySpec getFormat()Ljava/lang/String;
class
 java/security/spec/EncodedKeySpec java/lang/Object
java/security/spec/EncodedKeySpec encodedKey
java/security/spec/EncodedKeySpec <init>([B)V
java/security/spec/EncodedKeySpec getEncoded()[B
java/security/spec/EncodedKeySpec getFormat()Ljava/lang/String;
class java/security/spec/KeySpec java/lang/Object
class java/security/cert/X509Certificate java/security/cert/Certificate
java/security/cert/X509Certificate serialVersionUID
java/security/cert/X509Certificate subjectX500Principal
java/security/cert/X509Certificate issuerX500Principal
java/security/cert/X509Certificate <init>()V
java/security/cert/X509Certificate checkValidity()V
java/security/cert/X509Certificate checkValidity(Ljava/util/Date;)V
java/security/cert/X509Certificate getVersion()I
java/security/cert/X509Certificate getSerialNumber()Ljava/math/BigInteger;
java/security/cert/X509Certificate getIssuerDN()Ljava/security/Principal;
java/security/cert/X509Certificate getIssuerX500Principal()Ljavax/security/auth/x500/X500Principal;
java/security/cert/X509Certificate
 getSubjectDN()Ljava/security/Principal;
java/security/cert/X509Certificate getSubjectX500Principal()Ljavax/security/auth/x500/X500Principal;
java/security/cert/X509Certificate getNotBefore()Ljava/util/Date;
java/security/cert/X509Certificate getNotAfter()Ljava/util/Date;
java/security/cert/X509Certificate getTBSCertificate()[B
java/security/cert/X509Certificate getSignature()[B
java/security/cert/X509Certificate getSigAlgName()Ljava/lang/String;

java/security/cert/X509Certificate getSigAlgOID()Ljava/lang/String;
java/security/cert/X509Certificate getSigAlgParams()[B
java/security/cert/X509Certificate getIssuerUniqueID()[Z
java/security/cert/X509Certificate getSubjectUniqueID()[Z
java/security/cert/X509Certificate getKeyUsage()[Z
java/security/cert/X509Certificate getExtendedKeyUsage()Ljava/util/List;
java/security/cert/X509Certificate getBasicConstraints()I
java/security/cert/X509Certificate getSubjectAlternativeNames()Ljava/util/Collection;
java/security/cert/X509Certificate
getIssuerAlternativeNames()Ljava/util/Collection;
class java/security/cert/X509Extension java/lang/Object
java/security/cert/X509Extension hasUnsupportedCriticalExtension()Z
java/security/cert/X509Extension getCriticalExtensionOIDs()Ljava/util/Set;
java/security/cert/X509Extension getNonCriticalExtensionOIDs()Ljava/util/Set;
java/security/cert/X509Extension getExtensionValue(Ljava/lang/String;)[B
class java/security/cert/CertificateFactorySpi java/lang/Object
java/security/cert/CertificateFactorySpi <init>()V
java/security/cert/CertificateFactorySpi
engineGenerateCertificate(Ljava/io/InputStream;)Ljava/security/cert/Certificate;
java/security/cert/CertificateFactorySpi
engineGenerateCertPath(Ljava/io/InputStream;)Ljava/security/cert/CertPath;
java/security/cert/CertificateFactorySpi
engineGenerateCertPath(Ljava/io/InputStream;Ljava/lang/String;)Ljava/security/cert/CertPath;
java/security/cert/CertificateFactorySpi engineGenerateCertPath(Ljava/util/List;)Ljava/security/cert/CertPath;
java/security/cert/CertificateFactorySpi
engineGetCertPathEncodings()Ljava/util/Iterator;
java/security/cert/CertificateFactorySpi engineGenerateCertificates(Ljava/io/InputStream;)Ljava/util/Collection;
java/security/cert/CertificateFactorySpi engineGenerateCRL(Ljava/io/InputStream;)Ljava/security/cert/CRL;
java/security/cert/CertificateFactorySpi engineGenerateCRLs(Ljava/io/InputStream;)Ljava/util/Collection;
class java/security/cert/CertificateFactory java/lang/Object
java/security/cert/CertificateFactory type
java/security/cert/CertificateFactory provider
java/security/cert/CertificateFactory certFacSpi
java/security/cert/CertificateFactory
<init>(Ljava/security/cert/CertificateFactorySpi;Ljava/security/Provider;Ljava/lang/String;)V
java/security/cert/CertificateFactory getInstance(Ljava/lang/String;)Ljava/security/cert/CertificateFactory;
java/security/cert/CertificateFactory
getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/cert/CertificateFactory;
java/security/cert/CertificateFactory
getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/cert/CertificateFactory;
java/security/cert/CertificateFactory getProvider()Ljava/security/Provider;
java/security/cert/CertificateFactory getType()Ljava/lang/String;
java/security/cert/CertificateFactory generateCertificate(Ljava/io/InputStream;)Ljava/security/cert/Certificate;
java/security/cert/CertificateFactory getCertPathEncodings()Ljava/util/Iterator;
java/security/cert/CertificateFactory generateCertPath(Ljava/io/InputStream;)Ljava/security/cert/CertPath;
java/security/cert/CertificateFactory
generateCertPath(Ljava/io/InputStream;Ljava/lang/String;)Ljava/security/cert/CertPath;
java/security/cert/CertificateFactory generateCertPath(Ljava/util/List;)Ljava/security/cert/CertPath;

java/security/cert/CertificateFactory generateCertificates(Ljava/io/InputStream;)Ljava/util/Collection;
java/security/cert/CertificateFactory generateCRL(Ljava/io/InputStream;)Ljava/security/cert/CRL;
java/security/cert/CertificateFactory
generateCRLs(Ljava/io/InputStream;)Ljava/util/Collection;
class java/lang/IllegalThreadStateException java/lang/IllegalArgumentException
java/lang/IllegalThreadStateException <init>()V
java/lang/IllegalThreadStateException <init>(Ljava/lang/String;)V
class java/beans/BeanInfo java/lang/Object
java/beans/BeanInfo ICON_COLOR_16x16
java/beans/BeanInfo ICON_COLOR_32x32
java/beans/BeanInfo ICON_MONO_16x16
java/beans/BeanInfo ICON_MONO_32x32
java/beans/BeanInfo getBeanDescriptor()Ljava/beans/BeanDescriptor;
java/beans/BeanInfo getEventSetDescriptors()[Ljava/beans/EventSetDescriptor;
java/beans/BeanInfo getDefaultEventIndex()I
java/beans/BeanInfo getPropertyDescriptors()[Ljava/beans/PropertyDescriptor;
java/beans/BeanInfo getDefaultPropertyIndex()I
java/beans/BeanInfo getMethodDescriptors()[Ljava/beans/MethodDescriptor;
java/beans/BeanInfo getAdditionalBeanInfo()[Ljava/beans/BeanInfo;
java/beans/BeanInfo getIcon(I)Ljava/awt/Image;
class
java/beans/PropertyEditorSupport java/lang/Object
java/beans/PropertyEditorSupport value
java/beans/PropertyEditorSupport source
java/beans/PropertyEditorSupport listeners
java/beans/PropertyEditorSupport <init>()V
java/beans/PropertyEditorSupport <init>(Ljava/lang/Object;)V
java/beans/PropertyEditorSupport getSource()Ljava/lang/Object;
java/beans/PropertyEditorSupport setSource(Ljava/lang/Object;)V
java/beans/PropertyEditorSupport setValue(Ljava/lang/Object;)V
java/beans/PropertyEditorSupport getValue()Ljava/lang/Object;
java/beans/PropertyEditorSupport isPaintable()Z
java/beans/PropertyEditorSupport paintValue(Ljava/awt/Graphics;Ljava/awt/Rectangle;)V
java/beans/PropertyEditorSupport getJavaInitializationString()Ljava/lang/String;
java/beans/PropertyEditorSupport getAsText()Ljava/lang/String;
java/beans/PropertyEditorSupport setAsText(Ljava/lang/String;)V
java/beans/PropertyEditorSupport getTags()[Ljava/lang/String;
java/beans/PropertyEditorSupport getCustomEditor()Ljava/awt/Component;
java/beans/PropertyEditorSupport
supportsCustomEditor()Z
java/beans/PropertyEditorSupport addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/beans/PropertyEditorSupport removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/beans/PropertyEditorSupport firePropertyChange()V
class java/beans/PropertyEditor java/lang/Object
java/beans/PropertyEditor setValue(Ljava/lang/Object;)V
java/beans/PropertyEditor getValue()Ljava/lang/Object;
java/beans/PropertyEditor isPaintable()Z
java/beans/PropertyEditor paintValue(Ljava/awt/Graphics;Ljava/awt/Rectangle;)V

java/beans/PropertyEditor getJavaInitializationString()Ljava/lang/String;
java/beans/PropertyEditor getAsText()Ljava/lang/String;
java/beans/PropertyEditor setAsText(Ljava/lang/String;)V
java/beans/PropertyEditor getTags()[Ljava/lang/String;
java/beans/PropertyEditor getCustomEditor()Ljava/awt/Component;
java/beans/PropertyEditor supportsCustomEditor()Z
java/beans/PropertyEditor addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/beans/PropertyEditor
removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
class java/beans/PropertyEditorManager java/lang/Object
java/beans/PropertyEditorManager searchPath
java/beans/PropertyEditorManager registry
java/beans/PropertyEditorManager <init>()V
java/beans/PropertyEditorManager registerEditor(Ljava/lang/Class;Ljava/lang/Class;)V
java/beans/PropertyEditorManager findEditor(Ljava/lang/Class;)Ljava/beans/PropertyEditor;
java/beans/PropertyEditorManager getEditorSearchPath()[Ljava/lang/String;
java/beans/PropertyEditorManager setEditorSearchPath([Ljava/lang/String;)V
java/beans/PropertyEditorManager load(Ljava/lang/Class;Ljava/lang/String;)V
java/beans/PropertyEditorManager initialize()V
java/beans/PropertyEditorManager <clinit>()V
class java/beans/EventSetDescriptor java/beans/FeatureDescriptor
java/beans/EventSetDescriptor listenerMethodDescriptors
java/beans/EventSetDescriptor addMethodDescriptor
java/beans/EventSetDescriptor
removeMethodDescriptor
java/beans/EventSetDescriptor getMethodDescriptor
java/beans/EventSetDescriptor listenerMethodsRef
java/beans/EventSetDescriptor listenerTypeRef
java/beans/EventSetDescriptor unicast
java/beans/EventSetDescriptor inDefaultEventSet
java/beans/EventSetDescriptor <init>(Ljava/lang/Class;Ljava/lang/String;Ljava/lang/Class;Ljava/lang/String;)V
java/beans/EventSetDescriptor getListenerClassName(Ljava/lang/Class;)Ljava/lang/String;
java/beans/EventSetDescriptor
<init>(Ljava/lang/Class;Ljava/lang/String;Ljava/lang/Class;[Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)
V
java/beans/EventSetDescriptor
<init>(Ljava/lang/Class;Ljava/lang/String;Ljava/lang/Class;[Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;
Ljava/lang/String;)V
java/beans/EventSetDescriptor getMethod(Ljava/lang/Class;Ljava/lang/String;I)Ljava/lang/reflect/Method;
java/beans/EventSetDescriptor
<init>(Ljava/lang/String;Ljava/lang/Class;[Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;Ljava/lang/reflect/
Method;)V
java/beans/EventSetDescriptor
<init>(Ljava/lang/String;Ljava/lang/Class;[Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;Ljava/lang/reflect/
Method;Ljava/lang/reflect/Method;)V
java/beans/EventSetDescriptor
<init>(Ljava/lang/String;Ljava/lang/Class;[Ljava/beans/MethodDescriptor;Ljava/lang/reflect/Method;Ljava/lang/ref
lect/Method;)V

java/beans/EventSetDescriptor getListenerType()Ljava/lang/Class;
java/beans/EventSetDescriptor setListenerType(Ljava/lang/Class;)V
java/beans/EventSetDescriptor getListenerMethods()[Ljava/lang/reflect/Method;
java/beans/EventSetDescriptor setListenerMethods([Ljava/lang/reflect/Method;)V
java/beans/EventSetDescriptor getListenerMethods0()[Ljava/lang/reflect/Method;
java/beans/EventSetDescriptor getListenerMethodDescriptors()[Ljava/beans/MethodDescriptor;
java/beans/EventSetDescriptor getAddListenerMethod()Ljava/lang/reflect/Method;
java/beans/EventSetDescriptor setAddListenerMethod(Ljava/lang/reflect/Method;)V
java/beans/EventSetDescriptor
 getRemoveListenerMethod()Ljava/lang/reflect/Method;
java/beans/EventSetDescriptor setRemoveListenerMethod(Ljava/lang/reflect/Method;)V
java/beans/EventSetDescriptor getGetListenerMethod()Ljava/lang/reflect/Method;
java/beans/EventSetDescriptor setGetListenerMethod(Ljava/lang/reflect/Method;)V
java/beans/EventSetDescriptor setUnicast(Z)V
java/beans/EventSetDescriptor isUnicast()Z
java/beans/EventSetDescriptor setInDefaultEventSet(Z)V
java/beans/EventSetDescriptor isInDefaultEventSet()Z
java/beans/EventSetDescriptor <init>(Ljava/beans/EventSetDescriptor;Ljava/beans/EventSetDescriptor;)V
java/beans/EventSetDescriptor <init>(Ljava/beans/EventSetDescriptor;)V
class java/beans/Introspector java/lang/Object
java/beans/Introspector USE_ALL_BEANINFO
java/beans/Introspector IGNORE_IMMEDIATE_BEANINFO
java/beans/Introspector IGNORE_ALL_BEANINFO
java/beans/Introspector declaredMethodCache
java/beans/Introspector beanInfoCache
java/beans/Introspector beanClass
java/beans/Introspector
 explicitBeanInfo
java/beans/Introspector superBeanInfo
java/beans/Introspector additionalBeanInfo
java/beans/Introspector propertyChangeSource
java/beans/Introspector eventListenerType
java/beans/Introspector defaultEventName
java/beans/Introspector defaultPropertyName
java/beans/Introspector defaultEventIndex
java/beans/Introspector defaultPropertyIndex
java/beans/Introspector methods
java/beans/Introspector properties
java/beans/Introspector events
java/beans/Introspector DEFAULT_INFO_PATH
java/beans/Introspector searchPath
java/beans/Introspector EMPTY_EVENTSETDESCRIPTORS
java/beans/Introspector ADD_PREFIX
java/beans/Introspector REMOVE_PREFIX
java/beans/Introspector GET_PREFIX
java/beans/Introspector SET_PREFIX
java/beans/Introspector IS_PREFIX
java/beans/Introspector BEANINFO_SUFFIX

java/beans/Introspector pdStore
java/beans/Introspector getBeanInfo(Ljava/lang/Class;)Ljava/beans/BeanInfo;
java/beans/Introspector getBeanInfo(Ljava/lang/Class;I)Ljava/beans/BeanInfo;
java/beans/Introspector
getBeanInfo(Ljava/lang/Class;Ljava/lang/Class;)Ljava/beans/BeanInfo;
java/beans/Introspector getBeanInfo(Ljava/lang/Class;Ljava/lang/Class;I)Ljava/beans/BeanInfo;
java/beans/Introspector decapitalize(Ljava/lang/String;)Ljava/lang/String;
java/beans/Introspector getBeanInfoSearchPath()[Ljava/lang/String;
java/beans/Introspector setBeanInfoSearchPath([Ljava/lang/String;)V
java/beans/Introspector flushCaches()V
java/beans/Introspector flushFromCaches(Ljava/lang/Class;)V
java/beans/Introspector <init>(Ljava/lang/Class;Ljava/lang/Class;I)V
java/beans/Introspector getBeanInfo()Ljava/beans/BeanInfo;
java/beans/Introspector findExplicitBeanInfo(Ljava/lang/Class;)Ljava/beans/BeanInfo;
java/beans/Introspector getTargetPropertyInfo()[Ljava/beans/PropertyDescriptor;
java/beans/Introspector addPropertyDescriptor(Ljava/beans/PropertyDescriptor;)V
java/beans/Introspector processPropertyDescriptors()V
java/beans/Introspector
mergePropertyDescriptor(Ljava/beans/IndexedPropertyDescriptor;Ljava/beans/PropertyDescriptor;)Ljava/beans/PropertyDescriptor;
java/beans/Introspector
mergePropertyDescriptor(Ljava/beans/PropertyDescriptor;Ljava/beans/PropertyDescriptor;)Ljava/beans/PropertyDescriptor;
java/beans/Introspector
mergePropertyDescriptor(Ljava/beans/IndexedPropertyDescriptor;Ljava/beans/IndexedPropertyDescriptor;)Ljava/beans/PropertyDescriptor;
java/beans/Introspector getTargetEventInfo()[Ljava/beans/EventSetDescriptor;
java/beans/Introspector addEvent(Ljava/beans/EventSetDescriptor;)V
java/beans/Introspector getTargetMethodInfo()[Ljava/beans/MethodDescriptor;
java/beans/Introspector addMethod(Ljava/beans/MethodDescriptor;)V
java/beans/Introspector makeQualifiedMethodName(Ljava/lang/String;[Ljava/lang/String;)Ljava/lang/String;
java/beans/Introspector getTargetDefaultEventIndex()I
java/beans/Introspector getTargetDefaultPropertyIndex()I
java/beans/Introspector getTargetBeanDescriptor()Ljava/beans/BeanDescriptor;
java/beans/Introspector isEventHandler(Ljava/lang/reflect/Method;)Z
java/beans/Introspector
getPublicDeclaredMethods(Ljava/lang/Class;)[Ljava/lang/reflect/Method;
java/beans/Introspector
internalFindMethod(Ljava/lang/Class;Ljava/lang/String;I[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/beans/Introspector findMethod(Ljava/lang/Class;Ljava/lang/String;I)Ljava/lang/reflect/Method;
java/beans/Introspector
findMethod(Ljava/lang/Class;Ljava/lang/String;I[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/beans/Introspector isSubclass(Ljava/lang/Class;Ljava/lang/Class;)Z
java/beans/Introspector throwsException(Ljava/lang/reflect/Method;Ljava/lang/Class;)Z
java/beans/Introspector instantiate(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Object;
java/beans/Introspector <clinit>()V
class java/util/Collections$EmptySet$1 java/lang/Object
java/util/Collections$EmptySet$1 this$0

java/util/Collections$EmptySet$1 <init>(Ljava/util/Collections$EmptySet;)V
java/util/Collections$EmptySet$1 hasNext()Z
java/util/Collections$EmptySet$1 next()Ljava/lang/Object;
java/util/Collections$EmptySet$1
 remove()V
class java/util/Collections$SynchronizedRandomAccessList java/util/Collections$SynchronizedList
java/util/Collections$SynchronizedRandomAccessList serialVersionUID
java/util/Collections$SynchronizedRandomAccessList <init>(Ljava/util/List;)V
java/util/Collections$SynchronizedRandomAccessList <init>(Ljava/util/List;Ljava/lang/Object;)V
java/util/Collections$SynchronizedRandomAccessList subList(II)Ljava/util/List;
java/util/Collections$SynchronizedRandomAccessList writeReplace()Ljava/lang/Object;
class java/util/Collections$SynchronizedList java/util/Collections$SynchronizedCollection
java/util/Collections$SynchronizedList serialVersionUID
java/util/Collections$SynchronizedList list
java/util/Collections$SynchronizedList <init>(Ljava/util/List;)V
java/util/Collections$SynchronizedList <init>(Ljava/util/List;Ljava/lang/Object;)V
java/util/Collections$SynchronizedList equals(Ljava/lang/Object;)Z
java/util/Collections$SynchronizedList
 hashCode()I
java/util/Collections$SynchronizedList get(I)Ljava/lang/Object;
java/util/Collections$SynchronizedList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/Collections$SynchronizedList add(ILjava/lang/Object;)V
java/util/Collections$SynchronizedList remove(I)Ljava/lang/Object;
java/util/Collections$SynchronizedList indexOf(Ljava/lang/Object;)I
java/util/Collections$SynchronizedList lastIndexOf(Ljava/lang/Object;)I
java/util/Collections$SynchronizedList addAll(ILjava/util/Collection;)Z
java/util/Collections$SynchronizedList listIterator()Ljava/util/ListIterator;
java/util/Collections$SynchronizedList listIterator(I)Ljava/util/ListIterator;
java/util/Collections$SynchronizedList subList(II)Ljava/util/List;
java/util/Collections$SynchronizedList readResolve()Ljava/lang/Object;
class java/util/ConcurrentModificationException java/lang/RuntimeException
java/util/ConcurrentModificationException <init>()V
java/util/ConcurrentModificationException <init>(Ljava/lang/String;)V
class
 java/util/Collections$UnmodifiableRandomAccessList java/util/Collections$UnmodifiableList
java/util/Collections$UnmodifiableRandomAccessList serialVersionUID
java/util/Collections$UnmodifiableRandomAccessList <init>(Ljava/util/List;)V
java/util/Collections$UnmodifiableRandomAccessList subList(II)Ljava/util/List;
java/util/Collections$UnmodifiableRandomAccessList writeReplace()Ljava/lang/Object;
class java/util/Collections$UnmodifiableList java/util/Collections$UnmodifiableCollection
java/util/Collections$UnmodifiableList serialVersionUID
java/util/Collections$UnmodifiableList list
java/util/Collections$UnmodifiableList <init>(Ljava/util/List;)V
java/util/Collections$UnmodifiableList equals(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableList hashCode()I
java/util/Collections$UnmodifiableList get(I)Ljava/lang/Object;
java/util/Collections$UnmodifiableList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/Collections$UnmodifiableList add(ILjava/lang/Object;)V

java/util/Collections$UnmodifiableList
 remove(I)Ljava/lang/Object;
java/util/Collections$UnmodifiableList indexOf(Ljava/lang/Object;)I
java/util/Collections$UnmodifiableList lastIndexOf(Ljava/lang/Object;)I
java/util/Collections$UnmodifiableList addAll(ILjava/util/Collection;)Z
java/util/Collections$UnmodifiableList listIterator()Ljava/util/ListIterator;
java/util/Collections$UnmodifiableList listIterator(I)Ljava/util/ListIterator;
java/util/Collections$UnmodifiableList subList(II)Ljava/util/List;
java/util/Collections$UnmodifiableList readResolve()Ljava/lang/Object;
class java/io/ObjectInputValidation java/lang/Object
java/io/ObjectInputValidation validateObject()V
class java/io/SyncFailedException java/io/IOException
java/io/SyncFailedException <init>(Ljava/lang/String;)V
class java/io/NotSerializableException java/io/ObjectStreamException
java/io/NotSerializableException <init>(Ljava/lang/String;)V
java/io/NotSerializableException <init>()V
class java/beans/PropertyVetoException java/lang/Exception
java/beans/PropertyVetoException
 evt
java/beans/PropertyVetoException <init>(Ljava/lang/String;Ljava/beans/PropertyChangeEvent;)V
java/beans/PropertyVetoException getPropertyChangeEvent()Ljava/beans/PropertyChangeEvent;
class java/util/HashMap$ValueIterator java/util/HashMap$HashIterator
java/util/HashMap$ValueIterator this$0
java/util/HashMap$ValueIterator <init>(Ljava/util/HashMap;)V
java/util/HashMap$ValueIterator next()Ljava/lang/Object;
java/util/HashMap$ValueIterator <init>(Ljava/util/HashMap;Ljava/util/HashMap$1;)V
class java/util/HashMap$Values java/util/AbstractCollection
java/util/HashMap$Values this$0
java/util/HashMap$Values <init>(Ljava/util/HashMap;)V
java/util/HashMap$Values iterator()Ljava/util/Iterator;
java/util/HashMap$Values size()I
java/util/HashMap$Values contains(Ljava/lang/Object;)Z
java/util/HashMap$Values clear()V
java/util/HashMap$Values <init>(Ljava/util/HashMap;Ljava/util/HashMap$1;)V
class java/lang/Class$MethodArray java/lang/Object
java/lang/Class$MethodArray
 methods
java/lang/Class$MethodArray length
java/lang/Class$MethodArray <init>()V
java/lang/Class$MethodArray add(Ljava/lang/reflect/Method;)V
java/lang/Class$MethodArray addAll([Ljava/lang/reflect/Method;)V
java/lang/Class$MethodArray addAll(Ljava/lang/Class$MethodArray;)V
java/lang/Class$MethodArray addIfNotPresent(Ljava/lang/reflect/Method;)V
java/lang/Class$MethodArray addAllIfNotPresent(Ljava/lang/Class$MethodArray;)V
java/lang/Class$MethodArray length()I
java/lang/Class$MethodArray get(I)Ljava/lang/reflect/Method;
java/lang/Class$MethodArray removeByNameAndSignature(Ljava/lang/reflect/Method;)V
java/lang/Class$MethodArray compactAndTrim()V

java/lang/Class$MethodArray getArray()[Ljava/lang/reflect/Method;
class java/util/Collections$SingletonSet$1 java/lang/Object
java/util/Collections$SingletonSet$1 hasNext
java/util/Collections$SingletonSet$1 this$0
java/util/Collections$SingletonSet$1 <init>(Ljava/util/Collections$SingletonSet;)V
java/util/Collections$SingletonSet$1 hasNext()Z
java/util/Collections$SingletonSet$1
 next()Ljava/lang/Object;
java/util/Collections$SingletonSet$1 remove()V
class java/util/Collections$SingletonSet java/util/AbstractSet
java/util/Collections$SingletonSet serialVersionUID
java/util/Collections$SingletonSet element
java/util/Collections$SingletonSet <init>(Ljava/lang/Object;)V
java/util/Collections$SingletonSet iterator()Ljava/util/Iterator;
java/util/Collections$SingletonSet size()I
java/util/Collections$SingletonSet contains(Ljava/lang/Object;)Z
java/util/Collections$SingletonSet access$400(Ljava/util/Collections$SingletonSet;)Ljava/lang/Object;
class java/util/Collections$1 java/lang/Object
java/util/Collections$1 i
java/util/Collections$1 val$c
java/util/Collections$1 <init>(Ljava/util/Collection;)V
java/util/Collections$1 hasMoreElements()Z
java/util/Collections$1 nextElement()Ljava/lang/Object;
class java/util/Timer$1 java/lang/Object
java/util/Timer$1 this$0
java/util/Timer$1 <init>(Ljava/util/Timer;)V
java/util/Timer$1 finalize()V
class
 java/util/TimerThread java/lang/Thread
java/util/TimerThread newTasksMayBeScheduled
java/util/TimerThread queue
java/util/TimerThread <init>(Ljava/util/TaskQueue;)V
java/util/TimerThread run()V
java/util/TimerThread mainLoop()V
class java/util/TimerTask java/lang/Object
java/util/TimerTask lock
java/util/TimerTask state
java/util/TimerTask VIRGIN
java/util/TimerTask SCHEDULED
java/util/TimerTask EXECUTED
java/util/TimerTask CANCELLED
java/util/TimerTask nextExecutionTime
java/util/TimerTask period
java/util/TimerTask <init>()V
java/util/TimerTask run()V
java/util/TimerTask cancel()Z
java/util/TimerTask scheduledExecutionTime()J
class java/util/TaskQueue java/lang/Object

java/util/TaskQueue queue
java/util/TaskQueue size
java/util/TaskQueue $assertionsDisabled
java/util/TaskQueue <init>()V
java/util/TaskQueue size()I
java/util/TaskQueue add(Ljava/util/TimerTask;)V
java/util/TaskQueue getMin()Ljava/util/TimerTask;
java/util/TaskQueue get(I)Ljava/util/TimerTask;
java/util/TaskQueue
 removeMin()V
java/util/TaskQueue quickRemove(I)V
java/util/TaskQueue rescheduleMin(J)V
java/util/TaskQueue isEmpty()Z
java/util/TaskQueue clear()V
java/util/TaskQueue fixUp(I)V
java/util/TaskQueue fixDown(I)V
java/util/TaskQueue heapify()V
java/util/TaskQueue <clinit>()V
class java/util/Timer java/lang/Object
java/util/Timer queue
java/util/Timer thread
java/util/Timer threadReaper
java/util/Timer nextSerialNumber
java/util/Timer serialNumber()I
java/util/Timer <init>()V
java/util/Timer <init>(Z)V
java/util/Timer <init>(Ljava/lang/String;)V
java/util/Timer <init>(Ljava/lang/String;Z)V
java/util/Timer schedule(Ljava/util/TimerTask;J)V
java/util/Timer schedule(Ljava/util/TimerTask;Ljava/util/Date;)V
java/util/Timer schedule(Ljava/util/TimerTask;JJ)V
java/util/Timer schedule(Ljava/util/TimerTask;Ljava/util/Date;J)V
java/util/Timer scheduleAtFixedRate(Ljava/util/TimerTask;JJ)V
java/util/Timer scheduleAtFixedRate(Ljava/util/TimerTask;Ljava/util/Date;J)V
java/util/Timer sched(Ljava/util/TimerTask;JJ)V
java/util/Timer
 cancel()V
java/util/Timer purge()I
java/util/Timer access$000(Ljava/util/Timer;)Ljava/util/TaskQueue;
java/util/Timer access$100(Ljava/util/Timer;)Ljava/util/TimerThread;
java/util/Timer <clinit>()V
class java/beans/PropertyDescriptor java/beans/FeatureDescriptor
java/beans/PropertyDescriptor propertyTypeRef
java/beans/PropertyDescriptor readMethodRef
java/beans/PropertyDescriptor writeMethodRef
java/beans/PropertyDescriptor propertyEditorClassRef
java/beans/PropertyDescriptor bound
java/beans/PropertyDescriptor constrained

java/beans/PropertyDescriptor baseName
java/beans/PropertyDescriptor writeMethodName
java/beans/PropertyDescriptor readMethodName
java/beans/PropertyDescriptor <init>(Ljava/lang/String;Ljava/lang/Class;)V
java/beans/PropertyDescriptor <init>(Ljava/lang/String;Ljava/lang/Class;Ljava/lang/String;Ljava/lang/String;)V
java/beans/PropertyDescriptor <init>(Ljava/lang/String;Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;)V
java/beans/PropertyDescriptor
getPropertyType()Ljava/lang/Class;
java/beans/PropertyDescriptor setPropertyType(Ljava/lang/Class;)V
java/beans/PropertyDescriptor getPropertyType0()Ljava/lang/Class;
java/beans/PropertyDescriptor getReadMethod()Ljava/lang/reflect/Method;
java/beans/PropertyDescriptor setReadMethod(Ljava/lang/reflect/Method;)V
java/beans/PropertyDescriptor getWriteMethod()Ljava/lang/reflect/Method;
java/beans/PropertyDescriptor setWriteMethod(Ljava/lang/reflect/Method;)V
java/beans/PropertyDescriptor getReadMethod0()Ljava/lang/reflect/Method;
java/beans/PropertyDescriptor getWriteMethod0()Ljava/lang/reflect/Method;
java/beans/PropertyDescriptor setClass0(Ljava/lang/Class;)V
java/beans/PropertyDescriptor isBound()Z
java/beans/PropertyDescriptor setBound(Z)V
java/beans/PropertyDescriptor isConstrained()Z
java/beans/PropertyDescriptor setConstrained(Z)V
java/beans/PropertyDescriptor setPropertyEditorClass(Ljava/lang/Class;)V
java/beans/PropertyDescriptor getPropertyEditorClass()Ljava/lang/Class;
java/beans/PropertyDescriptor
createPropertyEditor(Ljava/lang/Object;)Ljava/beans/PropertyEditor;
java/beans/PropertyDescriptor equals(Ljava/lang/Object;)Z
java/beans/PropertyDescriptor compareMethods(Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;)Z
java/beans/PropertyDescriptor <init>(Ljava/beans/PropertyDescriptor;Ljava/beans/PropertyDescriptor;)V
java/beans/PropertyDescriptor <init>(Ljava/beans/PropertyDescriptor;)V
java/beans/PropertyDescriptor
findPropertyType(Ljava/lang/reflect/Method;Ljava/lang/reflect/Method;)Ljava/lang/Class;
java/beans/PropertyDescriptor hashCode()I
java/beans/PropertyDescriptor getBaseName()Ljava/lang/String;
class java/beans/FeatureDescriptor java/lang/Object
java/beans/FeatureDescriptor classRef
java/beans/FeatureDescriptor expert
java/beans/FeatureDescriptor hidden
java/beans/FeatureDescriptor preferred
java/beans/FeatureDescriptor shortDescription
java/beans/FeatureDescriptor name
java/beans/FeatureDescriptor displayName
java/beans/FeatureDescriptor
table
java/beans/FeatureDescriptor <init>()V
java/beans/FeatureDescriptor getName()Ljava/lang/String;
java/beans/FeatureDescriptor setName(Ljava/lang/String;)V
java/beans/FeatureDescriptor getDisplayName()Ljava/lang/String;
java/beans/FeatureDescriptor setDisplayName(Ljava/lang/String;)V

java/beans/FeatureDescriptor isExpert()Z
java/beans/FeatureDescriptor setExpert(Z)V
java/beans/FeatureDescriptor isHidden()Z
java/beans/FeatureDescriptor setHidden(Z)V
java/beans/FeatureDescriptor isPreferred()Z
java/beans/FeatureDescriptor setPreferred(Z)V
java/beans/FeatureDescriptor getShortDescription()Ljava/lang/String;
java/beans/FeatureDescriptor setShortDescription(Ljava/lang/String;)V
java/beans/FeatureDescriptor setValue(Ljava/lang/String;Ljava/lang/Object;)V
java/beans/FeatureDescriptor getValue(Ljava/lang/String;)Ljava/lang/Object;
java/beans/FeatureDescriptor attributeNames()Ljava/util/Enumeration;
java/beans/FeatureDescriptor <init>(Ljava/beans/FeatureDescriptor;Ljava/beans/FeatureDescriptor;)V
java/beans/FeatureDescriptor
 <init>(Ljava/beans/FeatureDescriptor;)V
java/beans/FeatureDescriptor addTable(Ljava/util/Hashtable;)V
java/beans/FeatureDescriptor setClass0(Ljava/lang/Class;)V
java/beans/FeatureDescriptor getClass0()Ljava/lang/Class;
java/beans/FeatureDescriptor createReference(Ljava/lang/Object;Z)Ljava/lang/ref/Reference;
java/beans/FeatureDescriptor createReference(Ljava/lang/Object;)Ljava/lang/ref/Reference;
java/beans/FeatureDescriptor getObject(Ljava/lang/ref/Reference;)Ljava/lang/Object;
java/beans/FeatureDescriptor capitalize(Ljava/lang/String;)Ljava/lang/String;
class java/beans/IntrospectionException java/lang/Exception
java/beans/IntrospectionException <init>(Ljava/lang/String;)V
class java/io/InvalidObjectException java/io/ObjectStreamException
java/io/InvalidObjectException <init>(Ljava/lang/String;)V
class java/lang/SecurityManager java/lang/Object
java/lang/SecurityManager inCheck
java/lang/SecurityManager initialized
java/lang/SecurityManager
 rootGroup
java/lang/SecurityManager packageAccessValid
java/lang/SecurityManager packageAccess
java/lang/SecurityManager packageAccessLock
java/lang/SecurityManager packageDefinitionValid
java/lang/SecurityManager packageDefinition
java/lang/SecurityManager packageDefinitionLock
java/lang/SecurityManager hasAllPermission()Z
java/lang/SecurityManager getInCheck()Z
java/lang/SecurityManager <init>()V
java/lang/SecurityManager getClassContext()[Ljava/lang/Class;
java/lang/SecurityManager currentClassLoader()Ljava/lang/ClassLoader;
java/lang/SecurityManager currentClassLoader0()Ljava/lang/ClassLoader;
java/lang/SecurityManager currentLoadedClass()Ljava/lang/Class;
java/lang/SecurityManager classDepth(Ljava/lang/String;)I
java/lang/SecurityManager classLoaderDepth()I
java/lang/SecurityManager classLoaderDepth0()I
java/lang/SecurityManager inClass(Ljava/lang/String;)Z
java/lang/SecurityManager inClassLoader()Z

java/lang/SecurityManager getSecurityContext()Ljava/lang/Object;
java/lang/SecurityManager
checkPermission(Ljava/security/Permission;)V
java/lang/SecurityManager checkPermission(Ljava/security/Permission;Ljava/lang/Object;)V
java/lang/SecurityManager checkCreateClassLoader()V
java/lang/SecurityManager getRootGroup()Ljava/lang/ThreadGroup;
java/lang/SecurityManager checkAccess(Ljava/lang/Thread;)V
java/lang/SecurityManager checkAccess(Ljava/lang/ThreadGroup;)V
java/lang/SecurityManager checkExit(I)V
java/lang/SecurityManager checkExec(Ljava/lang/String;)V
java/lang/SecurityManager checkLink(Ljava/lang/String;)V
java/lang/SecurityManager checkRead(Ljava/io/FileDescriptor;)V
java/lang/SecurityManager checkRead(Ljava/lang/String;)V
java/lang/SecurityManager checkRead(Ljava/lang/String;Ljava/lang/Object;)V
java/lang/SecurityManager checkWrite(Ljava/io/FileDescriptor;)V
java/lang/SecurityManager checkWrite(Ljava/lang/String;)V
java/lang/SecurityManager checkDelete(Ljava/lang/String;)V
java/lang/SecurityManager checkConnect(Ljava/lang/String;I)V
java/lang/SecurityManager
checkConnect(Ljava/lang/String;ILjava/lang/Object;)V
java/lang/SecurityManager checkListen(I)V
java/lang/SecurityManager checkAccept(Ljava/lang/String;I)V
java/lang/SecurityManager checkMulticast(Ljava/net/InetAddress;)V
java/lang/SecurityManager checkMulticast(Ljava/net/InetAddress;B)V
java/lang/SecurityManager checkPropertiesAccess()V
java/lang/SecurityManager checkPropertyAccess(Ljava/lang/String;)V
java/lang/SecurityManager checkTopLevelWindow(Ljava/lang/Object;)Z
java/lang/SecurityManager checkPrintJobAccess()V
java/lang/SecurityManager checkSystemClipboardAccess()V
java/lang/SecurityManager checkAwtEventQueueAccess()V
java/lang/SecurityManager getPackages(Ljava/lang/String;)[Ljava/lang/String;
java/lang/SecurityManager checkPackageAccess(Ljava/lang/String;)V
java/lang/SecurityManager checkPackageDefinition(Ljava/lang/String;)V
java/lang/SecurityManager checkSetFactory()V
java/lang/SecurityManager checkMemberAccess(Ljava/lang/Class;I)V
java/lang/SecurityManager checkSecurityAccess(Ljava/lang/String;)V
java/lang/SecurityManager
currentLoadedClass0()Ljava/lang/Class;
java/lang/SecurityManager getThreadGroup()Ljava/lang/ThreadGroup;
java/lang/SecurityManager <clinit>()V
class java/lang/UnsupportedOperationException java/lang/RuntimeException
java/lang/UnsupportedOperationException serialVersionUID
java/lang/UnsupportedOperationException <init>()V
java/lang/UnsupportedOperationException <init>(Ljava/lang/String;)V
java/lang/UnsupportedOperationException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/UnsupportedOperationException <init>(Ljava/lang/Throwable;)V
class java/security/AllPermissionCollection java/security/PermissionCollection
java/security/AllPermissionCollection serialVersionUID

java/security/AllPermissionCollection all_allowed
java/security/AllPermissionCollection <init>()V
java/security/AllPermissionCollection add(Ljava/security/Permission;)V
java/security/AllPermissionCollection implies(Ljava/security/Permission;)Z
java/security/AllPermissionCollection
elements()Ljava/util/Enumeration;
java/security/AllPermissionCollection access$000(Ljava/security/AllPermissionCollection;)Z
class java/net/URISyntaxException java/lang/Exception
java/net/URISyntaxException input
java/net/URISyntaxException index
java/net/URISyntaxException <init>(Ljava/lang/String;Ljava/lang/String;I)V
java/net/URISyntaxException <init>(Ljava/lang/String;Ljava/lang/String;)V
java/net/URISyntaxException getInput()Ljava/lang/String;
java/net/URISyntaxException getReason()Ljava/lang/String;
java/net/URISyntaxException getIndex()I
java/net/URISyntaxException getMessage()Ljava/lang/String;
class java/io/FileFilter java/lang/Object
java/io/FileFilter accept(Ljava/io/File;)Z
class java/util/NoSuchElementException java/lang/RuntimeException
java/util/NoSuchElementException <init>()V
java/util/NoSuchElementException <init>(Ljava/lang/String;)V
class java/awt/geom/LineIterator java/lang/Object
java/awt/geom/LineIterator line
java/awt/geom/LineIterator affine
java/awt/geom/LineIterator
index
java/awt/geom/LineIterator <init>(Ljava/awt/geom/Line2D;Ljava/awt/geom/AffineTransform;)V
java/awt/geom/LineIterator getWindingRule()I
java/awt/geom/LineIterator isDone()Z
java/awt/geom/LineIterator next()V
java/awt/geom/LineIterator currentSegment([F)I
java/awt/geom/LineIterator currentSegment([D)I
class java/awt/geom/PathIterator java/lang/Object
java/awt/geom/PathIterator WIND_EVEN_ODD
java/awt/geom/PathIterator WIND_NON_ZERO
java/awt/geom/PathIterator SEG_MOVETO
java/awt/geom/PathIterator SEG_LINETO
java/awt/geom/PathIterator SEG_QUADTO
java/awt/geom/PathIterator SEG_CUBICTO
java/awt/geom/PathIterator SEG_CLOSE
java/awt/geom/PathIterator getWindingRule()I
java/awt/geom/PathIterator isDone()Z
java/awt/geom/PathIterator next()V
java/awt/geom/PathIterator currentSegment([F)I
java/awt/geom/PathIterator currentSegment([D)I
class java/awt/geom/Line2D$Float java/awt/geom/Line2D
java/awt/geom/Line2D$Float x1
java/awt/geom/Line2D$Float y1

java/awt/geom/Line2D$Float
x2
java/awt/geom/Line2D$Float y2
java/awt/geom/Line2D$Float <init>()V
java/awt/geom/Line2D$Float <init>(FFFF)V
java/awt/geom/Line2D$Float <init>(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)V
java/awt/geom/Line2D$Float getX1()D
java/awt/geom/Line2D$Float getY1()D
java/awt/geom/Line2D$Float getP1()Ljava/awt/geom/Point2D;
java/awt/geom/Line2D$Float getX2()D
java/awt/geom/Line2D$Float getY2()D
java/awt/geom/Line2D$Float getP2()Ljava/awt/geom/Point2D;
java/awt/geom/Line2D$Float setLine(DDDD)V
java/awt/geom/Line2D$Float setLine(FFFF)V
java/awt/geom/Line2D$Float getBounds2D()Ljava/awt/geom/Rectangle2D;
class java/awt/geom/Line2D java/lang/Object
java/awt/geom/Line2D <init>()V
java/awt/geom/Line2D getX1()D
java/awt/geom/Line2D getY1()D
java/awt/geom/Line2D getP1()Ljava/awt/geom/Point2D;
java/awt/geom/Line2D getX2()D
java/awt/geom/Line2D getY2()D
java/awt/geom/Line2D getP2()Ljava/awt/geom/Point2D;
java/awt/geom/Line2D setLine(DDDD)V
java/awt/geom/Line2D setLine(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)V
java/awt/geom/Line2D
setLine(Ljava/awt/geom/Line2D;)V
java/awt/geom/Line2D relativeCCW(DDDDDD)I
java/awt/geom/Line2D relativeCCW(DD)I
java/awt/geom/Line2D relativeCCW(Ljava/awt/geom/Point2D;)I
java/awt/geom/Line2D linesIntersect(DDDDDDDD)Z
java/awt/geom/Line2D intersectsLine(DDDD)Z
java/awt/geom/Line2D intersectsLine(Ljava/awt/geom/Line2D;)Z
java/awt/geom/Line2D ptSegDistSq(DDDDDD)D
java/awt/geom/Line2D ptSegDist(DDDDDD)D
java/awt/geom/Line2D ptSegDistSq(DD)D
java/awt/geom/Line2D ptSegDistSq(Ljava/awt/geom/Point2D;)D
java/awt/geom/Line2D ptSegDist(DD)D
java/awt/geom/Line2D ptSegDist(Ljava/awt/geom/Point2D;)D
java/awt/geom/Line2D ptLineDistSq(DDDDDD)D
java/awt/geom/Line2D ptLineDist(DDDDDD)D
java/awt/geom/Line2D ptLineDistSq(DD)D
java/awt/geom/Line2D ptLineDistSq(Ljava/awt/geom/Point2D;)D
java/awt/geom/Line2D ptLineDist(DD)D
java/awt/geom/Line2D ptLineDist(Ljava/awt/geom/Point2D;)D
java/awt/geom/Line2D contains(DD)Z
java/awt/geom/Line2D contains(Ljava/awt/geom/Point2D;)Z
java/awt/geom/Line2D

intersects(DDDD)Z
java/awt/geom/Line2D intersects(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/Line2D contains(DDDD)Z
java/awt/geom/Line2D contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/Line2D getBounds()Ljava/awt/Rectangle;
java/awt/geom/Line2D getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
java/awt/geom/Line2D getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
java/awt/geom/Line2D clone()Ljava/lang/Object;
class java/awt/EventQueue$1AWTInvocationLock java/lang/Object
java/awt/EventQueue$1AWTInvocationLock <init>()V
class java/net/PlainDatagramSocketImpl java/net/DatagramSocketImpl
java/net/PlainDatagramSocketImpl timeout
java/net/PlainDatagramSocketImpl trafficClass
java/net/PlainDatagramSocketImpl connected
java/net/PlainDatagramSocketImpl connectedAddress
java/net/PlainDatagramSocketImpl connectedPort
java/net/PlainDatagramSocketImpl multicastInterface
java/net/PlainDatagramSocketImpl
loopbackMode
java/net/PlainDatagramSocketImpl ttl
java/net/PlainDatagramSocketImpl fd1
java/net/PlainDatagramSocketImpl fduse
java/net/PlainDatagramSocketImpl lastfd
java/net/PlainDatagramSocketImpl anyLocalBoundAddr
java/net/PlainDatagramSocketImpl <init>()V
java/net/PlainDatagramSocketImpl create()V
java/net/PlainDatagramSocketImpl bind(ILjava/net/InetAddress;)V
java/net/PlainDatagramSocketImpl bind0(ILjava/net/InetAddress;)V
java/net/PlainDatagramSocketImpl send(Ljava/net/DatagramPacket;)V
java/net/PlainDatagramSocketImpl connect(Ljava/net/InetAddress;I)V
java/net/PlainDatagramSocketImpl disconnect()V
java/net/PlainDatagramSocketImpl peek(Ljava/net/InetAddress;)I
java/net/PlainDatagramSocketImpl peekData(Ljava/net/DatagramPacket;)I
java/net/PlainDatagramSocketImpl receive(Ljava/net/DatagramPacket;)V
java/net/PlainDatagramSocketImpl receive0(Ljava/net/DatagramPacket;)V
java/net/PlainDatagramSocketImpl setTimeToLive(I)V
java/net/PlainDatagramSocketImpl getTimeToLive()I
java/net/PlainDatagramSocketImpl
setTTL(B)V
java/net/PlainDatagramSocketImpl getTTL()B
java/net/PlainDatagramSocketImpl join(Ljava/net/InetAddress;)V
java/net/PlainDatagramSocketImpl leave(Ljava/net/InetAddress;)V
java/net/PlainDatagramSocketImpl joinGroup(Ljava/net/SocketAddress;Ljava/net/NetworkInterface;)V
java/net/PlainDatagramSocketImpl join(Ljava/net/InetAddress;Ljava/net/NetworkInterface;)V
java/net/PlainDatagramSocketImpl leaveGroup(Ljava/net/SocketAddress;Ljava/net/NetworkInterface;)V
java/net/PlainDatagramSocketImpl leave(Ljava/net/InetAddress;Ljava/net/NetworkInterface;)V
java/net/PlainDatagramSocketImpl close()V
java/net/PlainDatagramSocketImpl finalize()V

java/net/PlainDatagramSocketImpl setOption(ILjava/lang/Object;)V
java/net/PlainDatagramSocketImpl getOption(I)Ljava/lang/Object;
java/net/PlainDatagramSocketImpl datagramSocketCreate()V
java/net/PlainDatagramSocketImpl datagramSocketClose()V
java/net/PlainDatagramSocketImpl socketSetOption(ILjava/lang/Object;)V
java/net/PlainDatagramSocketImpl
socketGetOption(I)Ljava/lang/Object;
java/net/PlainDatagramSocketImpl connect0(Ljava/net/InetAddress;I)V
java/net/PlainDatagramSocketImpl disconnect0(I)V
java/net/PlainDatagramSocketImpl init()V
java/net/PlainDatagramSocketImpl <clinit>()V
class java/net/DatagramSocketImpl java/lang/Object
java/net/DatagramSocketImpl localPort
java/net/DatagramSocketImpl fd
java/net/DatagramSocketImpl <init>()V
java/net/DatagramSocketImpl create()V
java/net/DatagramSocketImpl bind(ILjava/net/InetAddress;)V
java/net/DatagramSocketImpl send(Ljava/net/DatagramPacket;)V
java/net/DatagramSocketImpl connect(Ljava/net/InetAddress;I)V
java/net/DatagramSocketImpl disconnect()V
java/net/DatagramSocketImpl peek(Ljava/net/InetAddress;)I
java/net/DatagramSocketImpl peekData(Ljava/net/DatagramPacket;)I
java/net/DatagramSocketImpl receive(Ljava/net/DatagramPacket;)V
java/net/DatagramSocketImpl setTTL(B)V
java/net/DatagramSocketImpl getTTL()B
java/net/DatagramSocketImpl setTimeToLive(I)V
java/net/DatagramSocketImpl
getTimeToLive()I
java/net/DatagramSocketImpl join(Ljava/net/InetAddress;)V
java/net/DatagramSocketImpl leave(Ljava/net/InetAddress;)V
java/net/DatagramSocketImpl joinGroup(Ljava/net/SocketAddress;Ljava/net/NetworkInterface;)V
java/net/DatagramSocketImpl leaveGroup(Ljava/net/SocketAddress;Ljava/net/NetworkInterface;)V
java/net/DatagramSocketImpl close()V
java/net/DatagramSocketImpl getLocalPort()I
java/net/DatagramSocketImpl getFileDescriptor()Ljava/io/FileDescriptor;
class java/math/SignedMutableBigInteger java/math/MutableBigInteger
java/math/SignedMutableBigInteger sign
java/math/SignedMutableBigInteger <init>()V
java/math/SignedMutableBigInteger <init>(I)V
java/math/SignedMutableBigInteger <init>(Ljava/math/MutableBigInteger;)V
java/math/SignedMutableBigInteger signedAdd(Ljava/math/SignedMutableBigInteger;)V
java/math/SignedMutableBigInteger signedAdd(Ljava/math/MutableBigInteger;)V
java/math/SignedMutableBigInteger signedSubtract(Ljava/math/SignedMutableBigInteger;)V
java/math/SignedMutableBigInteger
signedSubtract(Ljava/math/MutableBigInteger;)V
java/math/SignedMutableBigInteger toString()Ljava/lang/String;
class java/math/MutableBigInteger java/lang/Object
java/math/MutableBigInteger value

java/math/MutableBigInteger intLen
java/math/MutableBigInteger offset
java/math/MutableBigInteger LONG_MASK
java/math/MutableBigInteger <init>()V
java/math/MutableBigInteger <init>(I)V
java/math/MutableBigInteger <init>([II)V
java/math/MutableBigInteger <init>([I)V
java/math/MutableBigInteger <init>(Ljava/math/BigInteger;)V
java/math/MutableBigInteger <init>(Ljava/math/MutableBigInteger;)V
java/math/MutableBigInteger clear()V
java/math/MutableBigInteger reset()V
java/math/MutableBigInteger compare(Ljava/math/MutableBigInteger;)I
java/math/MutableBigInteger getLowestSetBit()I
java/math/MutableBigInteger getInt(I)I
java/math/MutableBigInteger getLong(I)J
java/math/MutableBigInteger normalize()V
java/math/MutableBigInteger ensureCapacity(I)V
java/math/MutableBigInteger toIntArray()[I
java/math/MutableBigInteger
setInt(II)V
java/math/MutableBigInteger setValue([II)V
java/math/MutableBigInteger copyValue(Ljava/math/MutableBigInteger;)V
java/math/MutableBigInteger copyValue([I)V
java/math/MutableBigInteger isOne()Z
java/math/MutableBigInteger isZero()Z
java/math/MutableBigInteger isEven()Z
java/math/MutableBigInteger isOdd()Z
java/math/MutableBigInteger isNormal()Z
java/math/MutableBigInteger toString()Ljava/lang/String;
java/math/MutableBigInteger rightShift(I)V
java/math/MutableBigInteger leftShift(I)V
java/math/MutableBigInteger divadd([I[II)I
java/math/MutableBigInteger mulsub([I[IIII)I
java/math/MutableBigInteger primitiveRightShift(I)V
java/math/MutableBigInteger primitiveLeftShift(I)V
java/math/MutableBigInteger add(Ljava/math/MutableBigInteger;)V
java/math/MutableBigInteger subtract(Ljava/math/MutableBigInteger;)I
java/math/MutableBigInteger difference(Ljava/math/MutableBigInteger;)I
java/math/MutableBigInteger multiply(Ljava/math/MutableBigInteger;Ljava/math/MutableBigInteger;)V
java/math/MutableBigInteger
mul(ILjava/math/MutableBigInteger;)V
java/math/MutableBigInteger divideOneWord(ILjava/math/MutableBigInteger;)V
java/math/MutableBigInteger
divide(Ljava/math/MutableBigInteger;Ljava/math/MutableBigInteger;Ljava/math/MutableBigInteger;)V
java/math/MutableBigInteger unsignedLongCompare(JJ)Z
java/math/MutableBigInteger divWord([IJI)V
java/math/MutableBigInteger hybridGCD(Ljava/math/MutableBigInteger;)Ljava/math/MutableBigInteger;
java/math/MutableBigInteger binaryGCD(Ljava/math/MutableBigInteger;)Ljava/math/MutableBigInteger;

java/math/MutableBigInteger binaryGcd(II)I
java/math/MutableBigInteger mutableModInverse(Ljava/math/MutableBigInteger;)Ljava/math/MutableBigInteger;
java/math/MutableBigInteger modInverseMP2(I)Ljava/math/MutableBigInteger;
java/math/MutableBigInteger inverseMod32(I)I
java/math/MutableBigInteger modInverseBP2(Ljava/math/MutableBigInteger;I)Ljava/math/MutableBigInteger;
java/math/MutableBigInteger modInverse(Ljava/math/MutableBigInteger;)Ljava/math/MutableBigInteger;
java/math/MutableBigInteger
fixup(Ljava/math/MutableBigInteger;Ljava/math/MutableBigInteger;I)Ljava/math/MutableBigInteger;
java/math/MutableBigInteger euclidModInverse(I)Ljava/math/MutableBigInteger;
class java/security/spec/DSAParameterSpec java/lang/Object
java/security/spec/DSAParameterSpec p
java/security/spec/DSAParameterSpec q
java/security/spec/DSAParameterSpec g
java/security/spec/DSAParameterSpec
<init>(Ljava/math/BigInteger;Ljava/math/BigInteger;Ljava/math/BigInteger;)V
java/security/spec/DSAParameterSpec getP()Ljava/math/BigInteger;
java/security/spec/DSAParameterSpec getQ()Ljava/math/BigInteger;
java/security/spec/DSAParameterSpec getG()Ljava/math/BigInteger;
class java/security/spec/AlgorithmParameterSpec java/lang/Object
class java/security/interfaces/DSAPrivateKey java/lang/Object
java/security/interfaces/DSAPrivateKey serialVersionUID
java/security/interfaces/DSAPrivateKey getX()Ljava/math/BigInteger;
class
java/security/PrivateKey java/lang/Object
java/security/PrivateKey serialVersionUID
class java/security/Signature$Delegate java/security/Signature
java/security/Signature$Delegate sigSpi
java/security/Signature$Delegate lock
java/security/Signature$Delegate firstService
java/security/Signature$Delegate serviceIterator
java/security/Signature$Delegate warnCount
java/security/Signature$Delegate I_PUB
java/security/Signature$Delegate I_PRIV
java/security/Signature$Delegate I_PRIV_SR
java/security/Signature$Delegate <init>(Ljava/security/SignatureSpi;Ljava/lang/String;)V
java/security/Signature$Delegate <init>(Ljava/security/Provider$Service;Ljava/util/Iterator;Ljava/lang/String;)V
java/security/Signature$Delegate clone()Ljava/lang/Object;
java/security/Signature$Delegate newInstance(Ljava/security/Provider$Service;)Ljava/security/SignatureSpi;
java/security/Signature$Delegate chooseFirstProvider()V
java/security/Signature$Delegate chooseProvider(ILjava/security/Key;Ljava/security/SecureRandom;)V
java/security/Signature$Delegate
init(Ljava/security/SignatureSpi;ILjava/security/Key;Ljava/security/SecureRandom;)V
java/security/Signature$Delegate engineInitVerify(Ljava/security/PublicKey;)V
java/security/Signature$Delegate engineInitSign(Ljava/security/PrivateKey;)V
java/security/Signature$Delegate engineInitSign(Ljava/security/PrivateKey;Ljava/security/SecureRandom;)V
java/security/Signature$Delegate engineUpdate(B)V
java/security/Signature$Delegate engineUpdate([BII)V
java/security/Signature$Delegate engineUpdate(Ljava/nio/ByteBuffer;)V

java/security/Signature$Delegate engineSign()[B
java/security/Signature$Delegate engineSign([BII)I
java/security/Signature$Delegate engineVerify([B)Z
java/security/Signature$Delegate engineVerify([BII)Z
java/security/Signature$Delegate engineSetParameter(Ljava/lang/String;Ljava/lang/Object;)V
java/security/Signature$Delegate engineSetParameter(Ljava/security/spec/AlgorithmParameterSpec;)V
java/security/Signature$Delegate engineGetParameter(Ljava/lang/String;)Ljava/lang/Object;
java/security/Signature$Delegate
engineGetParameters()Ljava/security/AlgorithmParameters;
java/security/Signature$Delegate <clinit>()V
class java/io/ObjectInputStream$GetFieldImpl java/io/ObjectInputStream$GetField
java/io/ObjectInputStream$GetFieldImpl desc
java/io/ObjectInputStream$GetFieldImpl primVals
java/io/ObjectInputStream$GetFieldImpl objVals
java/io/ObjectInputStream$GetFieldImpl objHandles
java/io/ObjectInputStream$GetFieldImpl this$0
java/io/ObjectInputStream$GetFieldImpl <init>(Ljava/io/ObjectInputStream;Ljava/io/ObjectStreamClass;)V
java/io/ObjectInputStream$GetFieldImpl getObjectStreamClass()Ljava/io/ObjectStreamClass;
java/io/ObjectInputStream$GetFieldImpl defaulted(Ljava/lang/String;)Z
java/io/ObjectInputStream$GetFieldImpl get(Ljava/lang/String;Z)Z
java/io/ObjectInputStream$GetFieldImpl get(Ljava/lang/String;B)B
java/io/ObjectInputStream$GetFieldImpl get(Ljava/lang/String;C)C
java/io/ObjectInputStream$GetFieldImpl get(Ljava/lang/String;S)S
java/io/ObjectInputStream$GetFieldImpl
get(Ljava/lang/String;I)I
java/io/ObjectInputStream$GetFieldImpl get(Ljava/lang/String;F)F
java/io/ObjectInputStream$GetFieldImpl get(Ljava/lang/String;J)J
java/io/ObjectInputStream$GetFieldImpl get(Ljava/lang/String;D)D
java/io/ObjectInputStream$GetFieldImpl get(Ljava/lang/String;Ljava/lang/Object;)Ljava/lang/Object;
java/io/ObjectInputStream$GetFieldImpl readFields()V
java/io/ObjectInputStream$GetFieldImpl getFieldOffset(Ljava/lang/String;Ljava/lang/Class;)I
class java/io/ObjectInputStream$GetField java/lang/Object
java/io/ObjectInputStream$GetField <init>()V
java/io/ObjectInputStream$GetField getObjectStreamClass()Ljava/io/ObjectStreamClass;
java/io/ObjectInputStream$GetField defaulted(Ljava/lang/String;)Z
java/io/ObjectInputStream$GetField get(Ljava/lang/String;Z)Z
java/io/ObjectInputStream$GetField get(Ljava/lang/String;B)B
java/io/ObjectInputStream$GetField get(Ljava/lang/String;C)C
java/io/ObjectInputStream$GetField get(Ljava/lang/String;S)S
java/io/ObjectInputStream$GetField
get(Ljava/lang/String;I)I
java/io/ObjectInputStream$GetField get(Ljava/lang/String;J)J
java/io/ObjectInputStream$GetField get(Ljava/lang/String;F)F
java/io/ObjectInputStream$GetField get(Ljava/lang/String;D)D
java/io/ObjectInputStream$GetField get(Ljava/lang/String;Ljava/lang/Object;)Ljava/lang/Object;
class java/io/InvalidClassException java/io/ObjectStreamException
java/io/InvalidClassException classname
java/io/InvalidClassException <init>(Ljava/lang/String;)V

java/io/InvalidClassException <init>(Ljava/lang/String;Ljava/lang/String;)V
java/io/InvalidClassException getMessage()Ljava/lang/String;
class java/security/AlgorithmParametersSpi java/lang/Object
java/security/AlgorithmParametersSpi <init>()V
java/security/AlgorithmParametersSpi engineInit(Ljava/security/spec/AlgorithmParameterSpec;)V
java/security/AlgorithmParametersSpi engineInit([B)V
java/security/AlgorithmParametersSpi engineInit([BLjava/lang/String;)V
java/security/AlgorithmParametersSpi
engineGetParameterSpec(Ljava/lang/Class;)Ljava/security/spec/AlgorithmParameterSpec;
java/security/AlgorithmParametersSpi engineGetEncoded()[B
java/security/AlgorithmParametersSpi engineGetEncoded(Ljava/lang/String;)[B
java/security/AlgorithmParametersSpi engineToString()Ljava/lang/String;
class java/security/AlgorithmParameters java/lang/Object
java/security/AlgorithmParameters provider
java/security/AlgorithmParameters paramSpi
java/security/AlgorithmParameters algorithm
java/security/AlgorithmParameters initialized
java/security/AlgorithmParameters
<init>(Ljava/security/AlgorithmParametersSpi;Ljava/security/Provider;Ljava/lang/String;)V
java/security/AlgorithmParameters getAlgorithm()Ljava/lang/String;
java/security/AlgorithmParameters getInstance(Ljava/lang/String;)Ljava/security/AlgorithmParameters;
java/security/AlgorithmParameters
getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/AlgorithmParameters;
java/security/AlgorithmParameters
getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/AlgorithmParameters;
java/security/AlgorithmParameters
getProvider()Ljava/security/Provider;
java/security/AlgorithmParameters init(Ljava/security/spec/AlgorithmParameterSpec;)V
java/security/AlgorithmParameters init([B)V
java/security/AlgorithmParameters init([BLjava/lang/String;)V
java/security/AlgorithmParameters
getParameterSpec(Ljava/lang/Class;)Ljava/security/spec/AlgorithmParameterSpec;
java/security/AlgorithmParameters getEncoded()[B
java/security/AlgorithmParameters getEncoded(Ljava/lang/String;)[B
java/security/AlgorithmParameters toString()Ljava/lang/String;
class java/security/interfaces/DSAParams java/lang/Object
java/security/interfaces/DSAParams getP()Ljava/math/BigInteger;
java/security/interfaces/DSAParams getQ()Ljava/math/BigInteger;
java/security/interfaces/DSAParams getG()Ljava/math/BigInteger;
class java/math/BigInteger java/lang/Number
java/math/BigInteger signum
java/math/BigInteger mag
java/math/BigInteger bitCount
java/math/BigInteger
bitLength
java/math/BigInteger lowestSetBit
java/math/BigInteger firstNonzeroByteNum
java/math/BigInteger firstNonzeroIntNum

java/math/BigInteger LONG_MASK
java/math/BigInteger bitsPerDigit
java/math/BigInteger SMALL_PRIME_THRESHOLD
java/math/BigInteger DEFAULT_PRIME_CERTAINTY
java/math/BigInteger SMALL_PRIME_PRODUCT
java/math/BigInteger MAX_CONSTANT
java/math/BigInteger posConst
java/math/BigInteger negConst
java/math/BigInteger ZERO
java/math/BigInteger ONE
java/math/BigInteger TWO
java/math/BigInteger TEN
java/math/BigInteger bnExpModThreshTable
java/math/BigInteger trailingZeroTable
java/math/BigInteger zeros
java/math/BigInteger digitsPerLong
java/math/BigInteger longRadix
java/math/BigInteger digitsPerInt
java/math/BigInteger intRadix
java/math/BigInteger serialVersionUID
java/math/BigInteger serialPersistentFields
java/math/BigInteger $assertionsDisabled
java/math/BigInteger <init>([B)V
java/math/BigInteger <init>([I)V
java/math/BigInteger <init>(I[B)V
java/math/BigInteger
<init>(I[I)V
java/math/BigInteger <init>(Ljava/lang/String;I)V
java/math/BigInteger <init>([C)V
java/math/BigInteger parseInt([CII)I
java/math/BigInteger destructiveMulAdd([III)V
java/math/BigInteger <init>(Ljava/lang/String;)V
java/math/BigInteger <init>(ILjava/util/Random;)V
java/math/BigInteger randomBits(ILjava/util/Random;)[B
java/math/BigInteger <init>(IILjava/util/Random;)V
java/math/BigInteger probablePrime(ILjava/util/Random;)Ljava/math/BigInteger;
java/math/BigInteger smallPrime(IILjava/util/Random;)Ljava/math/BigInteger;
java/math/BigInteger largePrime(IILjava/util/Random;)Ljava/math/BigInteger;
java/math/BigInteger nextProbablePrime()Ljava/math/BigInteger;
java/math/BigInteger primeToCertainty(I)Z
java/math/BigInteger passesLucasLehmer()Z
java/math/BigInteger jacobiSymbol(ILjava/math/BigInteger;)I
java/math/BigInteger
lucasLehmerSequence(ILjava/math/BigInteger;Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger passesMillerRabin(I)Z
java/math/BigInteger
<init>([II)V
java/math/BigInteger <init>([BI)V

java/math/BigInteger <init>(Ljava/math/MutableBigInteger;I)V
java/math/BigInteger valueOf(J)Ljava/math/BigInteger;
java/math/BigInteger <init>(J)V
java/math/BigInteger valueOf([I)Ljava/math/BigInteger;
java/math/BigInteger add(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger add([I[I)[I
java/math/BigInteger subtract(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger subtract([I[I)[I
java/math/BigInteger multiply(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger multiplyToLen([II[II[I)[I
java/math/BigInteger square()Ljava/math/BigInteger;
java/math/BigInteger squareToLen([II[I)[I
java/math/BigInteger divide(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger divideAndRemainder(Ljava/math/BigInteger;)[Ljava/math/BigInteger;
java/math/BigInteger remainder(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger pow(I)Ljava/math/BigInteger;
java/math/BigInteger
gcd(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger leftShift([III)[I
java/math/BigInteger primitiveRightShift([III)V
java/math/BigInteger primitiveLeftShift([III)V
java/math/BigInteger bitLength([II)I
java/math/BigInteger abs()Ljava/math/BigInteger;
java/math/BigInteger negate()Ljava/math/BigInteger;
java/math/BigInteger signum()I
java/math/BigInteger mod(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger modPow(Ljava/math/BigInteger;Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger oddModPow(Ljava/math/BigInteger;Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger montReduce([I[III)[I
java/math/BigInteger intArrayCmpToLen([I[II)I
java/math/BigInteger subN([I[II)I
java/math/BigInteger mulAdd([I[IIII)I
java/math/BigInteger addOne([IIII)I
java/math/BigInteger modPow2(Ljava/math/BigInteger;I)Ljava/math/BigInteger;
java/math/BigInteger mod2(I)Ljava/math/BigInteger;
java/math/BigInteger modInverse(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger
shiftLeft(I)Ljava/math/BigInteger;
java/math/BigInteger shiftRight(I)Ljava/math/BigInteger;
java/math/BigInteger javaIncrement([I)[I
java/math/BigInteger and(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger or(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger xor(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger not()Ljava/math/BigInteger;
java/math/BigInteger andNot(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger testBit(I)Z
java/math/BigInteger setBit(I)Ljava/math/BigInteger;
java/math/BigInteger clearBit(I)Ljava/math/BigInteger;

java/math/BigInteger flipBit(I)Ljava/math/BigInteger;
java/math/BigInteger getLowestSetBit()I
java/math/BigInteger bitLength()I
java/math/BigInteger bitLen(I)I
java/math/BigInteger bitCount()I
java/math/BigInteger bitCnt(I)I
java/math/BigInteger trailingZeroCnt(I)I
java/math/BigInteger isProbablePrime(I)Z
java/math/BigInteger compareTo(Ljava/math/BigInteger;)I
java/math/BigInteger
intArrayCmp([I[I)I
java/math/BigInteger equals(Ljava/lang/Object;)Z
java/math/BigInteger min(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger max(Ljava/math/BigInteger;)Ljava/math/BigInteger;
java/math/BigInteger hashCode()I
java/math/BigInteger toString(I)Ljava/lang/String;
java/math/BigInteger toString()Ljava/lang/String;
java/math/BigInteger toByteArray()[B
java/math/BigInteger intValue()I
java/math/BigInteger longValue()J
java/math/BigInteger floatValue()F
java/math/BigInteger doubleValue()D
java/math/BigInteger stripLeadingZeroInts([I)[I
java/math/BigInteger trustedStripLeadingZeroInts([I)[I
java/math/BigInteger stripLeadingZeroBytes([B)[I
java/math/BigInteger makePositive([B)[I
java/math/BigInteger makePositive([I)[I
java/math/BigInteger intLength()I
java/math/BigInteger signBit()I
java/math/BigInteger signInt()I
java/math/BigInteger getInt(I)I
java/math/BigInteger firstNonzeroIntNum()I
java/math/BigInteger readObject(Ljava/io/ObjectInputStream;)V
java/math/BigInteger
writeObject(Ljava/io/ObjectOutputStream;)V
java/math/BigInteger magSerializedForm()[B
java/math/BigInteger compareTo(Ljava/lang/Object;)I
java/math/BigInteger <clinit>()V
class java/io/ObjectStreamException java/io/IOException
java/io/ObjectStreamException <init>(Ljava/lang/String;)V
java/io/ObjectStreamException <init>()V
class java/security/interfaces/DSAPublicKey java/lang/Object
java/security/interfaces/DSAPublicKey serialVersionUID
java/security/interfaces/DSAPublicKey getY()Ljava/math/BigInteger;
class java/security/PublicKey java/lang/Object
java/security/PublicKey serialVersionUID
class java/security/Key java/lang/Object
java/security/Key serialVersionUID

java/security/Key getAlgorithm()Ljava/lang/String;
java/security/Key getFormat()Ljava/lang/String;
java/security/Key getEncoded()[B
class java/security/interfaces/DSAKey java/lang/Object
java/security/interfaces/DSAKey getParams()Ljava/security/interfaces/DSAParams;
class java/security/Signature
 java/security/SignatureSpi
java/security/Signature debug
java/security/Signature algorithm
java/security/Signature provider
java/security/Signature UNINITIALIZED
java/security/Signature SIGN
java/security/Signature VERIFY
java/security/Signature state
java/security/Signature RSA_SIGNATURE
java/security/Signature RSA_CIPHER
java/security/Signature rsaIds
java/security/Signature signatureInfo
java/security/Signature <init>(Ljava/lang/String;)V
java/security/Signature getInstance(Ljava/lang/String;)Ljava/security/Signature;
java/security/Signature
getInstance(Lsun/security/jca/GetInstance$Instance;Ljava/lang/String;)Ljava/security/Signature;
java/security/Signature isSpi(Ljava/security/Provider$Service;)Z
java/security/Signature getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/Signature;
java/security/Signature getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/Signature;
java/security/Signature getInstanceRSA(Ljava/security/Provider;)Ljava/security/Signature;
java/security/Signature
 getProvider()Ljava/security/Provider;
java/security/Signature chooseFirstProvider()V
java/security/Signature initVerify(Ljava/security/PublicKey;)V
java/security/Signature initVerify(Ljava/security/cert/Certificate;)V
java/security/Signature initSign(Ljava/security/PrivateKey;)V
java/security/Signature initSign(Ljava/security/PrivateKey;Ljava/security/SecureRandom;)V
java/security/Signature sign()[B
java/security/Signature sign([BII)I
java/security/Signature verify([B)Z
java/security/Signature verify([BII)Z
java/security/Signature update(B)V
java/security/Signature update([B)V
java/security/Signature update([BII)V
java/security/Signature update(Ljava/nio/ByteBuffer;)V
java/security/Signature getAlgorithm()Ljava/lang/String;
java/security/Signature toString()Ljava/lang/String;
java/security/Signature setParameter(Ljava/lang/String;Ljava/lang/Object;)V
java/security/Signature setParameter(Ljava/security/spec/AlgorithmParameterSpec;)V
java/security/Signature
 getParameters()Ljava/security/AlgorithmParameters;
java/security/Signature getParameter(Ljava/lang/String;)Ljava/lang/Object;

java/security/Signature clone()Ljava/lang/Object;
java/security/Signature access$000(Ljava/security/Signature;)Ljava/lang/String;
java/security/Signature access$100()Lsun/security/util/Debug;
java/security/Signature access$200(Ljava/security/Provider$Service;)Z
java/security/Signature <clinit>()V
class java/security/SignatureSpi java/lang/Object
java/security/SignatureSpi appRandom
java/security/SignatureSpi <init>()V
java/security/SignatureSpi engineInitVerify(Ljava/security/PublicKey;)V
java/security/SignatureSpi engineInitSign(Ljava/security/PrivateKey;)V
java/security/SignatureSpi engineInitSign(Ljava/security/PrivateKey;Ljava/security/SecureRandom;)V
java/security/SignatureSpi engineUpdate(B)V
java/security/SignatureSpi engineUpdate([BII)V
java/security/SignatureSpi engineUpdate(Ljava/nio/ByteBuffer;)V
java/security/SignatureSpi engineSign()[B
java/security/SignatureSpi
 engineSign([BII)I
java/security/SignatureSpi engineVerify([B)Z
java/security/SignatureSpi engineVerify([BII)Z
java/security/SignatureSpi engineSetParameter(Ljava/lang/String;Ljava/lang/Object;)V
java/security/SignatureSpi engineSetParameter(Ljava/security/spec/AlgorithmParameterSpec;)V
java/security/SignatureSpi engineGetParameters()Ljava/security/AlgorithmParameters;
java/security/SignatureSpi engineGetParameter(Ljava/lang/String;)Ljava/lang/Object;
java/security/SignatureSpi clone()Ljava/lang/Object;
class java/security/InvalidKeyException java/security/KeyException
java/security/InvalidKeyException serialVersionUID
java/security/InvalidKeyException <init>()V
java/security/InvalidKeyException <init>(Ljava/lang/String;)V
java/security/InvalidKeyException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/InvalidKeyException <init>(Ljava/lang/Throwable;)V
class java/security/KeyException java/security/GeneralSecurityException
java/security/KeyException
 serialVersionUID
java/security/KeyException <init>()V
java/security/KeyException <init>(Ljava/lang/String;)V
java/security/KeyException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/KeyException <init>(Ljava/lang/Throwable;)V
class java/security/SignatureException java/security/GeneralSecurityException
java/security/SignatureException serialVersionUID
java/security/SignatureException <init>()V
java/security/SignatureException <init>(Ljava/lang/String;)V
java/security/SignatureException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/SignatureException <init>(Ljava/lang/Throwable;)V
class java/io/ObjectOutputStream$ReplaceTable java/lang/Object
java/io/ObjectOutputStream$ReplaceTable htab
java/io/ObjectOutputStream$ReplaceTable reps
java/io/ObjectOutputStream$ReplaceTable <init>(IF)V
java/io/ObjectOutputStream$ReplaceTable assign(Ljava/lang/Object;Ljava/lang/Object;)V

java/io/ObjectOutputStream$ReplaceTable lookup(Ljava/lang/Object;)Ljava/lang/Object;
java/io/ObjectOutputStream$ReplaceTable
clear()V
java/io/ObjectOutputStream$ReplaceTable size()I
java/io/ObjectOutputStream$ReplaceTable grow()V
class java/io/ObjectOutputStream$HandleTable java/lang/Object
java/io/ObjectOutputStream$HandleTable size
java/io/ObjectOutputStream$HandleTable threshold
java/io/ObjectOutputStream$HandleTable loadFactor
java/io/ObjectOutputStream$HandleTable spine
java/io/ObjectOutputStream$HandleTable next
java/io/ObjectOutputStream$HandleTable objs
java/io/ObjectOutputStream$HandleTable <init>(IF)V
java/io/ObjectOutputStream$HandleTable assign(Ljava/lang/Object;)I
java/io/ObjectOutputStream$HandleTable lookup(Ljava/lang/Object;)I
java/io/ObjectOutputStream$HandleTable clear()V
java/io/ObjectOutputStream$HandleTable size()I
java/io/ObjectOutputStream$HandleTable insert(Ljava/lang/Object;I)V
java/io/ObjectOutputStream$HandleTable growSpine()V
java/io/ObjectOutputStream$HandleTable growEntries()V
java/io/ObjectOutputStream$HandleTable hash(Ljava/lang/Object;)I
class
java/io/ObjectOutputStream$BlockDataOutputStream java/io/OutputStream
java/io/ObjectOutputStream$BlockDataOutputStream MAX_BLOCK_SIZE
java/io/ObjectOutputStream$BlockDataOutputStream MAX_HEADER_SIZE
java/io/ObjectOutputStream$BlockDataOutputStream CHAR_BUF_SIZE
java/io/ObjectOutputStream$BlockDataOutputStream buf
java/io/ObjectOutputStream$BlockDataOutputStream hbuf
java/io/ObjectOutputStream$BlockDataOutputStream cbuf
java/io/ObjectOutputStream$BlockDataOutputStream blkmode
java/io/ObjectOutputStream$BlockDataOutputStream pos
java/io/ObjectOutputStream$BlockDataOutputStream out
java/io/ObjectOutputStream$BlockDataOutputStream dout
java/io/ObjectOutputStream$BlockDataOutputStream <init>(Ljava/io/OutputStream;)V
java/io/ObjectOutputStream$BlockDataOutputStream setBlockDataMode(Z)Z
java/io/ObjectOutputStream$BlockDataOutputStream getBlockDataMode()Z
java/io/ObjectOutputStream$BlockDataOutputStream write(I)V
java/io/ObjectOutputStream$BlockDataOutputStream write([B)V
java/io/ObjectOutputStream$BlockDataOutputStream
write([BII)V
java/io/ObjectOutputStream$BlockDataOutputStream flush()V
java/io/ObjectOutputStream$BlockDataOutputStream close()V
java/io/ObjectOutputStream$BlockDataOutputStream write([BIIZ)V
java/io/ObjectOutputStream$BlockDataOutputStream drain()V
java/io/ObjectOutputStream$BlockDataOutputStream writeBlockHeader(I)V
java/io/ObjectOutputStream$BlockDataOutputStream writeBoolean(Z)V
java/io/ObjectOutputStream$BlockDataOutputStream writeByte(I)V
java/io/ObjectOutputStream$BlockDataOutputStream writeChar(I)V

java/io/ObjectOutputStream$BlockDataOutputStream writeShort(I)V
java/io/ObjectOutputStream$BlockDataOutputStream writeInt(I)V
java/io/ObjectOutputStream$BlockDataOutputStream writeFloat(F)V
java/io/ObjectOutputStream$BlockDataOutputStream writeLong(J)V
java/io/ObjectOutputStream$BlockDataOutputStream writeDouble(D)V
java/io/ObjectOutputStream$BlockDataOutputStream writeBytes(Ljava/lang/String;)V
java/io/ObjectOutputStream$BlockDataOutputStream
writeChars(Ljava/lang/String;)V
java/io/ObjectOutputStream$BlockDataOutputStream writeUTF(Ljava/lang/String;)V
java/io/ObjectOutputStream$BlockDataOutputStream writeBooleans([ZII)V
java/io/ObjectOutputStream$BlockDataOutputStream writeChars([CII)V
java/io/ObjectOutputStream$BlockDataOutputStream writeShorts([SII)V
java/io/ObjectOutputStream$BlockDataOutputStream writeInts([III)V
java/io/ObjectOutputStream$BlockDataOutputStream writeFloats([FII)V
java/io/ObjectOutputStream$BlockDataOutputStream writeLongs([JII)V
java/io/ObjectOutputStream$BlockDataOutputStream writeDoubles([DII)V
java/io/ObjectOutputStream$BlockDataOutputStream getUTFLength(Ljava/lang/String;)J
java/io/ObjectOutputStream$BlockDataOutputStream writeUTF(Ljava/lang/String;J)V
java/io/ObjectOutputStream$BlockDataOutputStream writeLongUTF(Ljava/lang/String;)V
java/io/ObjectOutputStream$BlockDataOutputStream writeLongUTF(Ljava/lang/String;J)V
java/io/ObjectOutputStream$BlockDataOutputStream writeUTFBody(Ljava/lang/String;)V
class
java/io/ObjectOutputStream$1 java/lang/Object
java/io/ObjectOutputStream$1 val$subcl
java/io/ObjectOutputStream$1 <init>(Ljava/lang/Class;)V
java/io/ObjectOutputStream$1 run()Ljava/lang/Object;
class java/io/ObjectStreamClass$ClassDataSlot java/lang/Object
java/io/ObjectStreamClass$ClassDataSlot desc
java/io/ObjectStreamClass$ClassDataSlot hasData
java/io/ObjectStreamClass$ClassDataSlot <init>(Ljava/io/ObjectStreamClass;Z)V
class java/security/MessageDigest$Delegate java/security/MessageDigest
java/security/MessageDigest$Delegate digestSpi
java/security/MessageDigest$Delegate <init>(Ljava/security/MessageDigestSpi;Ljava/lang/String;)V
java/security/MessageDigest$Delegate clone()Ljava/lang/Object;
java/security/MessageDigest$Delegate engineGetDigestLength()I
java/security/MessageDigest$Delegate engineUpdate(B)V
java/security/MessageDigest$Delegate engineUpdate([BII)V
java/security/MessageDigest$Delegate engineUpdate(Ljava/nio/ByteBuffer;)V
java/security/MessageDigest$Delegate
engineDigest()[B
java/security/MessageDigest$Delegate engineDigest([BII)I
java/security/MessageDigest$Delegate engineReset()V
class java/security/Provider$Service java/lang/Object
java/security/Provider$Service type
java/security/Provider$Service algorithm
java/security/Provider$Service className
java/security/Provider$Service provider
java/security/Provider$Service aliases

java/security/Provider$Service attributes
java/security/Provider$Service classRef
java/security/Provider$Service hasKeyAttributes
java/security/Provider$Service supportedFormats
java/security/Provider$Service supportedClasses
java/security/Provider$Service CLASS0
java/security/Provider$Service <init>(Ljava/security/Provider;)V
java/security/Provider$Service isValid()Z
java/security/Provider$Service addAlias(Ljava/lang/String;)V
java/security/Provider$Service addAttribute(Ljava/lang/String;Ljava/lang/String;)V
java/security/Provider$Service
<init>(Ljava/security/Provider;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/util/List;Ljava/util/Map;
)V
java/security/Provider$Service
getType()Ljava/lang/String;
java/security/Provider$Service getAlgorithm()Ljava/lang/String;
java/security/Provider$Service getProvider()Ljava/security/Provider;
java/security/Provider$Service getClassName()Ljava/lang/String;
java/security/Provider$Service getAliases()Ljava/util/List;
java/security/Provider$Service getAttribute(Ljava/lang/String;)Ljava/lang/String;
java/security/Provider$Service newInstance(Ljava/lang/Object;)Ljava/lang/Object;
java/security/Provider$Service getImplClass()Ljava/lang/Class;
java/security/Provider$Service newInstanceGeneric(Ljava/lang/Object;)Ljava/lang/Object;
java/security/Provider$Service supportsParameter(Ljava/lang/Object;)Z
java/security/Provider$Service hasKeyAttributes()Z
java/security/Provider$Service getKeyClass(Ljava/lang/String;)Ljava/lang/Class;
java/security/Provider$Service supportsKeyFormat(Ljava/security/Key;)Z
java/security/Provider$Service supportsKeyClass(Ljava/security/Key;)Z
java/security/Provider$Service
toString()Ljava/lang/String;
java/security/Provider$Service access$000(Ljava/security/Provider$Service;)Z
java/security/Provider$Service <init>(Ljava/security/Provider;Ljava/security/Provider$1;)V
java/security/Provider$Service access$302(Ljava/security/Provider$Service;Ljava/lang/String;)Ljava/lang/String;
java/security/Provider$Service access$402(Ljava/security/Provider$Service;Ljava/lang/String;)Ljava/lang/String;
java/security/Provider$Service access$500(Ljava/security/Provider$Service;Ljava/lang/String;)V
java/security/Provider$Service access$602(Ljava/security/Provider$Service;Ljava/lang/String;)Ljava/lang/String;
java/security/Provider$Service access$700(Ljava/security/Provider$Service;)Ljava/util/List;
java/security/Provider$Service access$800(Ljava/security/Provider$Service;)Ljava/util/Map;
java/security/Provider$Service <clinit>()V
class java/util/LinkedHashMap$EntryIterator java/util/LinkedHashMap$LinkedHashIterator
java/util/LinkedHashMap$EntryIterator
this$0
java/util/LinkedHashMap$EntryIterator <init>(Ljava/util/LinkedHashMap;)V
java/util/LinkedHashMap$EntryIterator next()Ljava/util/Map$Entry;
java/util/LinkedHashMap$EntryIterator next()Ljava/lang/Object;
java/util/LinkedHashMap$EntryIterator <init>(Ljava/util/LinkedHashMap;Ljava/util/LinkedHashMap$1;)V
class java/security/MessageDigest java/security/MessageDigestSpi
java/security/MessageDigest algorithm

java/security/MessageDigest INITIAL
java/security/MessageDigest IN_PROGRESS
java/security/MessageDigest state
java/security/MessageDigest provider
java/security/MessageDigest <init>(Ljava/lang/String;)V
java/security/MessageDigest getInstance(Ljava/lang/String;)Ljava/security/MessageDigest;
java/security/MessageDigest getInstance(Ljava/lang/String;Ljava/lang/String;)Ljava/security/MessageDigest;
java/security/MessageDigest getInstance(Ljava/lang/String;Ljava/security/Provider;)Ljava/security/MessageDigest;
java/security/MessageDigest getProvider()Ljava/security/Provider;
java/security/MessageDigest
 update(B)V
java/security/MessageDigest update([BII)V
java/security/MessageDigest update([B)V
java/security/MessageDigest update(Ljava/nio/ByteBuffer;)V
java/security/MessageDigest digest()[B
java/security/MessageDigest digest([BII)I
java/security/MessageDigest digest([B)[B
java/security/MessageDigest toString()Ljava/lang/String;
java/security/MessageDigest isEqual([B[B)Z
java/security/MessageDigest reset()V
java/security/MessageDigest getAlgorithm()Ljava/lang/String;
java/security/MessageDigest getDigestLength()I
java/security/MessageDigest clone()Ljava/lang/Object;
java/security/MessageDigest access$000(Ljava/security/MessageDigest;)Ljava/lang/String;
java/security/MessageDigest
access$102(Ljava/security/MessageDigest;Ljava/security/Provider;)Ljava/security/Provider;
java/security/MessageDigest access$100(Ljava/security/MessageDigest;)Ljava/security/Provider;
java/security/MessageDigest access$202(Ljava/security/MessageDigest;I)I
java/security/MessageDigest
 access$200(Ljava/security/MessageDigest;)I
class java/security/MessageDigestSpi java/lang/Object
java/security/MessageDigestSpi <init>()V
java/security/MessageDigestSpi engineGetDigestLength()I
java/security/MessageDigestSpi engineUpdate(B)V
java/security/MessageDigestSpi engineUpdate([BII)V
java/security/MessageDigestSpi engineUpdate(Ljava/nio/ByteBuffer;)V
java/security/MessageDigestSpi engineDigest()[B
java/security/MessageDigestSpi engineDigest([BII)I
java/security/MessageDigestSpi engineReset()V
java/security/MessageDigestSpi clone()Ljava/lang/Object;
class java/io/ObjectStreamClass$5 java/lang/Object
java/io/ObjectStreamClass$5 <init>()V
java/io/ObjectStreamClass$5 compare(Ljava/lang/Object;Ljava/lang/Object;)I
class java/io/ObjectStreamClass$4 java/lang/Object
java/io/ObjectStreamClass$4 <init>()V
java/io/ObjectStreamClass$4 compare(Ljava/lang/Object;Ljava/lang/Object;)I
class java/io/ObjectStreamClass$3 java/lang/Object
java/io/ObjectStreamClass$3 <init>()V

java/io/ObjectStreamClass$3
 compare(Ljava/lang/Object;Ljava/lang/Object;)I
class java/io/ObjectStreamClass$MemberSignature java/lang/Object
java/io/ObjectStreamClass$MemberSignature member
java/io/ObjectStreamClass$MemberSignature name
java/io/ObjectStreamClass$MemberSignature signature
java/io/ObjectStreamClass$MemberSignature <init>(Ljava/lang/reflect/Field;)V
java/io/ObjectStreamClass$MemberSignature <init>(Ljava/lang/reflect/Constructor;)V
java/io/ObjectStreamClass$MemberSignature <init>(Ljava/lang/reflect/Method;)V
class java/io/DataOutputStream java/io/FilterOutputStream
java/io/DataOutputStream written
java/io/DataOutputStream bytearr
java/io/DataOutputStream writeBuffer
java/io/DataOutputStream <init>(Ljava/io/OutputStream;)V
java/io/DataOutputStream incCount(I)V
java/io/DataOutputStream write(I)V
java/io/DataOutputStream write([BII)V
java/io/DataOutputStream flush()V
java/io/DataOutputStream writeBoolean(Z)V
java/io/DataOutputStream writeByte(I)V
java/io/DataOutputStream writeShort(I)V
java/io/DataOutputStream
 writeChar(I)V
java/io/DataOutputStream writeInt(I)V
java/io/DataOutputStream writeLong(J)V
java/io/DataOutputStream writeFloat(F)V
java/io/DataOutputStream writeDouble(D)V
java/io/DataOutputStream writeBytes(Ljava/lang/String;)V
java/io/DataOutputStream writeChars(Ljava/lang/String;)V
java/io/DataOutputStream writeUTF(Ljava/lang/String;)V
java/io/DataOutputStream writeUTF(Ljava/lang/String;Ljava/io/DataOutput;)I
java/io/DataOutputStream size()I
class java/io/ObjectStreamClass$1 java/lang/Object
java/io/ObjectStreamClass$1 this$0
java/io/ObjectStreamClass$1 <init>(Ljava/io/ObjectStreamClass;)V
java/io/ObjectStreamClass$1 run()Ljava/lang/Object;
class java/io/ObjectStreamClass$FieldReflector java/lang/Object
java/io/ObjectStreamClass$FieldReflector unsafe
java/io/ObjectStreamClass$FieldReflector fields
java/io/ObjectStreamClass$FieldReflector numPrimFields
java/io/ObjectStreamClass$FieldReflector keys
java/io/ObjectStreamClass$FieldReflector offsets
java/io/ObjectStreamClass$FieldReflector
 typeCodes
java/io/ObjectStreamClass$FieldReflector types
java/io/ObjectStreamClass$FieldReflector <init>([Ljava/io/ObjectStreamField;)V
java/io/ObjectStreamClass$FieldReflector getFields()[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass$FieldReflector getPrimFieldValues(Ljava/lang/Object;[B)V

java/io/ObjectStreamClass$FieldReflector setPrimFieldValues(Ljava/lang/Object;[B)V
java/io/ObjectStreamClass$FieldReflector getObjFieldValues(Ljava/lang/Object;[Ljava/lang/Object;)V
java/io/ObjectStreamClass$FieldReflector setObjFieldValues(Ljava/lang/Object;[Ljava/lang/Object;)V
java/io/ObjectStreamClass$FieldReflector <clinit>()V
class java/io/ObjectStreamClass$FieldReflectorKey java/lang/ref/WeakReference
java/io/ObjectStreamClass$FieldReflectorKey sigs
java/io/ObjectStreamClass$FieldReflectorKey hash
java/io/ObjectStreamClass$FieldReflectorKey nullClass
java/io/ObjectStreamClass$FieldReflectorKey
<init>(Ljava/lang/Class;[Ljava/io/ObjectStreamField;Ljava/lang/ref/ReferenceQueue;)V
java/io/ObjectStreamClass$FieldReflectorKey
 hashCode()I
java/io/ObjectStreamClass$FieldReflectorKey equals(Ljava/lang/Object;)Z
class java/io/ObjectOutputStream java/io/OutputStream
java/io/ObjectOutputStream bout
java/io/ObjectOutputStream handles
java/io/ObjectOutputStream subs
java/io/ObjectOutputStream protocol
java/io/ObjectOutputStream depth
java/io/ObjectOutputStream primVals
java/io/ObjectOutputStream enableOverride
java/io/ObjectOutputStream enableReplace
java/io/ObjectOutputStream curObj
java/io/ObjectOutputStream curDesc
java/io/ObjectOutputStream curPut
java/io/ObjectOutputStream <init>(Ljava/io/OutputStream;)V
java/io/ObjectOutputStream <init>()V
java/io/ObjectOutputStream useProtocolVersion(I)V
java/io/ObjectOutputStream writeObject(Ljava/lang/Object;)V
java/io/ObjectOutputStream writeObjectOverride(Ljava/lang/Object;)V
java/io/ObjectOutputStream writeUnshared(Ljava/lang/Object;)V
java/io/ObjectOutputStream defaultWriteObject()V
java/io/ObjectOutputStream
 putFields()Ljava/io/ObjectOutputStream$PutField;
java/io/ObjectOutputStream writeFields()V
java/io/ObjectOutputStream reset()V
java/io/ObjectOutputStream annotateClass(Ljava/lang/Class;)V
java/io/ObjectOutputStream annotateProxyClass(Ljava/lang/Class;)V
java/io/ObjectOutputStream replaceObject(Ljava/lang/Object;)Ljava/lang/Object;
java/io/ObjectOutputStream enableReplaceObject(Z)Z
java/io/ObjectOutputStream writeStreamHeader()V
java/io/ObjectOutputStream writeClassDescriptor(Ljava/io/ObjectStreamClass;)V
java/io/ObjectOutputStream write(I)V
java/io/ObjectOutputStream write([B)V
java/io/ObjectOutputStream write([BII)V
java/io/ObjectOutputStream flush()V
java/io/ObjectOutputStream drain()V
java/io/ObjectOutputStream close()V

java/io/ObjectOutputStream writeBoolean(Z)V
java/io/ObjectOutputStream writeByte(I)V
java/io/ObjectOutputStream writeShort(I)V
java/io/ObjectOutputStream writeChar(I)V
java/io/ObjectOutputStream writeInt(I)V
java/io/ObjectOutputStream writeLong(J)V
java/io/ObjectOutputStream
writeFloat(F)V
java/io/ObjectOutputStream writeDouble(D)V
java/io/ObjectOutputStream writeBytes(Ljava/lang/String;)V
java/io/ObjectOutputStream writeChars(Ljava/lang/String;)V
java/io/ObjectOutputStream writeUTF(Ljava/lang/String;)V
java/io/ObjectOutputStream getProtocolVersion()I
java/io/ObjectOutputStream writeTypeString(Ljava/lang/String;)V
java/io/ObjectOutputStream verifySubclass()V
java/io/ObjectOutputStream auditSubclass(Ljava/lang/Class;)Z
java/io/ObjectOutputStream clear()V
java/io/ObjectOutputStream writeObject0(Ljava/lang/Object;Z)V
java/io/ObjectOutputStream writeNull()V
java/io/ObjectOutputStream writeHandle(I)V
java/io/ObjectOutputStream writeClass(Ljava/lang/Class;Z)V
java/io/ObjectOutputStream writeClassDesc(Ljava/io/ObjectStreamClass;Z)V
java/io/ObjectOutputStream writeProxyDesc(Ljava/io/ObjectStreamClass;Z)V
java/io/ObjectOutputStream writeNonProxyDesc(Ljava/io/ObjectStreamClass;Z)V
java/io/ObjectOutputStream writeString(Ljava/lang/String;Z)V
java/io/ObjectOutputStream
writeArray(Ljava/lang/Object;Ljava/io/ObjectStreamClass;Z)V
java/io/ObjectOutputStream writeEnum(Ljava/lang/Enum;Ljava/io/ObjectStreamClass;Z)V
java/io/ObjectOutputStream writeOrdinaryObject(Ljava/lang/Object;Ljava/io/ObjectStreamClass;Z)V
java/io/ObjectOutputStream writeExternalData(Ljava/io/Externalizable;)V
java/io/ObjectOutputStream writeSerialData(Ljava/lang/Object;Ljava/io/ObjectStreamClass;)V
java/io/ObjectOutputStream defaultWriteFields(Ljava/lang/Object;Ljava/io/ObjectStreamClass;)V
java/io/ObjectOutputStream writeFatalException(Ljava/io/IOException;)V
java/io/ObjectOutputStream floatsToBytes([FI[BII)V
java/io/ObjectOutputStream doublesToBytes([DI[BII)V
java/io/ObjectOutputStream
access$000(Ljava/io/ObjectOutputStream;)Ljava/io/ObjectOutputStream$BlockDataOutputStream;
java/io/ObjectOutputStream access$100(Ljava/io/ObjectOutputStream;Ljava/lang/Object;Z)V
java/io/ObjectOutputStream access$200([FI[BII)V
java/io/ObjectOutputStream access$300([DI[BII)V
class
java/io/ObjectOutput java/lang/Object
java/io/ObjectOutput writeObject(Ljava/lang/Object;)V
java/io/ObjectOutput write(I)V
java/io/ObjectOutput write([B)V
java/io/ObjectOutput write([BII)V
java/io/ObjectOutput flush()V
java/io/ObjectOutput close()V

class java/io/ObjectStreamClass$2 java/lang/Object
java/io/ObjectStreamClass$2 val$cl
java/io/ObjectStreamClass$2 this$0
java/io/ObjectStreamClass$2 <init>(Ljava/io/ObjectStreamClass;Ljava/lang/Class;)V
java/io/ObjectStreamClass$2 run()Ljava/lang/Object;
class java/io/ObjectStreamClass$EntryFuture java/lang/Object
java/io/ObjectStreamClass$EntryFuture unset
java/io/ObjectStreamClass$EntryFuture owner
java/io/ObjectStreamClass$EntryFuture entry
java/io/ObjectStreamClass$EntryFuture <init>()V
java/io/ObjectStreamClass$EntryFuture set(Ljava/lang/Object;)Z
java/io/ObjectStreamClass$EntryFuture get()Ljava/lang/Object;
java/io/ObjectStreamClass$EntryFuture getOwner()Ljava/lang/Thread;
java/io/ObjectStreamClass$EntryFuture <init>(Ljava/io/ObjectStreamClass$1;)V
java/io/ObjectStreamClass$EntryFuture
 <clinit>()V
class java/io/Bits java/lang/Object
java/io/Bits <init>()V
java/io/Bits getBoolean([BI)Z
java/io/Bits getChar([BI)C
java/io/Bits getShort([BI)S
java/io/Bits getInt([BI)I
java/io/Bits getFloat([BI)F
java/io/Bits getLong([BI)J
java/io/Bits getDouble([BI)D
java/io/Bits putBoolean([BIZ)V
java/io/Bits putChar([BIC)V
java/io/Bits putShort([BIS)V
java/io/Bits putInt([BII)V
java/io/Bits putFloat([BIF)V
java/io/Bits putLong([BIJ)V
java/io/Bits putDouble([BID)V
class java/io/ObjectInputStream$ValidationList java/lang/Object
java/io/ObjectInputStream$ValidationList list
java/io/ObjectInputStream$ValidationList <init>()V
java/io/ObjectInputStream$ValidationList register(Ljava/io/ObjectInputValidation;I)V
java/io/ObjectInputStream$ValidationList doCallbacks()V
java/io/ObjectInputStream$ValidationList clear()V
class java/io/ObjectInputStream$HandleTable$HandleList java/lang/Object
java/io/ObjectInputStream$HandleTable$HandleList list
java/io/ObjectInputStream$HandleTable$HandleList
 size
java/io/ObjectInputStream$HandleTable$HandleList <init>()V
java/io/ObjectInputStream$HandleTable$HandleList add(I)V
java/io/ObjectInputStream$HandleTable$HandleList get(I)I
java/io/ObjectInputStream$HandleTable$HandleList size()I
class java/io/ObjectInputStream$HandleTable java/lang/Object
java/io/ObjectInputStream$HandleTable STATUS_OK

java/io/ObjectInputStream$HandleTable STATUS_UNKNOWN
java/io/ObjectInputStream$HandleTable STATUS_EXCEPTION
java/io/ObjectInputStream$HandleTable status
java/io/ObjectInputStream$HandleTable entries
java/io/ObjectInputStream$HandleTable deps
java/io/ObjectInputStream$HandleTable lowDep
java/io/ObjectInputStream$HandleTable size
java/io/ObjectInputStream$HandleTable <init>(I)V
java/io/ObjectInputStream$HandleTable assign(Ljava/lang/Object;)I
java/io/ObjectInputStream$HandleTable markDependency(II)V
java/io/ObjectInputStream$HandleTable markException(ILjava/lang/ClassNotFoundException;)V
java/io/ObjectInputStream$HandleTable
 finish(I)V
java/io/ObjectInputStream$HandleTable setObject(ILjava/lang/Object;)V
java/io/ObjectInputStream$HandleTable lookupObject(I)Ljava/lang/Object;
java/io/ObjectInputStream$HandleTable lookupException(I)Ljava/lang/ClassNotFoundException;
java/io/ObjectInputStream$HandleTable clear()V
java/io/ObjectInputStream$HandleTable size()I
java/io/ObjectInputStream$HandleTable grow()V
class java/io/ObjectInputStream$PeekInputStream java/io/InputStream
java/io/ObjectInputStream$PeekInputStream in
java/io/ObjectInputStream$PeekInputStream peekb
java/io/ObjectInputStream$PeekInputStream <init>(Ljava/io/InputStream;)V
java/io/ObjectInputStream$PeekInputStream peek()I
java/io/ObjectInputStream$PeekInputStream read()I
java/io/ObjectInputStream$PeekInputStream read([BII)I
java/io/ObjectInputStream$PeekInputStream readFully([BII)V
java/io/ObjectInputStream$PeekInputStream skip(J)J
java/io/ObjectInputStream$PeekInputStream available()I
java/io/ObjectInputStream$PeekInputStream
 close()V
class java/io/ObjectInputStream$BlockDataInputStream java/io/InputStream
java/io/ObjectInputStream$BlockDataInputStream MAX_BLOCK_SIZE
java/io/ObjectInputStream$BlockDataInputStream MAX_HEADER_SIZE
java/io/ObjectInputStream$BlockDataInputStream CHAR_BUF_SIZE
java/io/ObjectInputStream$BlockDataInputStream HEADER_BLOCKED
java/io/ObjectInputStream$BlockDataInputStream buf
java/io/ObjectInputStream$BlockDataInputStream hbuf
java/io/ObjectInputStream$BlockDataInputStream cbuf
java/io/ObjectInputStream$BlockDataInputStream blkmode
java/io/ObjectInputStream$BlockDataInputStream pos
java/io/ObjectInputStream$BlockDataInputStream end
java/io/ObjectInputStream$BlockDataInputStream unread
java/io/ObjectInputStream$BlockDataInputStream in
java/io/ObjectInputStream$BlockDataInputStream din
java/io/ObjectInputStream$BlockDataInputStream this$0
java/io/ObjectInputStream$BlockDataInputStream <init>(Ljava/io/ObjectInputStream;Ljava/io/InputStream;)V
java/io/ObjectInputStream$BlockDataInputStream

setBlockDataMode(Z)Z
java/io/ObjectInputStream$BlockDataInputStream getBlockDataMode()Z
java/io/ObjectInputStream$BlockDataInputStream skipBlockData()V
java/io/ObjectInputStream$BlockDataInputStream readBlockHeader(Z)I
java/io/ObjectInputStream$BlockDataInputStream refill()V
java/io/ObjectInputStream$BlockDataInputStream currentBlockRemaining()I
java/io/ObjectInputStream$BlockDataInputStream peek()I
java/io/ObjectInputStream$BlockDataInputStream peekByte()B
java/io/ObjectInputStream$BlockDataInputStream read()I
java/io/ObjectInputStream$BlockDataInputStream read([BII)I
java/io/ObjectInputStream$BlockDataInputStream skip(J)J
java/io/ObjectInputStream$BlockDataInputStream available()I
java/io/ObjectInputStream$BlockDataInputStream close()V
java/io/ObjectInputStream$BlockDataInputStream read([BIIZ)I
java/io/ObjectInputStream$BlockDataInputStream readFully([B)V
java/io/ObjectInputStream$BlockDataInputStream readFully([BII)V
java/io/ObjectInputStream$BlockDataInputStream readFully([BIIZ)V
java/io/ObjectInputStream$BlockDataInputStream
skipBytes(I)I
java/io/ObjectInputStream$BlockDataInputStream readBoolean()Z
java/io/ObjectInputStream$BlockDataInputStream readByte()B
java/io/ObjectInputStream$BlockDataInputStream readUnsignedByte()I
java/io/ObjectInputStream$BlockDataInputStream readChar()C
java/io/ObjectInputStream$BlockDataInputStream readShort()S
java/io/ObjectInputStream$BlockDataInputStream readUnsignedShort()I
java/io/ObjectInputStream$BlockDataInputStream readInt()I
java/io/ObjectInputStream$BlockDataInputStream readFloat()F
java/io/ObjectInputStream$BlockDataInputStream readLong()J
java/io/ObjectInputStream$BlockDataInputStream readDouble()D
java/io/ObjectInputStream$BlockDataInputStream readUTF()Ljava/lang/String;
java/io/ObjectInputStream$BlockDataInputStream readLine()Ljava/lang/String;
java/io/ObjectInputStream$BlockDataInputStream readBooleans([ZII)V
java/io/ObjectInputStream$BlockDataInputStream readChars([CII)V
java/io/ObjectInputStream$BlockDataInputStream
readShorts([SII)V
java/io/ObjectInputStream$BlockDataInputStream readInts([III)V
java/io/ObjectInputStream$BlockDataInputStream readFloats([FII)V
java/io/ObjectInputStream$BlockDataInputStream readLongs([JII)V
java/io/ObjectInputStream$BlockDataInputStream readDoubles([DII)V
java/io/ObjectInputStream$BlockDataInputStream readLongUTF()Ljava/lang/String;
java/io/ObjectInputStream$BlockDataInputStream readUTFBody(J)Ljava/lang/String;
java/io/ObjectInputStream$BlockDataInputStream readUTFSpan(Ljava/lang/StringBuffer;J)J
java/io/ObjectInputStream$BlockDataInputStream readUTFChar(Ljava/lang/StringBuffer;J)I
class java/io/ObjectInputStream$1 java/lang/Object
java/io/ObjectInputStream$1 val$subcl
java/io/ObjectInputStream$1 <init>(Ljava/lang/Class;)V
java/io/ObjectInputStream$1 run()Ljava/lang/Object;
class java/text/EntryPair java/lang/Object

java/text/EntryPair entryName
java/text/EntryPair value
java/text/EntryPair fwd
java/text/EntryPair <init>(Ljava/lang/String;I)V
java/text/EntryPair
 <init>(Ljava/lang/String;IZ)V
class java/text/PatternEntry java/lang/Object
java/text/PatternEntry RESET
java/text/PatternEntry UNSET
java/text/PatternEntry strength
java/text/PatternEntry chars
java/text/PatternEntry extension
java/text/PatternEntry appendQuotedExtension(Ljava/lang/StringBuffer;)V
java/text/PatternEntry appendQuotedChars(Ljava/lang/StringBuffer;)V
java/text/PatternEntry equals(Ljava/lang/Object;)Z
java/text/PatternEntry hashCode()I
java/text/PatternEntry toString()Ljava/lang/String;
java/text/PatternEntry getStrength()I
java/text/PatternEntry getExtension()Ljava/lang/String;
java/text/PatternEntry getChars()Ljava/lang/String;
java/text/PatternEntry addToBuffer(Ljava/lang/StringBuffer;ZZLjava/text/PatternEntry;)V
java/text/PatternEntry appendQuoted(Ljava/lang/String;Ljava/lang/StringBuffer;)V
java/text/PatternEntry <init>(ILjava/lang/StringBuffer;Ljava/lang/StringBuffer;)V
java/text/PatternEntry isSpecialChar(C)Z
class java/text/PatternEntry$Parser java/lang/Object
java/text/PatternEntry$Parser
 pattern
java/text/PatternEntry$Parser i
java/text/PatternEntry$Parser newChars
java/text/PatternEntry$Parser newExtension
java/text/PatternEntry$Parser <init>(Ljava/lang/String;)V
java/text/PatternEntry$Parser next()Ljava/text/PatternEntry;
class java/text/MergeCollation java/lang/Object
java/text/MergeCollation patterns
java/text/MergeCollation saveEntry
java/text/MergeCollation lastEntry
java/text/MergeCollation excess
java/text/MergeCollation statusArray
java/text/MergeCollation BITARRAYMASK
java/text/MergeCollation BYTEPOWER
java/text/MergeCollation BYTEMASK
java/text/MergeCollation <init>(Ljava/lang/String;)V
java/text/MergeCollation getPattern()Ljava/lang/String;
java/text/MergeCollation getPattern(Z)Ljava/lang/String;
java/text/MergeCollation findLastWithNoExtension(I)Ljava/text/PatternEntry;
java/text/MergeCollation emitPattern()Ljava/lang/String;
java/text/MergeCollation emitPattern(Z)Ljava/lang/String;
java/text/MergeCollation setPattern(Ljava/lang/String;)V

java/text/MergeCollation
addPattern(Ljava/lang/String;)V
java/text/MergeCollation getCount()I
java/text/MergeCollation getItemAt(I)Ljava/text/PatternEntry;
java/text/MergeCollation fixEntry(Ljava/text/PatternEntry;)V
java/text/MergeCollation findLastEntry(Ljava/text/PatternEntry;Ljava/lang/StringBuffer;)I
class java/text/RBCollationTables$BuildAPI java/lang/Object
java/text/RBCollationTables$BuildAPI this$0
java/text/RBCollationTables$BuildAPI <init>(Ljava/text/RBCollationTables;)V
java/text/RBCollationTables$BuildAPI
fillInTables(ZZLsun/text/UCompactIntArray;Ljava/util/Vector;Ljava/util/Vector;Lsun/text/IntHashtable;SS)V
java/text/RBCollationTables$BuildAPI <init>(Ljava/text/RBCollationTables;Ljava/text/RBCollationTables$1;)V
class java/text/RBTableBuilder java/lang/Object
java/text/RBTableBuilder CHARINDEX
java/text/RBTableBuilder IGNORABLEMASK
java/text/RBTableBuilder PRIMARYORDERINCREMENT
java/text/RBTableBuilder SECONDARYORDERINCREMENT
java/text/RBTableBuilder TERTIARYORDERINCREMENT
java/text/RBTableBuilder
INITIALTABLESIZE
java/text/RBTableBuilder MAXKEYSIZE
java/text/RBTableBuilder tables
java/text/RBTableBuilder mPattern
java/text/RBTableBuilder isOverIgnore
java/text/RBTableBuilder keyBuf
java/text/RBTableBuilder contractFlags
java/text/RBTableBuilder frenchSec
java/text/RBTableBuilder seAsianSwapping
java/text/RBTableBuilder mapping
java/text/RBTableBuilder contractTable
java/text/RBTableBuilder expandTable
java/text/RBTableBuilder maxSecOrder
java/text/RBTableBuilder maxTerOrder
java/text/RBTableBuilder <init>(Ljava/text/RBCollationTables$BuildAPI;)V
java/text/RBTableBuilder build(Ljava/lang/String;I)V
java/text/RBTableBuilder addComposedChars()V
java/text/RBTableBuilder commit()V
java/text/RBTableBuilder increment(II)I
java/text/RBTableBuilder addOrder(II)V
java/text/RBTableBuilder addContractOrder(Ljava/lang/String;I)V
java/text/RBTableBuilder addContractOrder(Ljava/lang/String;IZ)V
java/text/RBTableBuilder getContractOrder(Ljava/lang/String;)I
java/text/RBTableBuilder
getCharOrder(I)I
java/text/RBTableBuilder getContractValues(I)Ljava/util/Vector;
java/text/RBTableBuilder getContractValuesImpl(I)Ljava/util/Vector;
java/text/RBTableBuilder addExpandOrder(Ljava/lang/String;Ljava/lang/String;I)V
java/text/RBTableBuilder addExpandOrder(ILjava/lang/String;I)V

java/text/RBTableBuilder addExpansion(ILjava/lang/String;)I
java/text/RBTableBuilder addContractFlags(Ljava/lang/String;)V
class java/text/RBCollationTables java/lang/Object
java/text/RBCollationTables EXPANDCHARINDEX
java/text/RBCollationTables CONTRACTCHARINDEX
java/text/RBCollationTables UNMAPPED
java/text/RBCollationTables PRIMARYORDERMASK
java/text/RBCollationTables SECONDARYORDERMASK
java/text/RBCollationTables TERTIARYORDERMASK
java/text/RBCollationTables PRIMARYDIFFERENCEONLY
java/text/RBCollationTables SECONDARYDIFFERENCEONLY
java/text/RBCollationTables PRIMARYORDERSHIFT
java/text/RBCollationTables SECONDARYORDERSHIFT
java/text/RBCollationTables rules
java/text/RBCollationTables
frenchSec
java/text/RBCollationTables seAsianSwapping
java/text/RBCollationTables mapping
java/text/RBCollationTables contractTable
java/text/RBCollationTables expandTable
java/text/RBCollationTables contractFlags
java/text/RBCollationTables maxSecOrder
java/text/RBCollationTables maxTerOrder
java/text/RBCollationTables <init>(Ljava/lang/String;I)V
java/text/RBCollationTables getRules()Ljava/lang/String;
java/text/RBCollationTables isFrenchSec()Z
java/text/RBCollationTables isSEAsianSwapping()Z
java/text/RBCollationTables getContractValues(I)Ljava/util/Vector;
java/text/RBCollationTables getContractValuesImpl(I)Ljava/util/Vector;
java/text/RBCollationTables usedInContractSeq(I)Z
java/text/RBCollationTables getMaxExpansion(I)I
java/text/RBCollationTables getExpandValueList(I)[I
java/text/RBCollationTables getUnicodeOrder(I)I
java/text/RBCollationTables getMaxSecOrder()S
java/text/RBCollationTables getMaxTerOrder()S
java/text/RBCollationTables reverse(Ljava/lang/StringBuffer;II)V
java/text/RBCollationTables
getEntry(Ljava/util/Vector;Ljava/lang/String;Z)I
java/text/RBCollationTables access$102(Ljava/text/RBCollationTables;Z)Z
java/text/RBCollationTables access$202(Ljava/text/RBCollationTables;Z)Z
java/text/RBCollationTables
access$302(Ljava/text/RBCollationTables;Lsun/text/UCompactIntArray;)Lsun/text/UCompactIntArray;
java/text/RBCollationTables access$402(Ljava/text/RBCollationTables;Ljava/util/Vector;)Ljava/util/Vector;
java/text/RBCollationTables access$502(Ljava/text/RBCollationTables;Ljava/util/Vector;)Ljava/util/Vector;
java/text/RBCollationTables
access$602(Ljava/text/RBCollationTables;Lsun/text/IntHashtable;)Lsun/text/IntHashtable;
java/text/RBCollationTables access$702(Ljava/text/RBCollationTables;S)S
java/text/RBCollationTables access$802(Ljava/text/RBCollationTables;S)S

class java/text/CollationRules java/lang/Object
java/text/CollationRules DEFAULTRULES
java/text/CollationRules <init>()V
java/text/CollationRules <clinit>()V
class java/text/RuleBasedCollator
 java/text/Collator
java/text/RuleBasedCollator CHARINDEX
java/text/RuleBasedCollator EXPANDCHARINDEX
java/text/RuleBasedCollator CONTRACTCHARINDEX
java/text/RuleBasedCollator UNMAPPED
java/text/RuleBasedCollator COLLATIONKEYOFFSET
java/text/RuleBasedCollator tables
java/text/RuleBasedCollator primResult
java/text/RuleBasedCollator secResult
java/text/RuleBasedCollator terResult
java/text/RuleBasedCollator sourceCursor
java/text/RuleBasedCollator targetCursor
java/text/RuleBasedCollator <init>(Ljava/lang/String;)V
java/text/RuleBasedCollator <init>(Ljava/lang/String;I)V
java/text/RuleBasedCollator <init>(Ljava/text/RuleBasedCollator;)V
java/text/RuleBasedCollator getRules()Ljava/lang/String;
java/text/RuleBasedCollator getCollationElementIterator(Ljava/lang/String;)Ljava/text/CollationElementIterator;
java/text/RuleBasedCollator
getCollationElementIterator(Ljava/text/CharacterIterator;)Ljava/text/CollationElementIterator;
java/text/RuleBasedCollator compare(Ljava/lang/String;Ljava/lang/String;)I
java/text/RuleBasedCollator
 getCollationKey(Ljava/lang/String;)Ljava/text/CollationKey;
java/text/RuleBasedCollator clone()Ljava/lang/Object;
java/text/RuleBasedCollator equals(Ljava/lang/Object;)Z
java/text/RuleBasedCollator hashCode()I
java/text/RuleBasedCollator getTables()Ljava/text/RBCollationTables;
class java/text/Collator java/lang/Object
java/text/Collator PRIMARY
java/text/Collator SECONDARY
java/text/Collator TERTIARY
java/text/Collator IDENTICAL
java/text/Collator NO_DECOMPOSITION
java/text/Collator CANONICAL_DECOMPOSITION
java/text/Collator FULL_DECOMPOSITION
java/text/Collator strength
java/text/Collator decmp
java/text/Collator cache
java/text/Collator LESS
java/text/Collator EQUAL
java/text/Collator GREATER
java/text/Collator getInstance()Ljava/text/Collator;
java/text/Collator getInstance(Ljava/util/Locale;)Ljava/text/Collator;
java/text/Collator compare(Ljava/lang/String;Ljava/lang/String;)I

java/text/Collator compare(Ljava/lang/Object;Ljava/lang/Object;)I
java/text/Collator
getCollationKey(Ljava/lang/String;)Ljava/text/CollationKey;
java/text/Collator equals(Ljava/lang/String;Ljava/lang/String;)Z
java/text/Collator getStrength()I
java/text/Collator setStrength(I)V
java/text/Collator getDecomposition()I
java/text/Collator setDecomposition(I)V
java/text/Collator getAvailableLocales()[Ljava/util/Locale;
java/text/Collator clone()Ljava/lang/Object;
java/text/Collator equals(Ljava/lang/Object;)Z
java/text/Collator hashCode()I
java/text/Collator <init>()V
java/text/Collator <clinit>()V
class java/net/DatagramPacket java/lang/Object
java/net/DatagramPacket buf
java/net/DatagramPacket offset
java/net/DatagramPacket length
java/net/DatagramPacket bufLength
java/net/DatagramPacket address
java/net/DatagramPacket port
java/net/DatagramPacket <init>([BII)V
java/net/DatagramPacket <init>([BI)V
java/net/DatagramPacket <init>([BIILjava/net/InetAddress;I)V
java/net/DatagramPacket <init>([BIILjava/net/SocketAddress;)V
java/net/DatagramPacket
<init>([BILjava/net/InetAddress;I)V
java/net/DatagramPacket <init>([BILjava/net/SocketAddress;)V
java/net/DatagramPacket getAddress()Ljava/net/InetAddress;
java/net/DatagramPacket getPort()I
java/net/DatagramPacket getData()[B
java/net/DatagramPacket getOffset()I
java/net/DatagramPacket getLength()I
java/net/DatagramPacket setData([BII)V
java/net/DatagramPacket setAddress(Ljava/net/InetAddress;)V
java/net/DatagramPacket setPort(I)V
java/net/DatagramPacket setSocketAddress(Ljava/net/SocketAddress;)V
java/net/DatagramPacket getSocketAddress()Ljava/net/SocketAddress;
java/net/DatagramPacket setData([B)V
java/net/DatagramPacket setLength(I)V
java/net/DatagramPacket init()V
java/net/DatagramPacket <clinit>()V
class java/net/MulticastSocket java/net/DatagramSocket
java/net/MulticastSocket ttlLock
java/net/MulticastSocket infLock
java/net/MulticastSocket infAddress
java/net/MulticastSocket <init>()V
java/net/MulticastSocket <init>(I)V

java/net/MulticastSocket <init>(Ljava/net/SocketAddress;)V
java/net/MulticastSocket
setTTL(B)V
java/net/MulticastSocket setTimeToLive(I)V
java/net/MulticastSocket getTTL()B
java/net/MulticastSocket getTimeToLive()I
java/net/MulticastSocket joinGroup(Ljava/net/InetAddress;)V
java/net/MulticastSocket leaveGroup(Ljava/net/InetAddress;)V
java/net/MulticastSocket joinGroup(Ljava/net/SocketAddress;Ljava/net/NetworkInterface;)V
java/net/MulticastSocket leaveGroup(Ljava/net/SocketAddress;Ljava/net/NetworkInterface;)V
java/net/MulticastSocket setInterface(Ljava/net/InetAddress;)V
java/net/MulticastSocket getInterface()Ljava/net/InetAddress;
java/net/MulticastSocket setNetworkInterface(Ljava/net/NetworkInterface;)V
java/net/MulticastSocket getNetworkInterface()Ljava/net/NetworkInterface;
java/net/MulticastSocket setLoopbackMode(Z)V
java/net/MulticastSocket getLoopbackMode()Z
java/net/MulticastSocket send(Ljava/net/DatagramPacket;B)V
class java/net/DatagramSocket java/lang/Object
java/net/DatagramSocket created
java/net/DatagramSocket bound
java/net/DatagramSocket
closed
java/net/DatagramSocket closeLock
java/net/DatagramSocket impl
java/net/DatagramSocket oldImpl
java/net/DatagramSocket ST_NOT_CONNECTED
java/net/DatagramSocket ST_CONNECTED
java/net/DatagramSocket ST_CONNECTED_NO_IMPL
java/net/DatagramSocket connectState
java/net/DatagramSocket connectedAddress
java/net/DatagramSocket connectedPort
java/net/DatagramSocket implClass
java/net/DatagramSocket factory
java/net/DatagramSocket connectInternal(Ljava/net/InetAddress;I)V
java/net/DatagramSocket <init>()V
java/net/DatagramSocket <init>(Ljava/net/DatagramSocketImpl;)V
java/net/DatagramSocket <init>(Ljava/net/SocketAddress;)V
java/net/DatagramSocket <init>(I)V
java/net/DatagramSocket <init>(ILjava/net/InetAddress;)V
java/net/DatagramSocket checkOldImpl()V
java/net/DatagramSocket createImpl()V
java/net/DatagramSocket getImpl()Ljava/net/DatagramSocketImpl;
java/net/DatagramSocket bind(Ljava/net/SocketAddress;)V
java/net/DatagramSocket connect(Ljava/net/InetAddress;I)V
java/net/DatagramSocket
connect(Ljava/net/SocketAddress;)V
java/net/DatagramSocket disconnect()V
java/net/DatagramSocket isBound()Z

java/net/DatagramSocket isConnected()Z
java/net/DatagramSocket getInetAddress()Ljava/net/InetAddress;
java/net/DatagramSocket getPort()I
java/net/DatagramSocket getRemoteSocketAddress()Ljava/net/SocketAddress;
java/net/DatagramSocket getLocalSocketAddress()Ljava/net/SocketAddress;
java/net/DatagramSocket send(Ljava/net/DatagramPacket;)V
java/net/DatagramSocket receive(Ljava/net/DatagramPacket;)V
java/net/DatagramSocket getLocalAddress()Ljava/net/InetAddress;
java/net/DatagramSocket getLocalPort()I
java/net/DatagramSocket setSoTimeout(I)V
java/net/DatagramSocket getSoTimeout()I
java/net/DatagramSocket setSendBufferSize(I)V
java/net/DatagramSocket getSendBufferSize()I
java/net/DatagramSocket setReceiveBufferSize(I)V
java/net/DatagramSocket getReceiveBufferSize()I
java/net/DatagramSocket setReuseAddress(Z)V
java/net/DatagramSocket getReuseAddress()Z
java/net/DatagramSocket
 setBroadcast(Z)V
java/net/DatagramSocket getBroadcast()Z
java/net/DatagramSocket setTrafficClass(I)V
java/net/DatagramSocket getTrafficClass()I
java/net/DatagramSocket close()V
java/net/DatagramSocket isClosed()Z
java/net/DatagramSocket getChannel()Ljava/nio/channels/DatagramChannel;
java/net/DatagramSocket setDatagramSocketImplFactory(Ljava/net/DatagramSocketImplFactory;)V
java/net/DatagramSocket <clinit>()V
class java/net/BindException java/net/SocketException
java/net/BindException <init>(Ljava/lang/String;)V
java/net/BindException <init>()V
class java/net/NoRouteToHostException java/net/SocketException
java/net/NoRouteToHostException <init>(Ljava/lang/String;)V
java/net/NoRouteToHostException <init>()V
class java/util/Collections$UnmodifiableCollection$1 java/lang/Object
java/util/Collections$UnmodifiableCollection$1 i
java/util/Collections$UnmodifiableCollection$1 this$0
java/util/Collections$UnmodifiableCollection$1 <init>(Ljava/util/Collections$UnmodifiableCollection;)V
java/util/Collections$UnmodifiableCollection$1
 hasNext()Z
java/util/Collections$UnmodifiableCollection$1 next()Ljava/lang/Object;
java/util/Collections$UnmodifiableCollection$1 remove()V
class java/text/NumberFormat$Field java/text/Format$Field
java/text/NumberFormat$Field serialVersionUID
java/text/NumberFormat$Field instanceMap
java/text/NumberFormat$Field INTEGER
java/text/NumberFormat$Field FRACTION
java/text/NumberFormat$Field EXPONENT
java/text/NumberFormat$Field DECIMAL_SEPARATOR

java/text/NumberFormat$Field SIGN
java/text/NumberFormat$Field GROUPING_SEPARATOR
java/text/NumberFormat$Field EXPONENT_SYMBOL
java/text/NumberFormat$Field PERCENT
java/text/NumberFormat$Field PERMILLE
java/text/NumberFormat$Field CURRENCY
java/text/NumberFormat$Field EXPONENT_SIGN
java/text/NumberFormat$Field <init>(Ljava/lang/String;)V
java/text/NumberFormat$Field readResolve()Ljava/lang/Object;
java/text/NumberFormat$Field <clinit>()V
class java/text/ParseException java/lang/Exception
java/text/ParseException
 errorOffset
java/text/ParseException <init>(Ljava/lang/String;I)V
java/text/ParseException getErrorOffset()I
class java/util/TreeMap$KeyIterator java/util/TreeMap$PrivateEntryIterator
java/util/TreeMap$KeyIterator this$0
java/util/TreeMap$KeyIterator <init>(Ljava/util/TreeMap;)V
java/util/TreeMap$KeyIterator next()Ljava/lang/Object;
java/util/TreeMap$KeyIterator <init>(Ljava/util/TreeMap;Ljava/util/TreeMap$1;)V
class java/util/TreeMap$PrivateEntryIterator java/lang/Object
java/util/TreeMap$PrivateEntryIterator expectedModCount
java/util/TreeMap$PrivateEntryIterator lastReturned
java/util/TreeMap$PrivateEntryIterator next
java/util/TreeMap$PrivateEntryIterator this$0
java/util/TreeMap$PrivateEntryIterator <init>(Ljava/util/TreeMap;)V
java/util/TreeMap$PrivateEntryIterator <init>(Ljava/util/TreeMap;Ljava/util/TreeMap$Entry;)V
java/util/TreeMap$PrivateEntryIterator hasNext()Z
java/util/TreeMap$PrivateEntryIterator nextEntry()Ljava/util/TreeMap$Entry;
java/util/TreeMap$PrivateEntryIterator
 remove()V
class java/util/TreeMap$Entry java/lang/Object
java/util/TreeMap$Entry key
java/util/TreeMap$Entry value
java/util/TreeMap$Entry left
java/util/TreeMap$Entry right
java/util/TreeMap$Entry parent
java/util/TreeMap$Entry color
java/util/TreeMap$Entry <init>(Ljava/lang/Object;Ljava/lang/Object;Ljava/util/TreeMap$Entry;)V
java/util/TreeMap$Entry getKey()Ljava/lang/Object;
java/util/TreeMap$Entry getValue()Ljava/lang/Object;
java/util/TreeMap$Entry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/TreeMap$Entry equals(Ljava/lang/Object;)Z
java/util/TreeMap$Entry hashCode()I
java/util/TreeMap$Entry toString()Ljava/lang/String;
class java/lang/ExceptionInInitializerError java/lang/LinkageError
java/lang/ExceptionInInitializerError serialVersionUID
java/lang/ExceptionInInitializerError exception

java/lang/ExceptionInInitializerError <init>()V
java/lang/ExceptionInInitializerError <init>(Ljava/lang/Throwable;)V
java/lang/ExceptionInInitializerError <init>(Ljava/lang/String;)V
java/lang/ExceptionInInitializerError
 getException()Ljava/lang/Throwable;
java/lang/ExceptionInInitializerError getCause()Ljava/lang/Throwable;
class java/awt/CardLayout$Card java/lang/Object
java/awt/CardLayout$Card serialVersionUID
java/awt/CardLayout$Card name
java/awt/CardLayout$Card comp
java/awt/CardLayout$Card this$0
java/awt/CardLayout$Card <init>(Ljava/awt/CardLayout;Ljava/lang/String;Ljava/awt/Component;)V
class java/awt/event/ItemEvent java/awt/AWTEvent
java/awt/event/ItemEvent ITEM_FIRST
java/awt/event/ItemEvent ITEM_LAST
java/awt/event/ItemEvent ITEM_STATE_CHANGED
java/awt/event/ItemEvent SELECTED
java/awt/event/ItemEvent DESELECTED
java/awt/event/ItemEvent item
java/awt/event/ItemEvent stateChange
java/awt/event/ItemEvent serialVersionUID
java/awt/event/ItemEvent <init>(Ljava/awt/ItemSelectable;ILjava/lang/Object;I)V
java/awt/event/ItemEvent getItemSelectable()Ljava/awt/ItemSelectable;
java/awt/event/ItemEvent getItem()Ljava/lang/Object;
java/awt/event/ItemEvent
 getStateChange()I
java/awt/event/ItemEvent paramString()Ljava/lang/String;
class java/awt/GridLayout java/lang/Object
java/awt/GridLayout hgap
java/awt/GridLayout vgap
java/awt/GridLayout rows
java/awt/GridLayout cols
java/awt/GridLayout <init>()V
java/awt/GridLayout <init>(II)V
java/awt/GridLayout <init>(IIII)V
java/awt/GridLayout getRows()I
java/awt/GridLayout setRows(I)V
java/awt/GridLayout getColumns()I
java/awt/GridLayout setColumns(I)V
java/awt/GridLayout getHgap()I
java/awt/GridLayout setHgap(I)V
java/awt/GridLayout getVgap()I
java/awt/GridLayout setVgap(I)V
java/awt/GridLayout addLayoutComponent(Ljava/lang/String;Ljava/awt/Component;)V
java/awt/GridLayout removeLayoutComponent(Ljava/awt/Component;)V
java/awt/GridLayout preferredLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/GridLayout minimumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/GridLayout layoutContainer(Ljava/awt/Container;)V

java/awt/GridLayout toString()Ljava/lang/String;
class java/lang/StringIndexOutOfBoundsException
 java/lang/IndexOutOfBoundsException
java/lang/StringIndexOutOfBoundsException <init>()V
java/lang/StringIndexOutOfBoundsException <init>(Ljava/lang/String;)V
java/lang/StringIndexOutOfBoundsException <init>(I)V
class java/util/zip/DeflaterOutputStream java/io/FilterOutputStream
java/util/zip/DeflaterOutputStream def
java/util/zip/DeflaterOutputStream buf
java/util/zip/DeflaterOutputStream closed
java/util/zip/DeflaterOutputStream usesDefaultDeflater
java/util/zip/DeflaterOutputStream <init>(Ljava/io/OutputStream;Ljava/util/zip/Deflater;I)V
java/util/zip/DeflaterOutputStream <init>(Ljava/io/OutputStream;Ljava/util/zip/Deflater;)V
java/util/zip/DeflaterOutputStream <init>(Ljava/io/OutputStream;)V
java/util/zip/DeflaterOutputStream write(I)V
java/util/zip/DeflaterOutputStream write([BII)V
java/util/zip/DeflaterOutputStream finish()V
java/util/zip/DeflaterOutputStream close()V
java/util/zip/DeflaterOutputStream deflate()V
class java/util/zip/GZIPInputStream
 java/util/zip/InflaterInputStream
java/util/zip/GZIPInputStream crc
java/util/zip/GZIPInputStream eos
java/util/zip/GZIPInputStream closed
java/util/zip/GZIPInputStream GZIP_MAGIC
java/util/zip/GZIPInputStream FTEXT
java/util/zip/GZIPInputStream FHCRC
java/util/zip/GZIPInputStream FEXTRA
java/util/zip/GZIPInputStream FNAME
java/util/zip/GZIPInputStream FCOMMENT
java/util/zip/GZIPInputStream tmpbuf
java/util/zip/GZIPInputStream ensureOpen()V
java/util/zip/GZIPInputStream <init>(Ljava/io/InputStream;I)V
java/util/zip/GZIPInputStream <init>(Ljava/io/InputStream;)V
java/util/zip/GZIPInputStream read([BII)I
java/util/zip/GZIPInputStream close()V
java/util/zip/GZIPInputStream readHeader()V
java/util/zip/GZIPInputStream readTrailer()V
java/util/zip/GZIPInputStream readUInt(Ljava/io/InputStream;)J
java/util/zip/GZIPInputStream readUShort(Ljava/io/InputStream;)I
java/util/zip/GZIPInputStream readUByte(Ljava/io/InputStream;)I
java/util/zip/GZIPInputStream skipBytes(Ljava/io/InputStream;I)V
class
 java/security/NoSuchAlgorithmException java/security/GeneralSecurityException
java/security/NoSuchAlgorithmException serialVersionUID
java/security/NoSuchAlgorithmException <init>()V
java/security/NoSuchAlgorithmException <init>(Ljava/lang/String;)V
java/security/NoSuchAlgorithmException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V

java/security/NoSuchAlgorithmException <init>(Ljava/lang/Throwable;)V
class java/security/GeneralSecurityException java/lang/Exception
java/security/GeneralSecurityException serialVersionUID
java/security/GeneralSecurityException <init>()V
java/security/GeneralSecurityException <init>(Ljava/lang/String;)V
java/security/GeneralSecurityException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/security/GeneralSecurityException <init>(Ljava/lang/Throwable;)V
class java/awt/image/FilteredImageSource java/lang/Object
java/awt/image/FilteredImageSource src
java/awt/image/FilteredImageSource filter
java/awt/image/FilteredImageSource proxies
java/awt/image/FilteredImageSource
 <init>(Ljava/awt/image/ImageProducer;Ljava/awt/image/ImageFilter;)V
java/awt/image/FilteredImageSource addConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/FilteredImageSource isConsumer(Ljava/awt/image/ImageConsumer;)Z
java/awt/image/FilteredImageSource removeConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/FilteredImageSource startProduction(Ljava/awt/image/ImageConsumer;)V
java/awt/image/FilteredImageSource requestTopDownLeftRightResend(Ljava/awt/image/ImageConsumer;)V
class java/awt/image/RGBImageFilter java/awt/image/ImageFilter
java/awt/image/RGBImageFilter origmodel
java/awt/image/RGBImageFilter newmodel
java/awt/image/RGBImageFilter canFilterIndexColorModel
java/awt/image/RGBImageFilter <init>()V
java/awt/image/RGBImageFilter setColorModel(Ljava/awt/image/ColorModel;)V
java/awt/image/RGBImageFilter
substituteColorModel(Ljava/awt/image/ColorModel;Ljava/awt/image/ColorModel;)V
java/awt/image/RGBImageFilter
filterIndexColorModel(Ljava/awt/image/IndexColorModel;)Ljava/awt/image/IndexColorModel;
java/awt/image/RGBImageFilter
 filterRGBPixels(IIII[III)V
java/awt/image/RGBImageFilter setPixels(IIIILjava/awt/image/ColorModel;[BII)V
java/awt/image/RGBImageFilter setPixels(IIIILjava/awt/image/ColorModel;[III)V
java/awt/image/RGBImageFilter filterRGB(III)I
class java/awt/image/ImageFilter java/lang/Object
java/awt/image/ImageFilter consumer
java/awt/image/ImageFilter <init>()V
java/awt/image/ImageFilter getFilterInstance(Ljava/awt/image/ImageConsumer;)Ljava/awt/image/ImageFilter;
java/awt/image/ImageFilter setDimensions(II)V
java/awt/image/ImageFilter setProperties(Ljava/util/Hashtable;)V
java/awt/image/ImageFilter setColorModel(Ljava/awt/image/ColorModel;)V
java/awt/image/ImageFilter setHints(I)V
java/awt/image/ImageFilter setPixels(IIIILjava/awt/image/ColorModel;[BII)V
java/awt/image/ImageFilter setPixels(IIIILjava/awt/image/ColorModel;[III)V
java/awt/image/ImageFilter imageComplete(I)V
java/awt/image/ImageFilter resendTopDownLeftRight(Ljava/awt/image/ImageProducer;)V
java/awt/image/ImageFilter
 clone()Ljava/lang/Object;
class java/io/ObjectInputStream java/io/InputStream

java/io/ObjectInputStream NULL_HANDLE
java/io/ObjectInputStream unsharedMarker
java/io/ObjectInputStream primClasses
java/io/ObjectInputStream bin
java/io/ObjectInputStream vlist
java/io/ObjectInputStream depth
java/io/ObjectInputStream closed
java/io/ObjectInputStream handles
java/io/ObjectInputStream passHandle
java/io/ObjectInputStream defaultDataEnd
java/io/ObjectInputStream primVals
java/io/ObjectInputStream enableOverride
java/io/ObjectInputStream enableResolve
java/io/ObjectInputStream curContext
java/io/ObjectInputStream <init>(Ljava/io/InputStream;)V
java/io/ObjectInputStream <init>()V
java/io/ObjectInputStream readObject()Ljava/lang/Object;
java/io/ObjectInputStream readObjectOverride()Ljava/lang/Object;
java/io/ObjectInputStream readUnshared()Ljava/lang/Object;
java/io/ObjectInputStream defaultReadObject()V
java/io/ObjectInputStream
readFields()Ljava/io/ObjectInputStream$GetField;
java/io/ObjectInputStream registerValidation(Ljava/io/ObjectInputValidation;I)V
java/io/ObjectInputStream resolveClass(Ljava/io/ObjectStreamClass;)Ljava/lang/Class;
java/io/ObjectInputStream resolveProxyClass([Ljava/lang/String;)Ljava/lang/Class;
java/io/ObjectInputStream resolveObject(Ljava/lang/Object;)Ljava/lang/Object;
java/io/ObjectInputStream enableResolveObject(Z)Z
java/io/ObjectInputStream readStreamHeader()V
java/io/ObjectInputStream readClassDescriptor()Ljava/io/ObjectStreamClass;
java/io/ObjectInputStream read()I
java/io/ObjectInputStream read([BII)I
java/io/ObjectInputStream available()I
java/io/ObjectInputStream close()V
java/io/ObjectInputStream readBoolean()Z
java/io/ObjectInputStream readByte()B
java/io/ObjectInputStream readUnsignedByte()I
java/io/ObjectInputStream readChar()C
java/io/ObjectInputStream readShort()S
java/io/ObjectInputStream readUnsignedShort()I
java/io/ObjectInputStream readInt()I
java/io/ObjectInputStream
readLong()J
java/io/ObjectInputStream readFloat()F
java/io/ObjectInputStream readDouble()D
java/io/ObjectInputStream readFully([B)V
java/io/ObjectInputStream readFully([BII)V
java/io/ObjectInputStream skipBytes(I)I
java/io/ObjectInputStream readLine()Ljava/lang/String;

java/io/ObjectInputStream readUTF()Ljava/lang/String;
java/io/ObjectInputStream verifySubclass()V
java/io/ObjectInputStream auditSubclass(Ljava/lang/Class;)Z
java/io/ObjectInputStream clear()V
java/io/ObjectInputStream readObject0(Z)Ljava/lang/Object;
java/io/ObjectInputStream checkResolve(Ljava/lang/Object;)Ljava/lang/Object;
java/io/ObjectInputStream readTypeString()Ljava/lang/String;
java/io/ObjectInputStream readNull()Ljava/lang/Object;
java/io/ObjectInputStream readHandle(Z)Ljava/lang/Object;
java/io/ObjectInputStream readClass(Z)Ljava/lang/Class;
java/io/ObjectInputStream readClassDesc(Z)Ljava/io/ObjectStreamClass;
java/io/ObjectInputStream readProxyDesc(Z)Ljava/io/ObjectStreamClass;
java/io/ObjectInputStream
readNonProxyDesc(Z)Ljava/io/ObjectStreamClass;
java/io/ObjectInputStream readString(Z)Ljava/lang/String;
java/io/ObjectInputStream readArray(Z)Ljava/lang/Object;
java/io/ObjectInputStream readEnum(Z)Ljava/lang/Enum;
java/io/ObjectInputStream readOrdinaryObject(Z)Ljava/lang/Object;
java/io/ObjectInputStream readExternalData(Ljava/io/Externalizable;Ljava/io/ObjectStreamClass;)V
java/io/ObjectInputStream readSerialData(Ljava/lang/Object;Ljava/io/ObjectStreamClass;)V
java/io/ObjectInputStream skipCustomData()V
java/io/ObjectInputStream defaultReadFields(Ljava/lang/Object;Ljava/io/ObjectStreamClass;)V
java/io/ObjectInputStream readFatalException()Ljava/io/IOException;
java/io/ObjectInputStream handleReset()V
java/io/ObjectInputStream bytesToFloats([BI[FII)V
java/io/ObjectInputStream bytesToDoubles([BI[DII)V
java/io/ObjectInputStream latestUserDefinedLoader()Ljava/lang/ClassLoader;
java/io/ObjectInputStream access$000(Ljava/io/ObjectInputStream;)I
java/io/ObjectInputStream access$100(Ljava/io/ObjectInputStream;)Ljava/io/ObjectInputStream$HandleTable;
java/io/ObjectInputStream
access$200(Ljava/io/ObjectInputStream;)Ljava/io/ObjectInputStream$BlockDataInputStream;
java/io/ObjectInputStream access$300(Ljava/io/ObjectInputStream;Z)Ljava/lang/Object;
java/io/ObjectInputStream access$002(Ljava/io/ObjectInputStream;I)I
java/io/ObjectInputStream access$400(Ljava/io/ObjectInputStream;)Z
java/io/ObjectInputStream access$500(Ljava/io/ObjectInputStream;)V
java/io/ObjectInputStream access$600([BI[FII)V
java/io/ObjectInputStream access$700([BI[DII)V
java/io/ObjectInputStream <clinit>()V
class java/io/ObjectStreamConstants java/lang/Object
java/io/ObjectStreamConstants STREAM_MAGIC
java/io/ObjectStreamConstants STREAM_VERSION
java/io/ObjectStreamConstants TC_BASE
java/io/ObjectStreamConstants TC_NULL
java/io/ObjectStreamConstants TC_REFERENCE
java/io/ObjectStreamConstants TC_CLASSDESC
java/io/ObjectStreamConstants TC_OBJECT
java/io/ObjectStreamConstants TC_STRING
java/io/ObjectStreamConstants

TC_ARRAY
java/io/ObjectStreamConstants TC_CLASS
java/io/ObjectStreamConstants TC_BLOCKDATA
java/io/ObjectStreamConstants TC_ENDBLOCKDATA
java/io/ObjectStreamConstants TC_RESET
java/io/ObjectStreamConstants TC_BLOCKDATALONG
java/io/ObjectStreamConstants TC_EXCEPTION
java/io/ObjectStreamConstants TC_LONGSTRING
java/io/ObjectStreamConstants TC_PROXYCLASSDESC
java/io/ObjectStreamConstants TC_ENUM
java/io/ObjectStreamConstants TC_MAX
java/io/ObjectStreamConstants baseWireHandle
java/io/ObjectStreamConstants SC_WRITE_METHOD
java/io/ObjectStreamConstants SC_BLOCK_DATA
java/io/ObjectStreamConstants SC_SERIALIZABLE
java/io/ObjectStreamConstants SC_EXTERNALIZABLE
java/io/ObjectStreamConstants SC_ENUM
java/io/ObjectStreamConstants SUBSTITUTION_PERMISSION
java/io/ObjectStreamConstants SUBCLASS_IMPLEMENTATION_PERMISSION
java/io/ObjectStreamConstants PROTOCOL_VERSION_1
java/io/ObjectStreamConstants PROTOCOL_VERSION_2
java/io/ObjectStreamConstants <clinit>()V
class java/io/ObjectInput java/lang/Object
java/io/ObjectInput
readObject()Ljava/lang/Object;
java/io/ObjectInput read()I
java/io/ObjectInput read([B)I
java/io/ObjectInput read([BII)I
java/io/ObjectInput skip(J)J
java/io/ObjectInput available()I
java/io/ObjectInput close()V
class java/lang/ClassFormatError java/lang/LinkageError
java/lang/ClassFormatError <init>()V
java/lang/ClassFormatError <init>(Ljava/lang/String;)V
class java/util/zip/CRC32 java/lang/Object
java/util/zip/CRC32 crc
java/util/zip/CRC32 <init>()V
java/util/zip/CRC32 update(I)V
java/util/zip/CRC32 update([BII)V
java/util/zip/CRC32 update([B)V
java/util/zip/CRC32 reset()V
java/util/zip/CRC32 getValue()J
java/util/zip/CRC32 update(II)I
java/util/zip/CRC32 updateBytes(I[BII)I
class java/util/zip/Checksum java/lang/Object
java/util/zip/Checksum update(I)V
java/util/zip/Checksum update([BII)V
java/util/zip/Checksum getValue()J

java/util/zip/Checksum reset()V
class java/io/PushbackInputStream java/io/FilterInputStream
java/io/PushbackInputStream buf
java/io/PushbackInputStream
 pos
java/io/PushbackInputStream ensureOpen()V
java/io/PushbackInputStream <init>(Ljava/io/InputStream;I)V
java/io/PushbackInputStream <init>(Ljava/io/InputStream;)V
java/io/PushbackInputStream read()I
java/io/PushbackInputStream read([BII)I
java/io/PushbackInputStream unread(I)V
java/io/PushbackInputStream unread([BII)V
java/io/PushbackInputStream unread([B)V
java/io/PushbackInputStream available()I
java/io/PushbackInputStream skip(J)J
java/io/PushbackInputStream markSupported()Z
java/io/PushbackInputStream mark(I)V
java/io/PushbackInputStream reset()V
java/io/PushbackInputStream close()V
class java/util/zip/ZipInputStream java/util/zip/InflaterInputStream
java/util/zip/ZipInputStream entry
java/util/zip/ZipInputStream crc
java/util/zip/ZipInputStream remaining
java/util/zip/ZipInputStream tmpbuf
java/util/zip/ZipInputStream STORED
java/util/zip/ZipInputStream DEFLATED
java/util/zip/ZipInputStream closed
java/util/zip/ZipInputStream entryEOF
java/util/zip/ZipInputStream
 b
java/util/zip/ZipInputStream ensureOpen()V
java/util/zip/ZipInputStream <init>(Ljava/io/InputStream;)V
java/util/zip/ZipInputStream getNextEntry()Ljava/util/zip/ZipEntry;
java/util/zip/ZipInputStream closeEntry()V
java/util/zip/ZipInputStream available()I
java/util/zip/ZipInputStream read([BII)I
java/util/zip/ZipInputStream skip(J)J
java/util/zip/ZipInputStream close()V
java/util/zip/ZipInputStream readLOC()Ljava/util/zip/ZipEntry;
java/util/zip/ZipInputStream getUTF8String([BII)Ljava/lang/String;
java/util/zip/ZipInputStream createZipEntry(Ljava/lang/String;)Ljava/util/zip/ZipEntry;
java/util/zip/ZipInputStream readEnd(Ljava/util/zip/ZipEntry;)V
java/util/zip/ZipInputStream readFully([BII)V
java/util/zip/ZipInputStream get16([BI)I
java/util/zip/ZipInputStream get32([BI)J
class java/text/DontCareFieldPosition$1 java/lang/Object
java/text/DontCareFieldPosition$1 this$0
java/text/DontCareFieldPosition$1 <init>(Ljava/text/DontCareFieldPosition;)V

java/text/DontCareFieldPosition$1
formatted(Ljava/text/Format$Field;Ljava/lang/Object;IILjava/lang/StringBuffer;)V
java/text/DontCareFieldPosition$1
formatted(ILjava/text/Format$Field;Ljava/lang/Object;IILjava/lang/StringBuffer;)V
class java/text/Format$FieldDelegate java/lang/Object
java/text/Format$FieldDelegate formatted(Ljava/text/Format$Field;Ljava/lang/Object;IILjava/lang/StringBuffer;)V
java/text/Format$FieldDelegate formatted(ILjava/text/Format$Field;Ljava/lang/Object;IILjava/lang/StringBuffer;)V
class java/text/DontCareFieldPosition java/text/FieldPosition
java/text/DontCareFieldPosition INSTANCE
java/text/DontCareFieldPosition noDelegate
java/text/DontCareFieldPosition <init>()V
java/text/DontCareFieldPosition getFieldDelegate()Ljava/text/Format$FieldDelegate;
java/text/DontCareFieldPosition <clinit>()V
class java/text/DigitList java/lang/Object
java/text/DigitList MAX_COUNT
java/text/DigitList decimalAt
java/text/DigitList count
java/text/DigitList digits
java/text/DigitList data
java/text/DigitList LONG_MIN_REP
java/text/DigitList
tempBuffer
java/text/DigitList <init>()V
java/text/DigitList isZero()Z
java/text/DigitList clear()V
java/text/DigitList append(C)V
java/text/DigitList getDouble()D
java/text/DigitList getLong()J
java/text/DigitList getBigDecimal()Ljava/math/BigDecimal;
java/text/DigitList fitsIntoLong(ZZ)Z
java/text/DigitList set(DI)V
java/text/DigitList set(DIZ)V
java/text/DigitList set(Ljava/lang/String;IZ)V
java/text/DigitList round(I)V
java/text/DigitList shouldRoundUp(I)Z
java/text/DigitList set(J)V
java/text/DigitList set(JI)V
java/text/DigitList set(Ljava/math/BigDecimal;IZ)V
java/text/DigitList set(Ljava/math/BigInteger;I)V
java/text/DigitList equals(Ljava/lang/Object;)Z
java/text/DigitList hashCode()I
java/text/DigitList clone()Ljava/lang/Object;
java/text/DigitList isLongMIN_VALUE()Z
java/text/DigitList parseInt([CII)I
java/text/DigitList toString()Ljava/lang/String;
java/text/DigitList getStringBuffer()Ljava/lang/StringBuffer;
java/text/DigitList extendDigits(I)V
java/text/DigitList

getDataChars(I)[C
java/text/DigitList <clinit>()V
class java/text/DecimalFormat java/text/NumberFormat
java/text/DecimalFormat bigIntegerMultiplier
java/text/DecimalFormat bigDecimalMultiplier
java/text/DecimalFormat STATUS_INFINITE
java/text/DecimalFormat STATUS_POSITIVE
java/text/DecimalFormat STATUS_LENGTH
java/text/DecimalFormat digitList
java/text/DecimalFormat positivePrefix
java/text/DecimalFormat positiveSuffix
java/text/DecimalFormat negativePrefix
java/text/DecimalFormat negativeSuffix
java/text/DecimalFormat posPrefixPattern
java/text/DecimalFormat posSuffixPattern
java/text/DecimalFormat negPrefixPattern
java/text/DecimalFormat negSuffixPattern
java/text/DecimalFormat multiplier
java/text/DecimalFormat groupingSize
java/text/DecimalFormat decimalSeparatorAlwaysShown
java/text/DecimalFormat parseBigDecimal
java/text/DecimalFormat isCurrencyFormat
java/text/DecimalFormat symbols
java/text/DecimalFormat useExponentialNotation
java/text/DecimalFormat positivePrefixFieldPositions
java/text/DecimalFormat
positiveSuffixFieldPositions
java/text/DecimalFormat negativePrefixFieldPositions
java/text/DecimalFormat negativeSuffixFieldPositions
java/text/DecimalFormat minExponentDigits
java/text/DecimalFormat maximumIntegerDigits
java/text/DecimalFormat minimumIntegerDigits
java/text/DecimalFormat maximumFractionDigits
java/text/DecimalFormat minimumFractionDigits
java/text/DecimalFormat currentSerialVersion
java/text/DecimalFormat serialVersionOnStream
java/text/DecimalFormat PATTERN_ZERO_DIGIT
java/text/DecimalFormat PATTERN_GROUPING_SEPARATOR
java/text/DecimalFormat PATTERN_DECIMAL_SEPARATOR
java/text/DecimalFormat PATTERN_PER_MILLE
java/text/DecimalFormat PATTERN_PERCENT
java/text/DecimalFormat PATTERN_DIGIT
java/text/DecimalFormat PATTERN_SEPARATOR
java/text/DecimalFormat PATTERN_EXPONENT
java/text/DecimalFormat PATTERN_MINUS
java/text/DecimalFormat CURRENCY_SIGN
java/text/DecimalFormat QUOTE
java/text/DecimalFormat EmptyFieldPositionArray

java/text/DecimalFormat
DOUBLE_INTEGER_DIGITS
java/text/DecimalFormat DOUBLE_FRACTION_DIGITS
java/text/DecimalFormat MAXIMUM_INTEGER_DIGITS
java/text/DecimalFormat MAXIMUM_FRACTION_DIGITS
java/text/DecimalFormat serialVersionUID
java/text/DecimalFormat cachedLocaleData
java/text/DecimalFormat $assertionsDisabled
java/text/DecimalFormat <init>()V
java/text/DecimalFormat <init>(Ljava/lang/String;)V
java/text/DecimalFormat <init>(Ljava/lang/String;Ljava/text/DecimalFormatSymbols;)V
java/text/DecimalFormat
format(Ljava/lang/Object;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/DecimalFormat format(DLjava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/DecimalFormat
format(DLjava/lang/StringBuffer;Ljava/text/Format$FieldDelegate;)Ljava/lang/StringBuffer;
java/text/DecimalFormat format(JLjava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/DecimalFormat
format(JLjava/lang/StringBuffer;Ljava/text/Format$FieldDelegate;)Ljava/lang/StringBuffer;
java/text/DecimalFormat
format(Ljava/math/BigDecimal;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/DecimalFormat
format(Ljava/math/BigDecimal;Ljava/lang/StringBuffer;Ljava/text/Format$FieldDelegate;)Ljava/lang/StringBuffer;
java/text/DecimalFormat
format(Ljava/math/BigInteger;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/DecimalFormat
format(Ljava/math/BigInteger;Ljava/lang/StringBuffer;Ljava/text/Format$FieldDelegate;Z)Ljava/lang/StringBuffer;
java/text/DecimalFormat formatToCharacterIterator(Ljava/lang/Object;)Ljava/text/AttributedCharacterIterator;
java/text/DecimalFormat
subformat(Ljava/lang/StringBuffer;Ljava/text/Format$FieldDelegate;ZZIIII)Ljava/lang/StringBuffer;
java/text/DecimalFormat
append(Ljava/lang/StringBuffer;Ljava/lang/String;Ljava/text/Format$FieldDelegate;[Ljava/text/FieldPosition;Ljava
/text/Format$Field;)V
java/text/DecimalFormat parse(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/lang/Number;
java/text/DecimalFormat
getBigIntegerMultiplier()Ljava/math/BigInteger;
java/text/DecimalFormat getBigDecimalMultiplier()Ljava/math/BigDecimal;
java/text/DecimalFormat
subparse(Ljava/lang/String;Ljava/text/ParsePosition;Ljava/lang/String;Ljava/lang/String;Ljava/text/DigitList;Z[Z)Z
java/text/DecimalFormat getDecimalFormatSymbols()Ljava/text/DecimalFormatSymbols;
java/text/DecimalFormat setDecimalFormatSymbols(Ljava/text/DecimalFormatSymbols;)V
java/text/DecimalFormat getPositivePrefix()Ljava/lang/String;
java/text/DecimalFormat setPositivePrefix(Ljava/lang/String;)V
java/text/DecimalFormat getPositivePrefixFieldPositions()[Ljava/text/FieldPosition;
java/text/DecimalFormat getNegativePrefix()Ljava/lang/String;
java/text/DecimalFormat setNegativePrefix(Ljava/lang/String;)V
java/text/DecimalFormat getNegativePrefixFieldPositions()[Ljava/text/FieldPosition;
java/text/DecimalFormat getPositiveSuffix()Ljava/lang/String;

java/text/DecimalFormat
setPositiveSuffix(Ljava/lang/String;)V
java/text/DecimalFormat getPositiveSuffixFieldPositions()[Ljava/text/FieldPosition;
java/text/DecimalFormat getNegativeSuffix()Ljava/lang/String;
java/text/DecimalFormat setNegativeSuffix(Ljava/lang/String;)V
java/text/DecimalFormat getNegativeSuffixFieldPositions()[Ljava/text/FieldPosition;
java/text/DecimalFormat getMultiplier()I
java/text/DecimalFormat setMultiplier(I)V
java/text/DecimalFormat getGroupingSize()I
java/text/DecimalFormat setGroupingSize(I)V
java/text/DecimalFormat isDecimalSeparatorAlwaysShown()Z
java/text/DecimalFormat setDecimalSeparatorAlwaysShown(Z)V
java/text/DecimalFormat isParseBigDecimal()Z
java/text/DecimalFormat setParseBigDecimal(Z)V
java/text/DecimalFormat clone()Ljava/lang/Object;
java/text/DecimalFormat equals(Ljava/lang/Object;)Z
java/text/DecimalFormat hashCode()I
java/text/DecimalFormat toPattern()Ljava/lang/String;
java/text/DecimalFormat toLocalizedPattern()Ljava/lang/String;
java/text/DecimalFormat expandAffixes()V
java/text/DecimalFormat
expandAffix(Ljava/lang/String;Ljava/lang/StringBuffer;)Ljava/lang/String;
java/text/DecimalFormat expandAffix(Ljava/lang/String;)[Ljava/text/FieldPosition;
java/text/DecimalFormat appendAffix(Ljava/lang/StringBuffer;Ljava/lang/String;Ljava/lang/String;Z)V
java/text/DecimalFormat appendAffix(Ljava/lang/StringBuffer;Ljava/lang/String;Z)V
java/text/DecimalFormat toPattern(Z)Ljava/lang/String;
java/text/DecimalFormat applyPattern(Ljava/lang/String;)V
java/text/DecimalFormat applyLocalizedPattern(Ljava/lang/String;)V
java/text/DecimalFormat applyPattern(Ljava/lang/String;Z)V
java/text/DecimalFormat setMaximumIntegerDigits(I)V
java/text/DecimalFormat setMinimumIntegerDigits(I)V
java/text/DecimalFormat setMaximumFractionDigits(I)V
java/text/DecimalFormat setMinimumFractionDigits(I)V
java/text/DecimalFormat getMaximumIntegerDigits()I
java/text/DecimalFormat getMinimumIntegerDigits()I
java/text/DecimalFormat getMaximumFractionDigits()I
java/text/DecimalFormat
getMinimumFractionDigits()I
java/text/DecimalFormat getCurrency()Ljava/util/Currency;
java/text/DecimalFormat setCurrency(Ljava/util/Currency;)V
java/text/DecimalFormat adjustForCurrencyDefaultFractionDigits()V
java/text/DecimalFormat readObject(Ljava/io/ObjectInputStream;)V
java/text/DecimalFormat <clinit>()V
class java/util/CurrencyData java/lang/Object
java/util/CurrencyData mainTable
java/util/CurrencyData scCutOverTimes
java/util/CurrencyData scOldCurrencies
java/util/CurrencyData scNewCurrencies

java/util/CurrencyData scOldCurrenciesDFD
java/util/CurrencyData scNewCurrenciesDFD
java/util/CurrencyData otherCurrencies
java/util/CurrencyData otherCurrenciesDFD
java/util/CurrencyData <init>()V
java/util/CurrencyData <clinit>()V
class java/util/Currency$1 java/lang/Object
java/util/Currency$1 <init>()V
java/util/Currency$1 run()Ljava/lang/Object;
class java/util/Currency java/lang/Object
java/util/Currency serialVersionUID
java/util/Currency currencyCode
java/util/Currency defaultFractionDigits
java/util/Currency
 instances
java/util/Currency mainTable
java/util/Currency scCutOverTimes
java/util/Currency scOldCurrencies
java/util/Currency scNewCurrencies
java/util/Currency scOldCurrenciesDFD
java/util/Currency scNewCurrenciesDFD
java/util/Currency otherCurrencies
java/util/Currency otherCurrenciesDFD
java/util/Currency A_TO_Z
java/util/Currency INVALID_COUNTRY_ENTRY
java/util/Currency COUNTRY_WITHOUT_CURRENCY_ENTRY
java/util/Currency SIMPLE_CASE_COUNTRY_MASK
java/util/Currency SIMPLE_CASE_COUNTRY_FINAL_CHAR_MASK
java/util/Currency SIMPLE_CASE_COUNTRY_DEFAULT_DIGITS_MASK
java/util/Currency SIMPLE_CASE_COUNTRY_DEFAULT_DIGITS_SHIFT
java/util/Currency SPECIAL_CASE_COUNTRY_MASK
java/util/Currency SPECIAL_CASE_COUNTRY_INDEX_MASK
java/util/Currency SPECIAL_CASE_COUNTRY_INDEX_DELTA
java/util/Currency COUNTRY_TYPE_MASK
java/util/Currency <init>(Ljava/lang/String;I)V
java/util/Currency getInstance(Ljava/lang/String;)Ljava/util/Currency;
java/util/Currency getInstance(Ljava/lang/String;I)Ljava/util/Currency;
java/util/Currency
 getInstance(Ljava/util/Locale;)Ljava/util/Currency;
java/util/Currency getCurrencyCode()Ljava/lang/String;
java/util/Currency getSymbol()Ljava/lang/String;
java/util/Currency getSymbol(Ljava/util/Locale;)Ljava/lang/String;
java/util/Currency getDefaultFractionDigits()I
java/util/Currency toString()Ljava/lang/String;
java/util/Currency readResolve()Ljava/lang/Object;
java/util/Currency getMainTableEntry(CC)I
java/util/Currency <clinit>()V
class java/text/DecimalFormatSymbols java/lang/Object

java/text/DecimalFormatSymbols zeroDigit
java/text/DecimalFormatSymbols groupingSeparator
java/text/DecimalFormatSymbols decimalSeparator
java/text/DecimalFormatSymbols perMill
java/text/DecimalFormatSymbols percent
java/text/DecimalFormatSymbols digit
java/text/DecimalFormatSymbols patternSeparator
java/text/DecimalFormatSymbols infinity
java/text/DecimalFormatSymbols NaN
java/text/DecimalFormatSymbols minusSign
java/text/DecimalFormatSymbols
currencySymbol
java/text/DecimalFormatSymbols intlCurrencySymbol
java/text/DecimalFormatSymbols monetarySeparator
java/text/DecimalFormatSymbols exponential
java/text/DecimalFormatSymbols locale
java/text/DecimalFormatSymbols currency
java/text/DecimalFormatSymbols serialVersionUID
java/text/DecimalFormatSymbols currentSerialVersion
java/text/DecimalFormatSymbols serialVersionOnStream
java/text/DecimalFormatSymbols cachedLocaleData
java/text/DecimalFormatSymbols <init>()V
java/text/DecimalFormatSymbols <init>(Ljava/util/Locale;)V
java/text/DecimalFormatSymbols getZeroDigit()C
java/text/DecimalFormatSymbols setZeroDigit(C)V
java/text/DecimalFormatSymbols getGroupingSeparator()C
java/text/DecimalFormatSymbols setGroupingSeparator(C)V
java/text/DecimalFormatSymbols getDecimalSeparator()C
java/text/DecimalFormatSymbols setDecimalSeparator(C)V
java/text/DecimalFormatSymbols getPerMill()C
java/text/DecimalFormatSymbols setPerMill(C)V
java/text/DecimalFormatSymbols getPercent()C
java/text/DecimalFormatSymbols
setPercent(C)V
java/text/DecimalFormatSymbols getDigit()C
java/text/DecimalFormatSymbols setDigit(C)V
java/text/DecimalFormatSymbols getPatternSeparator()C
java/text/DecimalFormatSymbols setPatternSeparator(C)V
java/text/DecimalFormatSymbols getInfinity()Ljava/lang/String;
java/text/DecimalFormatSymbols setInfinity(Ljava/lang/String;)V
java/text/DecimalFormatSymbols getNaN()Ljava/lang/String;
java/text/DecimalFormatSymbols setNaN(Ljava/lang/String;)V
java/text/DecimalFormatSymbols getMinusSign()C
java/text/DecimalFormatSymbols setMinusSign(C)V
java/text/DecimalFormatSymbols getCurrencySymbol()Ljava/lang/String;
java/text/DecimalFormatSymbols setCurrencySymbol(Ljava/lang/String;)V
java/text/DecimalFormatSymbols getInternationalCurrencySymbol()Ljava/lang/String;
java/text/DecimalFormatSymbols setInternationalCurrencySymbol(Ljava/lang/String;)V

java/text/DecimalFormatSymbols getCurrency()Ljava/util/Currency;
java/text/DecimalFormatSymbols setCurrency(Ljava/util/Currency;)V
java/text/DecimalFormatSymbols
getMonetaryDecimalSeparator()C
java/text/DecimalFormatSymbols setMonetaryDecimalSeparator(C)V
java/text/DecimalFormatSymbols getExponentialSymbol()C
java/text/DecimalFormatSymbols setExponentialSymbol(C)V
java/text/DecimalFormatSymbols clone()Ljava/lang/Object;
java/text/DecimalFormatSymbols equals(Ljava/lang/Object;)Z
java/text/DecimalFormatSymbols hashCode()I
java/text/DecimalFormatSymbols initialize(Ljava/util/Locale;)V
java/text/DecimalFormatSymbols readObject(Ljava/io/ObjectInputStream;)V
java/text/DecimalFormatSymbols <clinit>()V
class java/text/NumberFormat java/text/Format
java/text/NumberFormat INTEGER_FIELD
java/text/NumberFormat FRACTION_FIELD
java/text/NumberFormat cachedLocaleData
java/text/NumberFormat NUMBERSTYLE
java/text/NumberFormat CURRENCYSTYLE
java/text/NumberFormat PERCENTSTYLE
java/text/NumberFormat SCIENTIFICSTYLE
java/text/NumberFormat INTEGERSTYLE
java/text/NumberFormat groupingUsed
java/text/NumberFormat maxIntegerDigits
java/text/NumberFormat
minIntegerDigits
java/text/NumberFormat maxFractionDigits
java/text/NumberFormat minFractionDigits
java/text/NumberFormat parseIntegerOnly
java/text/NumberFormat maximumIntegerDigits
java/text/NumberFormat minimumIntegerDigits
java/text/NumberFormat maximumFractionDigits
java/text/NumberFormat minimumFractionDigits
java/text/NumberFormat currentSerialVersion
java/text/NumberFormat serialVersionOnStream
java/text/NumberFormat serialVersionUID
java/text/NumberFormat <init>()V
java/text/NumberFormat
format(Ljava/lang/Object;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/NumberFormat parseObject(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/lang/Object;
java/text/NumberFormat format(D)Ljava/lang/String;
java/text/NumberFormat format(J)Ljava/lang/String;
java/text/NumberFormat format(DLjava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/NumberFormat format(JLjava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/NumberFormat
parse(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/lang/Number;
java/text/NumberFormat parse(Ljava/lang/String;)Ljava/lang/Number;
java/text/NumberFormat isParseIntegerOnly()Z

java/text/NumberFormat setParseIntegerOnly(Z)V
java/text/NumberFormat getInstance()Ljava/text/NumberFormat;
java/text/NumberFormat getInstance(Ljava/util/Locale;)Ljava/text/NumberFormat;
java/text/NumberFormat getNumberInstance()Ljava/text/NumberFormat;
java/text/NumberFormat getNumberInstance(Ljava/util/Locale;)Ljava/text/NumberFormat;
java/text/NumberFormat getIntegerInstance()Ljava/text/NumberFormat;
java/text/NumberFormat getIntegerInstance(Ljava/util/Locale;)Ljava/text/NumberFormat;
java/text/NumberFormat getCurrencyInstance()Ljava/text/NumberFormat;
java/text/NumberFormat getCurrencyInstance(Ljava/util/Locale;)Ljava/text/NumberFormat;
java/text/NumberFormat getPercentInstance()Ljava/text/NumberFormat;
java/text/NumberFormat getPercentInstance(Ljava/util/Locale;)Ljava/text/NumberFormat;
java/text/NumberFormat
 getScientificInstance()Ljava/text/NumberFormat;
java/text/NumberFormat getScientificInstance(Ljava/util/Locale;)Ljava/text/NumberFormat;
java/text/NumberFormat getAvailableLocales()[Ljava/util/Locale;
java/text/NumberFormat hashCode()I
java/text/NumberFormat equals(Ljava/lang/Object;)Z
java/text/NumberFormat clone()Ljava/lang/Object;
java/text/NumberFormat isGroupingUsed()Z
java/text/NumberFormat setGroupingUsed(Z)V
java/text/NumberFormat getMaximumIntegerDigits()I
java/text/NumberFormat setMaximumIntegerDigits(I)V
java/text/NumberFormat getMinimumIntegerDigits()I
java/text/NumberFormat setMinimumIntegerDigits(I)V
java/text/NumberFormat getMaximumFractionDigits()I
java/text/NumberFormat setMaximumFractionDigits(I)V
java/text/NumberFormat getMinimumFractionDigits()I
java/text/NumberFormat setMinimumFractionDigits(I)V
java/text/NumberFormat getCurrency()Ljava/util/Currency;
java/text/NumberFormat setCurrency(Ljava/util/Currency;)V
java/text/NumberFormat
 getInstance(Ljava/util/Locale;I)Ljava/text/NumberFormat;
java/text/NumberFormat readObject(Ljava/io/ObjectInputStream;)V
java/text/NumberFormat writeObject(Ljava/io/ObjectOutputStream;)V
java/text/NumberFormat <clinit>()V
class java/util/GregorianCalendar java/util/Calendar
java/util/GregorianCalendar BC
java/util/GregorianCalendar BCE
java/util/GregorianCalendar AD
java/util/GregorianCalendar CE
java/util/GregorianCalendar EPOCH_OFFSET
java/util/GregorianCalendar EPOCH_YEAR
java/util/GregorianCalendar MONTH_LENGTH
java/util/GregorianCalendar LEAP_MONTH_LENGTH
java/util/GregorianCalendar ONE_SECOND
java/util/GregorianCalendar ONE_MINUTE
java/util/GregorianCalendar ONE_HOUR
java/util/GregorianCalendar ONE_DAY

java/util/GregorianCalendar ONE_WEEK
java/util/GregorianCalendar MIN_VALUES
java/util/GregorianCalendar LEAST_MAX_VALUES
java/util/GregorianCalendar MAX_VALUES
java/util/GregorianCalendar serialVersionUID
java/util/GregorianCalendar gcal
java/util/GregorianCalendar
jcal
java/util/GregorianCalendar jeras
java/util/GregorianCalendar DEFAULT_GREGORIAN_CUTOVER
java/util/GregorianCalendar gregorianCutover
java/util/GregorianCalendar gregorianCutoverDate
java/util/GregorianCalendar gregorianCutoverYear
java/util/GregorianCalendar gregorianCutoverYearJulian
java/util/GregorianCalendar gdate
java/util/GregorianCalendar cdate
java/util/GregorianCalendar calsys
java/util/GregorianCalendar zoneOffsets
java/util/GregorianCalendar originalFields
java/util/GregorianCalendar cachedFixedDate
java/util/GregorianCalendar $assertionsDisabled
java/util/GregorianCalendar <init>()V
java/util/GregorianCalendar <init>(Ljava/util/TimeZone;)V
java/util/GregorianCalendar <init>(Ljava/util/Locale;)V
java/util/GregorianCalendar <init>(Ljava/util/TimeZone;Ljava/util/Locale;)V
java/util/GregorianCalendar <init>(III)V
java/util/GregorianCalendar <init>(IIIII)V
java/util/GregorianCalendar <init>(IIIIII)V
java/util/GregorianCalendar <init>(IIIIIII)V
java/util/GregorianCalendar
setGregorianChange(Ljava/util/Date;)V
java/util/GregorianCalendar setGregorianChange(J)V
java/util/GregorianCalendar getGregorianChange()Ljava/util/Date;
java/util/GregorianCalendar isLeapYear(I)Z
java/util/GregorianCalendar equals(Ljava/lang/Object;)Z
java/util/GregorianCalendar hashCode()I
java/util/GregorianCalendar add(II)V
java/util/GregorianCalendar roll(IZ)V
java/util/GregorianCalendar roll(II)V
java/util/GregorianCalendar getMinimum(I)I
java/util/GregorianCalendar getMaximum(I)I
java/util/GregorianCalendar getGreatestMinimum(I)I
java/util/GregorianCalendar getLeastMaximum(I)I
java/util/GregorianCalendar getActualMinimum(I)I
java/util/GregorianCalendar getActualMaximum(I)I
java/util/GregorianCalendar getYearOffsetInMillis()J
java/util/GregorianCalendar clone()Ljava/lang/Object;
java/util/GregorianCalendar getTimeZone()Ljava/util/TimeZone;

java/util/GregorianCalendar setTimeZone(Ljava/util/TimeZone;)V
java/util/GregorianCalendar computeFields()V
java/util/GregorianCalendar
computeFields(II)I
java/util/GregorianCalendar getWeekNumber(JJ)I
java/util/GregorianCalendar computeTime()V
java/util/GregorianCalendar getFixedDate(Lsun/util/calendar/BaseCalendar;II)J
java/util/GregorianCalendar getNormalizedCalendar()Ljava/util/GregorianCalendar;
java/util/GregorianCalendar getJulianCalendarSystem()Lsun/util/calendar/BaseCalendar;
java/util/GregorianCalendar getCutoverCalendarSystem()Lsun/util/calendar/BaseCalendar;
java/util/GregorianCalendar isCutoverYear(I)Z
java/util/GregorianCalendar getFixedDateJan1(Lsun/util/calendar/BaseCalendar$Date;J)J
java/util/GregorianCalendar getFixedDateMonth1(Lsun/util/calendar/BaseCalendar$Date;J)J
java/util/GregorianCalendar getCalendarDate(J)Lsun/util/calendar/BaseCalendar$Date;
java/util/GregorianCalendar getGregorianCutoverDate()Lsun/util/calendar/BaseCalendar$Date;
java/util/GregorianCalendar getLastJulianDate()Lsun/util/calendar/BaseCalendar$Date;
java/util/GregorianCalendar monthLength(II)I
java/util/GregorianCalendar monthLength(I)I
java/util/GregorianCalendar
actualMonthLength()I
java/util/GregorianCalendar yearLength(I)I
java/util/GregorianCalendar yearLength()I
java/util/GregorianCalendar pinDayOfMonth()V
java/util/GregorianCalendar getCurrentFixedDate()J
java/util/GregorianCalendar getRolledValue(IIII)I
java/util/GregorianCalendar internalGetEra()I
java/util/GregorianCalendar readObject(Ljava/io/ObjectInputStream;)V
java/util/GregorianCalendar <clinit>()V
class java/util/Calendar java/lang/Object
java/util/Calendar ERA
java/util/Calendar YEAR
java/util/Calendar MONTH
java/util/Calendar WEEK_OF_YEAR
java/util/Calendar WEEK_OF_MONTH
java/util/Calendar DATE
java/util/Calendar DAY_OF_MONTH
java/util/Calendar DAY_OF_YEAR
java/util/Calendar DAY_OF_WEEK
java/util/Calendar DAY_OF_WEEK_IN_MONTH
java/util/Calendar AM_PM
java/util/Calendar HOUR
java/util/Calendar HOUR_OF_DAY
java/util/Calendar MINUTE
java/util/Calendar SECOND
java/util/Calendar MILLISECOND
java/util/Calendar ZONE_OFFSET
java/util/Calendar

DST_OFFSET
java/util/Calendar FIELD_COUNT
java/util/Calendar SUNDAY
java/util/Calendar MONDAY
java/util/Calendar TUESDAY
java/util/Calendar WEDNESDAY
java/util/Calendar THURSDAY
java/util/Calendar FRIDAY
java/util/Calendar SATURDAY
java/util/Calendar JANUARY
java/util/Calendar FEBRUARY
java/util/Calendar MARCH
java/util/Calendar APRIL
java/util/Calendar MAY
java/util/Calendar JUNE
java/util/Calendar JULY
java/util/Calendar AUGUST
java/util/Calendar SEPTEMBER
java/util/Calendar OCTOBER
java/util/Calendar NOVEMBER
java/util/Calendar DECEMBER
java/util/Calendar UNDECIMBER
java/util/Calendar AM
java/util/Calendar PM
java/util/Calendar fields
java/util/Calendar isSet
java/util/Calendar stamp
java/util/Calendar time
java/util/Calendar isTimeSet
java/util/Calendar areFieldsSet
java/util/Calendar areAllFieldsSet
java/util/Calendar lenient
java/util/Calendar zone
java/util/Calendar sharedZone
java/util/Calendar firstDayOfWeek
java/util/Calendar minimalDaysInFirstWeek
java/util/Calendar cachedLocaleData
java/util/Calendar
UNSET
java/util/Calendar COMPUTED
java/util/Calendar MINIMUM_USER_STAMP
java/util/Calendar ALL_FIELDS
java/util/Calendar nextStamp
java/util/Calendar currentSerialVersion
java/util/Calendar serialVersionOnStream
java/util/Calendar serialVersionUID
java/util/Calendar ERA_MASK
java/util/Calendar YEAR_MASK

java/util/Calendar MONTH_MASK
java/util/Calendar WEEK_OF_YEAR_MASK
java/util/Calendar WEEK_OF_MONTH_MASK
java/util/Calendar DAY_OF_MONTH_MASK
java/util/Calendar DATE_MASK
java/util/Calendar DAY_OF_YEAR_MASK
java/util/Calendar DAY_OF_WEEK_MASK
java/util/Calendar DAY_OF_WEEK_IN_MONTH_MASK
java/util/Calendar AM_PM_MASK
java/util/Calendar HOUR_MASK
java/util/Calendar HOUR_OF_DAY_MASK
java/util/Calendar MINUTE_MASK
java/util/Calendar SECOND_MASK
java/util/Calendar MILLISECOND_MASK
java/util/Calendar ZONE_OFFSET_MASK
java/util/Calendar DST_OFFSET_MASK
java/util/Calendar FIELD_NAME
java/util/Calendar $assertionsDisabled
java/util/Calendar <init>()V
java/util/Calendar
<init>(Ljava/util/TimeZone;Ljava/util/Locale;)V
java/util/Calendar getInstance()Ljava/util/Calendar;
java/util/Calendar getInstance(Ljava/util/TimeZone;)Ljava/util/Calendar;
java/util/Calendar getInstance(Ljava/util/Locale;)Ljava/util/Calendar;
java/util/Calendar getInstance(Ljava/util/TimeZone;Ljava/util/Locale;)Ljava/util/Calendar;
java/util/Calendar createCalendar(Ljava/util/TimeZone;Ljava/util/Locale;)Ljava/util/Calendar;
java/util/Calendar getAvailableLocales()[Ljava/util/Locale;
java/util/Calendar computeTime()V
java/util/Calendar computeFields()V
java/util/Calendar getTime()Ljava/util/Date;
java/util/Calendar setTime(Ljava/util/Date;)V
java/util/Calendar getTimeInMillis()J
java/util/Calendar setTimeInMillis(J)V
java/util/Calendar get(I)I
java/util/Calendar internalGet(I)I
java/util/Calendar internalSet(II)V
java/util/Calendar set(II)V
java/util/Calendar set(III)V
java/util/Calendar set(IIIII)V
java/util/Calendar set(IIIIII)V
java/util/Calendar clear()V
java/util/Calendar clear(I)V
java/util/Calendar
isSet(I)Z
java/util/Calendar complete()V
java/util/Calendar isExternallySet(I)Z
java/util/Calendar getSetStateFields()I
java/util/Calendar setFieldsComputed(I)V

java/util/Calendar setFieldsNormalized(I)V
java/util/Calendar isPartiallyNormalized()Z
java/util/Calendar isFullyNormalized()Z
java/util/Calendar setUnnormalized()V
java/util/Calendar isFieldSet(II)Z
java/util/Calendar selectFields()I
java/util/Calendar aggregateStamp(II)I
java/util/Calendar equals(Ljava/lang/Object;)Z
java/util/Calendar hashCode()I
java/util/Calendar before(Ljava/lang/Object;)Z
java/util/Calendar after(Ljava/lang/Object;)Z
java/util/Calendar compareTo(Ljava/util/Calendar;)I
java/util/Calendar add(II)V
java/util/Calendar roll(IZ)V
java/util/Calendar roll(II)V
java/util/Calendar setTimeZone(Ljava/util/TimeZone;)V
java/util/Calendar getTimeZone()Ljava/util/TimeZone;
java/util/Calendar getZone()Ljava/util/TimeZone;
java/util/Calendar setZoneShared(Z)V
java/util/Calendar setLenient(Z)V
java/util/Calendar
isLenient()Z
java/util/Calendar setFirstDayOfWeek(I)V
java/util/Calendar getFirstDayOfWeek()I
java/util/Calendar setMinimalDaysInFirstWeek(I)V
java/util/Calendar getMinimalDaysInFirstWeek()I
java/util/Calendar getMinimum(I)I
java/util/Calendar getMaximum(I)I
java/util/Calendar getGreatestMinimum(I)I
java/util/Calendar getLeastMaximum(I)I
java/util/Calendar getActualMinimum(I)I
java/util/Calendar getActualMaximum(I)I
java/util/Calendar clone()Ljava/lang/Object;
java/util/Calendar getFieldName(I)Ljava/lang/String;
java/util/Calendar toString()Ljava/lang/String;
java/util/Calendar appendValue(Ljava/lang/StringBuilder;Ljava/lang/String;ZJ)V
java/util/Calendar setWeekCountData(Ljava/util/Locale;)V
java/util/Calendar updateTime()V
java/util/Calendar compareTo(J)I
java/util/Calendar getMillisOf(Ljava/util/Calendar;)J
java/util/Calendar adjustStamp()V
java/util/Calendar invalidateWeekFields()V
java/util/Calendar writeObject(Ljava/io/ObjectOutputStream;)V
java/util/Calendar readObject(Ljava/io/ObjectInputStream;)V
java/util/Calendar
compareTo(Ljava/lang/Object;)I
java/util/Calendar <clinit>()V
class java/text/DateFormat$Field java/text/Format$Field

java/text/DateFormat$Field serialVersionUID
java/text/DateFormat$Field instanceMap
java/text/DateFormat$Field calendarToFieldMapping
java/text/DateFormat$Field calendarField
java/text/DateFormat$Field ERA
java/text/DateFormat$Field YEAR
java/text/DateFormat$Field MONTH
java/text/DateFormat$Field DAY_OF_MONTH
java/text/DateFormat$Field HOUR_OF_DAY1
java/text/DateFormat$Field HOUR_OF_DAY0
java/text/DateFormat$Field MINUTE
java/text/DateFormat$Field SECOND
java/text/DateFormat$Field MILLISECOND
java/text/DateFormat$Field DAY_OF_WEEK
java/text/DateFormat$Field DAY_OF_YEAR
java/text/DateFormat$Field DAY_OF_WEEK_IN_MONTH
java/text/DateFormat$Field WEEK_OF_YEAR
java/text/DateFormat$Field WEEK_OF_MONTH
java/text/DateFormat$Field AM_PM
java/text/DateFormat$Field HOUR1
java/text/DateFormat$Field HOUR0
java/text/DateFormat$Field
TIME_ZONE
java/text/DateFormat$Field ofCalendarField(I)Ljava/text/DateFormat$Field;
java/text/DateFormat$Field <init>(Ljava/lang/String;I)V
java/text/DateFormat$Field getCalendarField()I
java/text/DateFormat$Field readResolve()Ljava/lang/Object;
java/text/DateFormat$Field <clinit>()V
class java/text/SimpleDateFormat java/text/DateFormat
java/text/SimpleDateFormat serialVersionUID
java/text/SimpleDateFormat currentSerialVersion
java/text/SimpleDateFormat serialVersionOnStream
java/text/SimpleDateFormat pattern
java/text/SimpleDateFormat compiledPattern
java/text/SimpleDateFormat TAG_QUOTE_ASCII_CHAR
java/text/SimpleDateFormat TAG_QUOTE_CHARS
java/text/SimpleDateFormat zeroDigit
java/text/SimpleDateFormat formatData
java/text/SimpleDateFormat defaultCenturyStart
java/text/SimpleDateFormat defaultCenturyStartYear
java/text/SimpleDateFormat millisPerHour
java/text/SimpleDateFormat millisPerMinute
java/text/SimpleDateFormat GMT
java/text/SimpleDateFormat cachedLocaleData
java/text/SimpleDateFormat
cachedNumberFormatData
java/text/SimpleDateFormat PATTERN_INDEX_TO_CALENDAR_FIELD
java/text/SimpleDateFormat PATTERN_INDEX_TO_DATE_FORMAT_FIELD

java/text/SimpleDateFormat PATTERN_INDEX_TO_DATE_FORMAT_FIELD_ID
java/text/SimpleDateFormat <init>()V
java/text/SimpleDateFormat <init>(Ljava/lang/String;)V
java/text/SimpleDateFormat <init>(Ljava/lang/String;Ljava/util/Locale;)V
java/text/SimpleDateFormat <init>(Ljava/lang/String;Ljava/text/DateFormatSymbols;)V
java/text/SimpleDateFormat <init>(IILjava/util/Locale;)V
java/text/SimpleDateFormat initialize(Ljava/util/Locale;)V
java/text/SimpleDateFormat compile(Ljava/lang/String;)[C
java/text/SimpleDateFormat encode(IILjava/lang/StringBuilder;)V
java/text/SimpleDateFormat initializeDefaultCentury()V
java/text/SimpleDateFormat parseAmbiguousDatesAsAfter(Ljava/util/Date;)V
java/text/SimpleDateFormat set2DigitYearStart(Ljava/util/Date;)V
java/text/SimpleDateFormat get2DigitYearStart()Ljava/util/Date;
java/text/SimpleDateFormat
format(Ljava/util/Date;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/SimpleDateFormat
format(Ljava/util/Date;Ljava/lang/StringBuffer;Ljava/text/Format$FieldDelegate;)Ljava/lang/StringBuffer;
java/text/SimpleDateFormat formatToCharacterIterator(Ljava/lang/Object;)Ljava/text/AttributedCharacterIterator;
java/text/SimpleDateFormat subFormat(IILjava/text/Format$FieldDelegate;Ljava/lang/StringBuffer;)V
java/text/SimpleDateFormat zeroPaddingNumber(IIILjava/lang/StringBuffer;)V
java/text/SimpleDateFormat parse(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/util/Date;
java/text/SimpleDateFormat matchString(Ljava/lang/String;II[Ljava/lang/String;)I
java/text/SimpleDateFormat matchZoneString(Ljava/lang/String;II)I
java/text/SimpleDateFormat matchDSTString(Ljava/lang/String;III)Z
java/text/SimpleDateFormat subParseZoneString(Ljava/lang/String;I)I
java/text/SimpleDateFormat subParse(Ljava/lang/String;IIIZ[ZLjava/text/ParsePosition;)I
java/text/SimpleDateFormat
translatePattern(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/text/SimpleDateFormat
toPattern()Ljava/lang/String;
java/text/SimpleDateFormat toLocalizedPattern()Ljava/lang/String;
java/text/SimpleDateFormat applyPattern(Ljava/lang/String;)V
java/text/SimpleDateFormat applyLocalizedPattern(Ljava/lang/String;)V
java/text/SimpleDateFormat getDateFormatSymbols()Ljava/text/DateFormatSymbols;
java/text/SimpleDateFormat setDateFormatSymbols(Ljava/text/DateFormatSymbols;)V
java/text/SimpleDateFormat clone()Ljava/lang/Object;
java/text/SimpleDateFormat hashCode()I
java/text/SimpleDateFormat equals(Ljava/lang/Object;)Z
java/text/SimpleDateFormat readObject(Ljava/io/ObjectInputStream;)V
java/text/SimpleDateFormat <clinit>()V
class java/text/DateFormat java/text/Format
java/text/DateFormat calendar
java/text/DateFormat numberFormat
java/text/DateFormat ERA_FIELD
java/text/DateFormat YEAR_FIELD
java/text/DateFormat MONTH_FIELD
java/text/DateFormat DATE_FIELD
java/text/DateFormat

HOUR_OF_DAY1_FIELD
java/text/DateFormat HOUR_OF_DAY0_FIELD
java/text/DateFormat MINUTE_FIELD
java/text/DateFormat SECOND_FIELD
java/text/DateFormat MILLISECOND_FIELD
java/text/DateFormat DAY_OF_WEEK_FIELD
java/text/DateFormat DAY_OF_YEAR_FIELD
java/text/DateFormat DAY_OF_WEEK_IN_MONTH_FIELD
java/text/DateFormat WEEK_OF_YEAR_FIELD
java/text/DateFormat WEEK_OF_MONTH_FIELD
java/text/DateFormat AM_PM_FIELD
java/text/DateFormat HOUR1_FIELD
java/text/DateFormat HOUR0_FIELD
java/text/DateFormat TIMEZONE_FIELD
java/text/DateFormat serialVersionUID
java/text/DateFormat FULL
java/text/DateFormat LONG
java/text/DateFormat MEDIUM
java/text/DateFormat SHORT
java/text/DateFormat DEFAULT
java/text/DateFormat
format(Ljava/lang/Object;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/DateFormat
format(Ljava/util/Date;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/DateFormat format(Ljava/util/Date;)Ljava/lang/String;
java/text/DateFormat
parse(Ljava/lang/String;)Ljava/util/Date;
java/text/DateFormat parse(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/util/Date;
java/text/DateFormat parseObject(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/lang/Object;
java/text/DateFormat getTimeInstance()Ljava/text/DateFormat;
java/text/DateFormat getTimeInstance(I)Ljava/text/DateFormat;
java/text/DateFormat getTimeInstance(ILjava/util/Locale;)Ljava/text/DateFormat;
java/text/DateFormat getDateInstance()Ljava/text/DateFormat;
java/text/DateFormat getDateInstance(I)Ljava/text/DateFormat;
java/text/DateFormat getDateInstance(ILjava/util/Locale;)Ljava/text/DateFormat;
java/text/DateFormat getDateTimeInstance()Ljava/text/DateFormat;
java/text/DateFormat getDateTimeInstance(II)Ljava/text/DateFormat;
java/text/DateFormat getDateTimeInstance(IILjava/util/Locale;)Ljava/text/DateFormat;
java/text/DateFormat getInstance()Ljava/text/DateFormat;
java/text/DateFormat getAvailableLocales()[Ljava/util/Locale;
java/text/DateFormat
setCalendar(Ljava/util/Calendar;)V
java/text/DateFormat getCalendar()Ljava/util/Calendar;
java/text/DateFormat setNumberFormat(Ljava/text/NumberFormat;)V
java/text/DateFormat getNumberFormat()Ljava/text/NumberFormat;
java/text/DateFormat setTimeZone(Ljava/util/TimeZone;)V
java/text/DateFormat getTimeZone()Ljava/util/TimeZone;
java/text/DateFormat setLenient(Z)V

java/text/DateFormat isLenient()Z
java/text/DateFormat hashCode()I
java/text/DateFormat equals(Ljava/lang/Object;)Z
java/text/DateFormat clone()Ljava/lang/Object;
java/text/DateFormat get(IIILjava/util/Locale;)Ljava/text/DateFormat;
java/text/DateFormat <init>()V
class java/net/URLConnection$1 java/lang/Object
java/net/URLConnection$1 map
java/net/URLConnection$1 <init>()V
java/net/URLConnection$1 getContentTypeFor(Ljava/lang/String;)Ljava/lang/String;
class java/net/FileNameMap java/lang/Object
java/net/FileNameMap getContentTypeFor(Ljava/lang/String;)Ljava/lang/String;
class java/lang/UnsatisfiedLinkError java/lang/LinkageError
java/lang/UnsatisfiedLinkError
 <init>()V
java/lang/UnsatisfiedLinkError <init>(Ljava/lang/String;)V
class java/net/SocketTimeoutException java/io/InterruptedIOException
java/net/SocketTimeoutException <init>(Ljava/lang/String;)V
java/net/SocketTimeoutException <init>()V
class java/io/InterruptedIOException java/io/IOException
java/io/InterruptedIOException bytesTransferred
java/io/InterruptedIOException <init>()V
java/io/InterruptedIOException <init>(Ljava/lang/String;)V
class java/net/SocketImplFactory java/lang/Object
java/net/SocketImplFactory createSocketImpl()Ljava/net/SocketImpl;
class java/nio/channels/SocketChannel java/nio/channels/spi/AbstractSelectableChannel
java/nio/channels/SocketChannel <init>(Ljava/nio/channels/spi/SelectorProvider;)V
java/nio/channels/SocketChannel open()Ljava/nio/channels/SocketChannel;
java/nio/channels/SocketChannel open(Ljava/net/SocketAddress;)Ljava/nio/channels/SocketChannel;
java/nio/channels/SocketChannel validOps()I
java/nio/channels/SocketChannel
 socket()Ljava/net/Socket;
java/nio/channels/SocketChannel isConnected()Z
java/nio/channels/SocketChannel isConnectionPending()Z
java/nio/channels/SocketChannel connect(Ljava/net/SocketAddress;)Z
java/nio/channels/SocketChannel finishConnect()Z
java/nio/channels/SocketChannel read(Ljava/nio/ByteBuffer;)I
java/nio/channels/SocketChannel read([Ljava/nio/ByteBuffer;II)J
java/nio/channels/SocketChannel read([Ljava/nio/ByteBuffer;)J
java/nio/channels/SocketChannel write(Ljava/nio/ByteBuffer;)I
java/nio/channels/SocketChannel write([Ljava/nio/ByteBuffer;II)J
java/nio/channels/SocketChannel write([Ljava/nio/ByteBuffer;)J
class java/nio/channels/spi/AbstractSelectableChannel java/nio/channels/SelectableChannel
java/nio/channels/spi/AbstractSelectableChannel provider
java/nio/channels/spi/AbstractSelectableChannel keys
java/nio/channels/spi/AbstractSelectableChannel keyCount
java/nio/channels/spi/AbstractSelectableChannel keyLock
java/nio/channels/spi/AbstractSelectableChannel regLock

java/nio/channels/spi/AbstractSelectableChannel
blocking
java/nio/channels/spi/AbstractSelectableChannel <init>(Ljava/nio/channels/spi/SelectorProvider;)V
java/nio/channels/spi/AbstractSelectableChannel provider()Ljava/nio/channels/spi/SelectorProvider;
java/nio/channels/spi/AbstractSelectableChannel addKey(Ljava/nio/channels/SelectionKey;)V
java/nio/channels/spi/AbstractSelectableChannel
findKey(Ljava/nio/channels/Selector;)Ljava/nio/channels/SelectionKey;
java/nio/channels/spi/AbstractSelectableChannel removeKey(Ljava/nio/channels/SelectionKey;)V
java/nio/channels/spi/AbstractSelectableChannel haveValidKeys()Z
java/nio/channels/spi/AbstractSelectableChannel isRegistered()Z
java/nio/channels/spi/AbstractSelectableChannel
keyFor(Ljava/nio/channels/Selector;)Ljava/nio/channels/SelectionKey;
java/nio/channels/spi/AbstractSelectableChannel
register(Ljava/nio/channels/Selector;ILjava/lang/Object;)Ljava/nio/channels/SelectionKey;
java/nio/channels/spi/AbstractSelectableChannel implCloseChannel()V
java/nio/channels/spi/AbstractSelectableChannel
implCloseSelectableChannel()V
java/nio/channels/spi/AbstractSelectableChannel isBlocking()Z
java/nio/channels/spi/AbstractSelectableChannel blockingLock()Ljava/lang/Object;
java/nio/channels/spi/AbstractSelectableChannel configureBlocking(Z)Ljava/nio/channels/SelectableChannel;
java/nio/channels/spi/AbstractSelectableChannel implConfigureBlocking(Z)V
class java/nio/channels/SelectableChannel java/nio/channels/spi/AbstractInterruptibleChannel
java/nio/channels/SelectableChannel <init>()V
java/nio/channels/SelectableChannel provider()Ljava/nio/channels/spi/SelectorProvider;
java/nio/channels/SelectableChannel validOps()I
java/nio/channels/SelectableChannel isRegistered()Z
java/nio/channels/SelectableChannel keyFor(Ljava/nio/channels/Selector;)Ljava/nio/channels/SelectionKey;
java/nio/channels/SelectableChannel
register(Ljava/nio/channels/Selector;ILjava/lang/Object;)Ljava/nio/channels/SelectionKey;
java/nio/channels/SelectableChannel
register(Ljava/nio/channels/Selector;I)Ljava/nio/channels/SelectionKey;
java/nio/channels/SelectableChannel configureBlocking(Z)Ljava/nio/channels/SelectableChannel;
java/nio/channels/SelectableChannel isBlocking()Z
java/nio/channels/SelectableChannel blockingLock()Ljava/lang/Object;
class java/net/UnknownHostException java/io/IOException
java/net/UnknownHostException <init>(Ljava/lang/String;)V
java/net/UnknownHostException <init>()V
class java/io/UnsupportedEncodingException java/io/IOException
java/io/UnsupportedEncodingException <init>()V
java/io/UnsupportedEncodingException <init>(Ljava/lang/String;)V
class java/io/StringWriter java/io/Writer
java/io/StringWriter buf
java/io/StringWriter <init>()V
java/io/StringWriter <init>(I)V
java/io/StringWriter write(I)V
java/io/StringWriter write([CII)V
java/io/StringWriter write(Ljava/lang/String;)V
java/io/StringWriter write(Ljava/lang/String;II)V

java/io/StringWriter append(Ljava/lang/CharSequence;)Ljava/io/StringWriter;
java/io/StringWriter
 append(Ljava/lang/CharSequence;II)Ljava/io/StringWriter;
java/io/StringWriter append(C)Ljava/io/StringWriter;
java/io/StringWriter toString()Ljava/lang/String;
java/io/StringWriter getBuffer()Ljava/lang/StringBuffer;
java/io/StringWriter flush()V
java/io/StringWriter close()V
java/io/StringWriter append(C)Ljava/io/Writer;
java/io/StringWriter append(Ljava/lang/CharSequence;II)Ljava/io/Writer;
java/io/StringWriter append(Ljava/lang/CharSequence;)Ljava/io/Writer;
java/io/StringWriter append(C)Ljava/lang/Appendable;
java/io/StringWriter append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/io/StringWriter append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
class java/awt/LightweightDispatcher$2 java/lang/Object
java/awt/LightweightDispatcher$2 this$0
java/awt/LightweightDispatcher$2 <init>(Ljava/awt/LightweightDispatcher;)V
java/awt/LightweightDispatcher$2 run()Ljava/lang/Object;
class java/awt/Window$1DisposeAction java/lang/Object
java/awt/Window$1DisposeAction this$0
java/awt/Window$1DisposeAction
 <init>(Ljava/awt/Window;)V
java/awt/Window$1DisposeAction run()V
class java/awt/MenuBar java/awt/MenuComponent
java/awt/MenuBar menus
java/awt/MenuBar helpMenu
java/awt/MenuBar base
java/awt/MenuBar nameCounter
java/awt/MenuBar serialVersionUID
java/awt/MenuBar menuBarSerializedDataVersion
java/awt/MenuBar <init>()V
java/awt/MenuBar constructComponentName()Ljava/lang/String;
java/awt/MenuBar addNotify()V
java/awt/MenuBar removeNotify()V
java/awt/MenuBar getHelpMenu()Ljava/awt/Menu;
java/awt/MenuBar setHelpMenu(Ljava/awt/Menu;)V
java/awt/MenuBar add(Ljava/awt/Menu;)Ljava/awt/Menu;
java/awt/MenuBar remove(I)V
java/awt/MenuBar remove(Ljava/awt/MenuComponent;)V
java/awt/MenuBar getMenuCount()I
java/awt/MenuBar countMenus()I
java/awt/MenuBar getMenuCountImpl()I
java/awt/MenuBar getMenu(I)Ljava/awt/Menu;
java/awt/MenuBar getMenuImpl(I)Ljava/awt/Menu;
java/awt/MenuBar shortcuts()Ljava/util/Enumeration;
java/awt/MenuBar getShortcutMenuItem(Ljava/awt/MenuShortcut;)Ljava/awt/MenuItem;
java/awt/MenuBar

handleShortcut(Ljava/awt/event/KeyEvent;)Z
java/awt/MenuBar deleteShortcut(Ljava/awt/MenuShortcut;)V
java/awt/MenuBar writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/MenuBar readObject(Ljava/io/ObjectInputStream;)V
java/awt/MenuBar initIDs()V
java/awt/MenuBar getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/MenuBar getAccessibleChildIndex(Ljava/awt/MenuComponent;)I
java/awt/MenuBar <clinit>()V
class java/awt/event/AdjustmentEvent java/awt/AWTEvent
java/awt/event/AdjustmentEvent ADJUSTMENT_FIRST
java/awt/event/AdjustmentEvent ADJUSTMENT_LAST
java/awt/event/AdjustmentEvent ADJUSTMENT_VALUE_CHANGED
java/awt/event/AdjustmentEvent UNIT_INCREMENT
java/awt/event/AdjustmentEvent UNIT_DECREMENT
java/awt/event/AdjustmentEvent BLOCK_DECREMENT
java/awt/event/AdjustmentEvent BLOCK_INCREMENT
java/awt/event/AdjustmentEvent TRACK
java/awt/event/AdjustmentEvent adjustable
java/awt/event/AdjustmentEvent value
java/awt/event/AdjustmentEvent
adjustmentType
java/awt/event/AdjustmentEvent isAdjusting
java/awt/event/AdjustmentEvent serialVersionUID
java/awt/event/AdjustmentEvent <init>(Ljava/awt/Adjustable;III)V
java/awt/event/AdjustmentEvent <init>(Ljava/awt/Adjustable;IIIZ)V
java/awt/event/AdjustmentEvent getAdjustable()Ljava/awt/Adjustable;
java/awt/event/AdjustmentEvent getValue()I
java/awt/event/AdjustmentEvent getAdjustmentType()I
java/awt/event/AdjustmentEvent getValueIsAdjusting()Z
java/awt/event/AdjustmentEvent paramString()Ljava/lang/String;
class java/util/Hashtable$KeySet java/util/AbstractSet
java/util/Hashtable$KeySet this$0
java/util/Hashtable$KeySet <init>(Ljava/util/Hashtable;)V
java/util/Hashtable$KeySet iterator()Ljava/util/Iterator;
java/util/Hashtable$KeySet size()I
java/util/Hashtable$KeySet contains(Ljava/lang/Object;)Z
java/util/Hashtable$KeySet remove(Ljava/lang/Object;)Z
java/util/Hashtable$KeySet clear()V
java/util/Hashtable$KeySet <init>(Ljava/util/Hashtable;Ljava/util/Hashtable$1;)V
class java/applet/Applet
java/awt/Panel
java/applet/Applet stub
java/applet/Applet serialVersionUID
java/applet/Applet accessibleContext
java/applet/Applet <init>()V
java/applet/Applet readObject(Ljava/io/ObjectInputStream;)V
java/applet/Applet setStub(Ljava/applet/AppletStub;)V
java/applet/Applet isActive()Z

java/applet/Applet getDocumentBase()Ljava/net/URL;
java/applet/Applet getCodeBase()Ljava/net/URL;
java/applet/Applet getParameter(Ljava/lang/String;)Ljava/lang/String;
java/applet/Applet getAppletContext()Ljava/applet/AppletContext;
java/applet/Applet resize(II)V
java/applet/Applet resize(Ljava/awt/Dimension;)V
java/applet/Applet showStatus(Ljava/lang/String;)V
java/applet/Applet getImage(Ljava/net/URL;)Ljava/awt/Image;
java/applet/Applet getImage(Ljava/net/URL;Ljava/lang/String;)Ljava/awt/Image;
java/applet/Applet newAudioClip(Ljava/net/URL;)Ljava/applet/AudioClip;
java/applet/Applet getAudioClip(Ljava/net/URL;)Ljava/applet/AudioClip;
java/applet/Applet getAudioClip(Ljava/net/URL;Ljava/lang/String;)Ljava/applet/AudioClip;
java/applet/Applet
getAppletInfo()Ljava/lang/String;
java/applet/Applet getLocale()Ljava/util/Locale;
java/applet/Applet getParameterInfo()[[Ljava/lang/String;
java/applet/Applet play(Ljava/net/URL;)V
java/applet/Applet play(Ljava/net/URL;Ljava/lang/String;)V
java/applet/Applet init()V
java/applet/Applet start()V
java/applet/Applet stop()V
java/applet/Applet destroy()V
java/applet/Applet getAccessibleContext()Ljavax/accessibility/AccessibleContext;
class java/awt/Panel java/awt/Container
java/awt/Panel base
java/awt/Panel nameCounter
java/awt/Panel serialVersionUID
java/awt/Panel <init>()V
java/awt/Panel <init>(Ljava/awt/LayoutManager;)V
java/awt/Panel constructComponentName()Ljava/lang/String;
java/awt/Panel addNotify()V
java/awt/Panel getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Panel <clinit>()V
class java/util/LinkedHashMap$KeyIterator java/util/LinkedHashMap$LinkedHashIterator
java/util/LinkedHashMap$KeyIterator this$0
java/util/LinkedHashMap$KeyIterator
<init>(Ljava/util/LinkedHashMap;)V
java/util/LinkedHashMap$KeyIterator next()Ljava/lang/Object;
java/util/LinkedHashMap$KeyIterator <init>(Ljava/util/LinkedHashMap;Ljava/util/LinkedHashMap$1;)V
class java/util/LinkedHashMap$LinkedHashIterator java/lang/Object
java/util/LinkedHashMap$LinkedHashIterator nextEntry
java/util/LinkedHashMap$LinkedHashIterator lastReturned
java/util/LinkedHashMap$LinkedHashIterator expectedModCount
java/util/LinkedHashMap$LinkedHashIterator this$0
java/util/LinkedHashMap$LinkedHashIterator <init>(Ljava/util/LinkedHashMap;)V
java/util/LinkedHashMap$LinkedHashIterator hasNext()Z
java/util/LinkedHashMap$LinkedHashIterator remove()V
java/util/LinkedHashMap$LinkedHashIterator nextEntry()Ljava/util/LinkedHashMap$Entry;

java/util/LinkedHashMap$LinkedHashIterator <init>(Ljava/util/LinkedHashMap;Ljava/util/LinkedHashMap$1;)V
class java/awt/datatransfer/ClipboardOwner java/lang/Object
java/awt/datatransfer/ClipboardOwner
lostOwnership(Ljava/awt/datatransfer/Clipboard;Ljava/awt/datatransfer/Transferable;)V
class
java/awt/event/ComponentAdapter java/lang/Object
java/awt/event/ComponentAdapter <init>()V
java/awt/event/ComponentAdapter componentResized(Ljava/awt/event/ComponentEvent;)V
java/awt/event/ComponentAdapter componentMoved(Ljava/awt/event/ComponentEvent;)V
java/awt/event/ComponentAdapter componentShown(Ljava/awt/event/ComponentEvent;)V
java/awt/event/ComponentAdapter componentHidden(Ljava/awt/event/ComponentEvent;)V
class java/awt/datatransfer/Transferable java/lang/Object
java/awt/datatransfer/Transferable getTransferDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/datatransfer/Transferable isDataFlavorSupported(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/datatransfer/Transferable getTransferData(Ljava/awt/datatransfer/DataFlavor;)Ljava/lang/Object;
class java/rmi/Remote java/lang/Object
class java/lang/StringCoding$CharsetSE java/lang/StringCoding$StringEncoder
java/lang/StringCoding$CharsetSE cs
java/lang/StringCoding$CharsetSE
ce
java/lang/StringCoding$CharsetSE <init>(Ljava/nio/charset/Charset;Ljava/lang/String;)V
java/lang/StringCoding$CharsetSE charsetName()Ljava/lang/String;
java/lang/StringCoding$CharsetSE encode([CII)[B
java/lang/StringCoding$CharsetSE
<init>(Ljava/nio/charset/Charset;Ljava/lang/String;Ljava/lang/StringCoding$1;)V
class java/lang/StringCoding$StringEncoder java/lang/Object
java/lang/StringCoding$StringEncoder requestedCharsetName
java/lang/StringCoding$StringEncoder <init>(Ljava/lang/String;)V
java/lang/StringCoding$StringEncoder requestedCharsetName()Ljava/lang/String;
java/lang/StringCoding$StringEncoder charsetName()Ljava/lang/String;
java/lang/StringCoding$StringEncoder encode([CII)[B
class java/awt/datatransfer/DataFlavor$1 java/lang/Object
java/awt/datatransfer/DataFlavor$1 <init>()V
java/awt/datatransfer/DataFlavor$1 run()Ljava/lang/Object;
class java/awt/datatransfer/DataFlavor java/lang/Object
java/awt/datatransfer/DataFlavor serialVersionUID
java/awt/datatransfer/DataFlavor
ioInputStreamClass
java/awt/datatransfer/DataFlavor stringFlavor
java/awt/datatransfer/DataFlavor imageFlavor
java/awt/datatransfer/DataFlavor plainTextFlavor
java/awt/datatransfer/DataFlavor javaSerializedObjectMimeType
java/awt/datatransfer/DataFlavor javaFileListFlavor
java/awt/datatransfer/DataFlavor javaJVMLocalObjectMimeType
java/awt/datatransfer/DataFlavor javaRemoteObjectMimeType
java/awt/datatransfer/DataFlavor textFlavorComparator
java/awt/datatransfer/DataFlavor atom
java/awt/datatransfer/DataFlavor mimeType

java/awt/datatransfer/DataFlavor humanPresentableName
java/awt/datatransfer/DataFlavor representationClass
java/awt/datatransfer/DataFlavor tryToLoadClass(Ljava/lang/String;Ljava/lang/ClassLoader;)Ljava/lang/Class;
java/awt/datatransfer/DataFlavor
createConstant(Ljava/lang/Class;Ljava/lang/String;)Ljava/awt/datatransfer/DataFlavor;
java/awt/datatransfer/DataFlavor
createConstant(Ljava/lang/String;Ljava/lang/String;)Ljava/awt/datatransfer/DataFlavor;
java/awt/datatransfer/DataFlavor
<init>()V
java/awt/datatransfer/DataFlavor
<init>(Ljava/lang/String;Ljava/lang/String;Ljava/awt/datatransfer/MimeTypeParameterList;Ljava/lang/Class;Ljava/lang/String;)V
java/awt/datatransfer/DataFlavor <init>(Ljava/lang/Class;Ljava/lang/String;)V
java/awt/datatransfer/DataFlavor <init>(Ljava/lang/String;Ljava/lang/String;)V
java/awt/datatransfer/DataFlavor <init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/ClassLoader;)V
java/awt/datatransfer/DataFlavor <init>(Ljava/lang/String;)V
java/awt/datatransfer/DataFlavor initialize(Ljava/lang/String;Ljava/lang/String;Ljava/lang/ClassLoader;)V
java/awt/datatransfer/DataFlavor toString()Ljava/lang/String;
java/awt/datatransfer/DataFlavor paramString()Ljava/lang/String;
java/awt/datatransfer/DataFlavor getTextPlainUnicodeFlavor()Ljava/awt/datatransfer/DataFlavor;
java/awt/datatransfer/DataFlavor
selectBestTextFlavor([Ljava/awt/datatransfer/DataFlavor;)Ljava/awt/datatransfer/DataFlavor;
java/awt/datatransfer/DataFlavor
getReaderForText(Ljava/awt/datatransfer/Transferable;)Ljava/io/Reader;
java/awt/datatransfer/DataFlavor getMimeType()Ljava/lang/String;
java/awt/datatransfer/DataFlavor getRepresentationClass()Ljava/lang/Class;
java/awt/datatransfer/DataFlavor getHumanPresentableName()Ljava/lang/String;
java/awt/datatransfer/DataFlavor getPrimaryType()Ljava/lang/String;
java/awt/datatransfer/DataFlavor getSubType()Ljava/lang/String;
java/awt/datatransfer/DataFlavor getParameter(Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/DataFlavor setHumanPresentableName(Ljava/lang/String;)V
java/awt/datatransfer/DataFlavor equals(Ljava/lang/Object;)Z
java/awt/datatransfer/DataFlavor equals(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/datatransfer/DataFlavor equals(Ljava/lang/String;)Z
java/awt/datatransfer/DataFlavor hashCode()I
java/awt/datatransfer/DataFlavor match(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/datatransfer/DataFlavor isMimeTypeEqual(Ljava/lang/String;)Z
java/awt/datatransfer/DataFlavor
isMimeTypeEqual(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/datatransfer/DataFlavor isMimeTypeEqual(Ljava/awt/datatransfer/MimeType;)Z
java/awt/datatransfer/DataFlavor isMimeTypeSerializedObject()Z
java/awt/datatransfer/DataFlavor getDefaultRepresentationClass()Ljava/lang/Class;
java/awt/datatransfer/DataFlavor getDefaultRepresentationClassAsString()Ljava/lang/String;
java/awt/datatransfer/DataFlavor isRepresentationClassInputStream()Z
java/awt/datatransfer/DataFlavor isRepresentationClassReader()Z
java/awt/datatransfer/DataFlavor isRepresentationClassCharBuffer()Z
java/awt/datatransfer/DataFlavor isRepresentationClassByteBuffer()Z
java/awt/datatransfer/DataFlavor isRepresentationClassSerializable()Z

java/awt/datatransfer/DataFlavor isRepresentationClassRemote()Z
java/awt/datatransfer/DataFlavor isFlavorSerializedObjectType()Z
java/awt/datatransfer/DataFlavor isFlavorRemoteObjectType()Z
java/awt/datatransfer/DataFlavor isFlavorJavaFileListType()Z
java/awt/datatransfer/DataFlavor
isFlavorTextType()Z
java/awt/datatransfer/DataFlavor writeExternal(Ljava/io/ObjectOutput;)V
java/awt/datatransfer/DataFlavor readExternal(Ljava/io/ObjectInput;)V
java/awt/datatransfer/DataFlavor clone()Ljava/lang/Object;
java/awt/datatransfer/DataFlavor
normalizeMimeTypeParameter(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/DataFlavor normalizeMimeType(Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/DataFlavor <clinit>()V
class java/awt/datatransfer/MimeTypeParameterList java/lang/Object
java/awt/datatransfer/MimeTypeParameterList parameters
java/awt/datatransfer/MimeTypeParameterList TSPECIALS
java/awt/datatransfer/MimeTypeParameterList <init>()V
java/awt/datatransfer/MimeTypeParameterList <init>(Ljava/lang/String;)V
java/awt/datatransfer/MimeTypeParameterList hashCode()I
java/awt/datatransfer/MimeTypeParameterList equals(Ljava/lang/Object;)Z
java/awt/datatransfer/MimeTypeParameterList parse(Ljava/lang/String;)V
java/awt/datatransfer/MimeTypeParameterList
size()I
java/awt/datatransfer/MimeTypeParameterList isEmpty()Z
java/awt/datatransfer/MimeTypeParameterList get(Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/MimeTypeParameterList set(Ljava/lang/String;Ljava/lang/String;)V
java/awt/datatransfer/MimeTypeParameterList remove(Ljava/lang/String;)V
java/awt/datatransfer/MimeTypeParameterList getNames()Ljava/util/Enumeration;
java/awt/datatransfer/MimeTypeParameterList toString()Ljava/lang/String;
java/awt/datatransfer/MimeTypeParameterList clone()Ljava/lang/Object;
java/awt/datatransfer/MimeTypeParameterList isTokenChar(C)Z
java/awt/datatransfer/MimeTypeParameterList skipWhiteSpace(Ljava/lang/String;I)I
java/awt/datatransfer/MimeTypeParameterList quote(Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/MimeTypeParameterList unquote(Ljava/lang/String;)Ljava/lang/String;
class java/awt/datatransfer/MimeType java/lang/Object
java/awt/datatransfer/MimeType serialVersionUID
java/awt/datatransfer/MimeType
primaryType
java/awt/datatransfer/MimeType subType
java/awt/datatransfer/MimeType parameters
java/awt/datatransfer/MimeType TSPECIALS
java/awt/datatransfer/MimeType <init>()V
java/awt/datatransfer/MimeType <init>(Ljava/lang/String;)V
java/awt/datatransfer/MimeType <init>(Ljava/lang/String;Ljava/lang/String;)V
java/awt/datatransfer/MimeType
<init>(Ljava/lang/String;Ljava/lang/String;Ljava/awt/datatransfer/MimeTypeParameterList;)V
java/awt/datatransfer/MimeType hashCode()I
java/awt/datatransfer/MimeType equals(Ljava/lang/Object;)Z

java/awt/datatransfer/MimeType parse(Ljava/lang/String;)V
java/awt/datatransfer/MimeType getPrimaryType()Ljava/lang/String;
java/awt/datatransfer/MimeType getSubType()Ljava/lang/String;
java/awt/datatransfer/MimeType getParameters()Ljava/awt/datatransfer/MimeTypeParameterList;
java/awt/datatransfer/MimeType getParameter(Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/MimeType setParameter(Ljava/lang/String;Ljava/lang/String;)V
java/awt/datatransfer/MimeType
removeParameter(Ljava/lang/String;)V
java/awt/datatransfer/MimeType toString()Ljava/lang/String;
java/awt/datatransfer/MimeType getBaseType()Ljava/lang/String;
java/awt/datatransfer/MimeType match(Ljava/awt/datatransfer/MimeType;)Z
java/awt/datatransfer/MimeType match(Ljava/lang/String;)Z
java/awt/datatransfer/MimeType writeExternal(Ljava/io/ObjectOutput;)V
java/awt/datatransfer/MimeType readExternal(Ljava/io/ObjectInput;)V
java/awt/datatransfer/MimeType clone()Ljava/lang/Object;
java/awt/datatransfer/MimeType isTokenChar(C)Z
java/awt/datatransfer/MimeType isValidToken(Ljava/lang/String;)Z
class java/io/Externalizable java/lang/Object
java/io/Externalizable writeExternal(Ljava/io/ObjectOutput;)V
java/io/Externalizable readExternal(Ljava/io/ObjectInput;)V
class java/awt/datatransfer/SystemFlavorMap$2 java/lang/Object
java/awt/datatransfer/SystemFlavorMap$2 this$0
java/awt/datatransfer/SystemFlavorMap$2 <init>(Ljava/awt/datatransfer/SystemFlavorMap;)V
java/awt/datatransfer/SystemFlavorMap$2
run()Ljava/lang/Object;
class java/awt/datatransfer/SystemFlavorMap$1 java/lang/Object
java/awt/datatransfer/SystemFlavorMap$1 this$0
java/awt/datatransfer/SystemFlavorMap$1 <init>(Ljava/awt/datatransfer/SystemFlavorMap;)V
java/awt/datatransfer/SystemFlavorMap$1 run()Ljava/lang/Object;
class java/awt/datatransfer/SystemFlavorMap java/lang/Object
java/awt/datatransfer/SystemFlavorMap JavaMIME
java/awt/datatransfer/SystemFlavorMap flavorMaps
java/awt/datatransfer/SystemFlavorMap keyValueSeparators
java/awt/datatransfer/SystemFlavorMap strictKeyValueSeparators
java/awt/datatransfer/SystemFlavorMap whiteSpaceChars
java/awt/datatransfer/SystemFlavorMap UNICODE_TEXT_CLASSES
java/awt/datatransfer/SystemFlavorMap ENCODED_TEXT_CLASSES
java/awt/datatransfer/SystemFlavorMap TEXT_PLAIN_BASE_TYPE
java/awt/datatransfer/SystemFlavorMap SYNTHESIZE_IF_NOT_FOUND
java/awt/datatransfer/SystemFlavorMap nativeToFlavor
java/awt/datatransfer/SystemFlavorMap flavorToNative
java/awt/datatransfer/SystemFlavorMap
getNativesForFlavorCache
java/awt/datatransfer/SystemFlavorMap getFlavorsForNativeCache
java/awt/datatransfer/SystemFlavorMap disabledMappingGenerationKeys
java/awt/datatransfer/SystemFlavorMap $assertionsDisabled
java/awt/datatransfer/SystemFlavorMap getDefaultFlavorMap()Ljava/awt/datatransfer/FlavorMap;
java/awt/datatransfer/SystemFlavorMap <init>()V

java/awt/datatransfer/SystemFlavorMap parseAndStoreReader(Ljava/io/BufferedReader;)V
java/awt/datatransfer/SystemFlavorMap continueLine(Ljava/lang/String;)Z
java/awt/datatransfer/SystemFlavorMap loadConvert(Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/SystemFlavorMap store(Ljava/lang/Object;Ljava/lang/Object;Ljava/util/Map;)V
java/awt/datatransfer/SystemFlavorMap nativeToFlavorLookup(Ljava/lang/String;)Ljava/util/List;
java/awt/datatransfer/SystemFlavorMap
flavorToNativeLookup(Ljava/awt/datatransfer/DataFlavor;Z)Ljava/util/List;
java/awt/datatransfer/SystemFlavorMap getNativesForFlavor(Ljava/awt/datatransfer/DataFlavor;)Ljava/util/List;
java/awt/datatransfer/SystemFlavorMap
getFlavorsForNative(Ljava/lang/String;)Ljava/util/List;
java/awt/datatransfer/SystemFlavorMap getNativesForFlavors([Ljava/awt/datatransfer/DataFlavor;)Ljava/util/Map;
java/awt/datatransfer/SystemFlavorMap getFlavorsForNatives([Ljava/lang/String;)Ljava/util/Map;
java/awt/datatransfer/SystemFlavorMap
addUnencodedNativeForFlavor(Ljava/awt/datatransfer/DataFlavor;Ljava/lang/String;)V
java/awt/datatransfer/SystemFlavorMap
setNativesForFlavor(Ljava/awt/datatransfer/DataFlavor;[Ljava/lang/String;)V
java/awt/datatransfer/SystemFlavorMap
addFlavorForUnencodedNative(Ljava/lang/String;Ljava/awt/datatransfer/DataFlavor;)V
java/awt/datatransfer/SystemFlavorMap
setFlavorsForNative(Ljava/lang/String;[Ljava/awt/datatransfer/DataFlavor;)V
java/awt/datatransfer/SystemFlavorMap encodeJavaMIMEType(Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/SystemFlavorMap encodeDataFlavor(Ljava/awt/datatransfer/DataFlavor;)Ljava/lang/String;
java/awt/datatransfer/SystemFlavorMap
isJavaMIMEType(Ljava/lang/String;)Z
java/awt/datatransfer/SystemFlavorMap decodeJavaMIMEType(Ljava/lang/String;)Ljava/lang/String;
java/awt/datatransfer/SystemFlavorMap decodeDataFlavor(Ljava/lang/String;)Ljava/awt/datatransfer/DataFlavor;
java/awt/datatransfer/SystemFlavorMap <clinit>()V
class java/awt/datatransfer/FlavorTable java/lang/Object
java/awt/datatransfer/FlavorTable getNativesForFlavor(Ljava/awt/datatransfer/DataFlavor;)Ljava/util/List;
java/awt/datatransfer/FlavorTable getFlavorsForNative(Ljava/lang/String;)Ljava/util/List;
class java/awt/datatransfer/FlavorMap java/lang/Object
java/awt/datatransfer/FlavorMap getNativesForFlavors([Ljava/awt/datatransfer/DataFlavor;)Ljava/util/Map;
java/awt/datatransfer/FlavorMap getFlavorsForNatives([Ljava/lang/String;)Ljava/util/Map;
class java/awt/dnd/DropTargetContext java/lang/Object
java/awt/dnd/DropTargetContext serialVersionUID
java/awt/dnd/DropTargetContext dropTarget
java/awt/dnd/DropTargetContext
dropTargetContextPeer
java/awt/dnd/DropTargetContext transferable
java/awt/dnd/DropTargetContext <init>(Ljava/awt/dnd/DropTarget;)V
java/awt/dnd/DropTargetContext getDropTarget()Ljava/awt/dnd/DropTarget;
java/awt/dnd/DropTargetContext getComponent()Ljava/awt/Component;
java/awt/dnd/DropTargetContext addNotify(Ljava/awt/dnd/peer/DropTargetContextPeer;)V
java/awt/dnd/DropTargetContext removeNotify()V
java/awt/dnd/DropTargetContext setTargetActions(I)V
java/awt/dnd/DropTargetContext getTargetActions()I
java/awt/dnd/DropTargetContext dropComplete(Z)V
java/awt/dnd/DropTargetContext acceptDrag(I)V

java/awt/dnd/DropTargetContext rejectDrag()V
java/awt/dnd/DropTargetContext acceptDrop(I)V
java/awt/dnd/DropTargetContext rejectDrop()V
java/awt/dnd/DropTargetContext getCurrentDataFlavors()[Ljava/awt/datatransfer/DataFlavor;
java/awt/dnd/DropTargetContext getCurrentDataFlavorsAsList()Ljava/util/List;
java/awt/dnd/DropTargetContext isDataFlavorSupported(Ljava/awt/datatransfer/DataFlavor;)Z
java/awt/dnd/DropTargetContext
getTransferable()Ljava/awt/datatransfer/Transferable;
java/awt/dnd/DropTargetContext getDropTargetContextPeer()Ljava/awt/dnd/peer/DropTargetContextPeer;
java/awt/dnd/DropTargetContext
createTransferableProxy(Ljava/awt/datatransfer/Transferable;Z)Ljava/awt/datatransfer/Transferable;
class java/awt/font/LineMetrics java/lang/Object
java/awt/font/LineMetrics <init>()V
java/awt/font/LineMetrics getNumChars()I
java/awt/font/LineMetrics getAscent()F
java/awt/font/LineMetrics getDescent()F
java/awt/font/LineMetrics getLeading()F
java/awt/font/LineMetrics getHeight()F
java/awt/font/LineMetrics getBaselineIndex()I
java/awt/font/LineMetrics getBaselineOffsets()[F
java/awt/font/LineMetrics getStrikethroughOffset()F
java/awt/font/LineMetrics getStrikethroughThickness()F
java/awt/font/LineMetrics getUnderlineOffset()F
java/awt/font/LineMetrics getUnderlineThickness()F
class java/awt/font/GlyphVector java/lang/Object
java/awt/font/GlyphVector FLAG_HAS_TRANSFORMS
java/awt/font/GlyphVector
FLAG_HAS_POSITION_ADJUSTMENTS
java/awt/font/GlyphVector FLAG_RUN_RTL
java/awt/font/GlyphVector FLAG_COMPLEX_GLYPHS
java/awt/font/GlyphVector FLAG_MASK
java/awt/font/GlyphVector <init>()V
java/awt/font/GlyphVector getFont()Ljava/awt/Font;
java/awt/font/GlyphVector getFontRenderContext()Ljava/awt/font/FontRenderContext;
java/awt/font/GlyphVector performDefaultLayout()V
java/awt/font/GlyphVector getNumGlyphs()I
java/awt/font/GlyphVector getGlyphCode(I)I
java/awt/font/GlyphVector getGlyphCodes(II[I)[I
java/awt/font/GlyphVector getGlyphCharIndex(I)I
java/awt/font/GlyphVector getGlyphCharIndices(II[I)[I
java/awt/font/GlyphVector getLogicalBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/GlyphVector getVisualBounds()Ljava/awt/geom/Rectangle2D;
java/awt/font/GlyphVector getPixelBounds(Ljava/awt/font/FontRenderContext;FF)Ljava/awt/Rectangle;
java/awt/font/GlyphVector getOutline()Ljava/awt/Shape;
java/awt/font/GlyphVector getOutline(FF)Ljava/awt/Shape;
java/awt/font/GlyphVector
getGlyphOutline(I)Ljava/awt/Shape;
java/awt/font/GlyphVector getGlyphOutline(IFF)Ljava/awt/Shape;

java/awt/font/GlyphVector getGlyphPosition(I)Ljava/awt/geom/Point2D;
java/awt/font/GlyphVector setGlyphPosition(ILjava/awt/geom/Point2D;)V
java/awt/font/GlyphVector getGlyphTransform(I)Ljava/awt/geom/AffineTransform;
java/awt/font/GlyphVector setGlyphTransform(ILjava/awt/geom/AffineTransform;)V
java/awt/font/GlyphVector getLayoutFlags()I
java/awt/font/GlyphVector getGlyphPositions(II[F)[F
java/awt/font/GlyphVector getGlyphLogicalBounds(I)Ljava/awt/Shape;
java/awt/font/GlyphVector getGlyphVisualBounds(I)Ljava/awt/Shape;
java/awt/font/GlyphVector getGlyphPixelBounds(ILjava/awt/font/FontRenderContext;FF)Ljava/awt/Rectangle;
java/awt/font/GlyphVector getGlyphMetrics(I)Ljava/awt/font/GlyphMetrics;
java/awt/font/GlyphVector getGlyphJustificationInfo(I)Ljava/awt/font/GlyphJustificationInfo;
java/awt/font/GlyphVector equals(Ljava/awt/font/GlyphVector;)Z
class java/util/HashMap$EntryIterator
 java/util/HashMap$HashIterator
java/util/HashMap$EntryIterator this$0
java/util/HashMap$EntryIterator <init>(Ljava/util/HashMap;)V
java/util/HashMap$EntryIterator next()Ljava/util/Map$Entry;
java/util/HashMap$EntryIterator next()Ljava/lang/Object;
java/util/HashMap$EntryIterator <init>(Ljava/util/HashMap;Ljava/util/HashMap$1;)V
class java/util/HashMap$EntrySet java/util/AbstractSet
java/util/HashMap$EntrySet this$0
java/util/HashMap$EntrySet <init>(Ljava/util/HashMap;)V
java/util/HashMap$EntrySet iterator()Ljava/util/Iterator;
java/util/HashMap$EntrySet contains(Ljava/lang/Object;)Z
java/util/HashMap$EntrySet remove(Ljava/lang/Object;)Z
java/util/HashMap$EntrySet size()I
java/util/HashMap$EntrySet clear()V
java/util/HashMap$EntrySet <init>(Ljava/util/HashMap;Ljava/util/HashMap$1;)V
class java/awt/RenderingHints$Key java/lang/Object
java/awt/RenderingHints$Key identitymap
java/awt/RenderingHints$Key privatekey
java/awt/RenderingHints$Key getIdentity()Ljava/lang/String;
java/awt/RenderingHints$Key
 recordIdentity(Ljava/awt/RenderingHints$Key;)V
java/awt/RenderingHints$Key <init>(I)V
java/awt/RenderingHints$Key isCompatibleValue(Ljava/lang/Object;)Z
java/awt/RenderingHints$Key intKey()I
java/awt/RenderingHints$Key hashCode()I
java/awt/RenderingHints$Key equals(Ljava/lang/Object;)Z
java/awt/RenderingHints$Key <clinit>()V
class java/awt/RenderingHints java/lang/Object
java/awt/RenderingHints hintmap
java/awt/RenderingHints KEY_ANTIALIASING
java/awt/RenderingHints VALUE_ANTIALIAS_ON
java/awt/RenderingHints VALUE_ANTIALIAS_OFF
java/awt/RenderingHints VALUE_ANTIALIAS_DEFAULT
java/awt/RenderingHints KEY_RENDERING
java/awt/RenderingHints VALUE_RENDER_SPEED

java/awt/RenderingHints VALUE_RENDER_QUALITY
java/awt/RenderingHints VALUE_RENDER_DEFAULT
java/awt/RenderingHints KEY_DITHERING
java/awt/RenderingHints VALUE_DITHER_DISABLE
java/awt/RenderingHints VALUE_DITHER_ENABLE
java/awt/RenderingHints VALUE_DITHER_DEFAULT
java/awt/RenderingHints KEY_TEXT_ANTIALIASING
java/awt/RenderingHints
VALUE_TEXT_ANTIALIAS_ON
java/awt/RenderingHints VALUE_TEXT_ANTIALIAS_OFF
java/awt/RenderingHints VALUE_TEXT_ANTIALIAS_DEFAULT
java/awt/RenderingHints KEY_FRACTIONALMETRICS
java/awt/RenderingHints VALUE_FRACTIONALMETRICS_OFF
java/awt/RenderingHints VALUE_FRACTIONALMETRICS_ON
java/awt/RenderingHints VALUE_FRACTIONALMETRICS_DEFAULT
java/awt/RenderingHints KEY_INTERPOLATION
java/awt/RenderingHints VALUE_INTERPOLATION_NEAREST_NEIGHBOR
java/awt/RenderingHints VALUE_INTERPOLATION_BILINEAR
java/awt/RenderingHints VALUE_INTERPOLATION_BICUBIC
java/awt/RenderingHints KEY_ALPHA_INTERPOLATION
java/awt/RenderingHints VALUE_ALPHA_INTERPOLATION_SPEED
java/awt/RenderingHints VALUE_ALPHA_INTERPOLATION_QUALITY
java/awt/RenderingHints VALUE_ALPHA_INTERPOLATION_DEFAULT
java/awt/RenderingHints KEY_COLOR_RENDERING
java/awt/RenderingHints VALUE_COLOR_RENDER_SPEED
java/awt/RenderingHints VALUE_COLOR_RENDER_QUALITY
java/awt/RenderingHints VALUE_COLOR_RENDER_DEFAULT
java/awt/RenderingHints KEY_STROKE_CONTROL
java/awt/RenderingHints
VALUE_STROKE_DEFAULT
java/awt/RenderingHints VALUE_STROKE_NORMALIZE
java/awt/RenderingHints VALUE_STROKE_PURE
java/awt/RenderingHints <init>(Ljava/util/Map;)V
java/awt/RenderingHints <init>(Ljava/awt/RenderingHints$Key;Ljava/lang/Object;)V
java/awt/RenderingHints size()I
java/awt/RenderingHints isEmpty()Z
java/awt/RenderingHints containsKey(Ljava/lang/Object;)Z
java/awt/RenderingHints containsValue(Ljava/lang/Object;)Z
java/awt/RenderingHints get(Ljava/lang/Object;)Ljava/lang/Object;
java/awt/RenderingHints put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/awt/RenderingHints add(Ljava/awt/RenderingHints;)V
java/awt/RenderingHints clear()V
java/awt/RenderingHints remove(Ljava/lang/Object;)Ljava/lang/Object;
java/awt/RenderingHints putAll(Ljava/util/Map;)V
java/awt/RenderingHints keySet()Ljava/util/Set;
java/awt/RenderingHints values()Ljava/util/Collection;
java/awt/RenderingHints entrySet()Ljava/util/Set;
java/awt/RenderingHints equals(Ljava/lang/Object;)Z

java/awt/RenderingHints
 hashCode()I
java/awt/RenderingHints clone()Ljava/lang/Object;
java/awt/RenderingHints toString()Ljava/lang/String;
java/awt/RenderingHints <clinit>()V
class java/awt/Adjustable java/lang/Object
java/awt/Adjustable HORIZONTAL
java/awt/Adjustable VERTICAL
java/awt/Adjustable NO_ORIENTATION
java/awt/Adjustable getOrientation()I
java/awt/Adjustable setMinimum(I)V
java/awt/Adjustable getMinimum()I
java/awt/Adjustable setMaximum(I)V
java/awt/Adjustable getMaximum()I
java/awt/Adjustable setUnitIncrement(I)V
java/awt/Adjustable getUnitIncrement()I
java/awt/Adjustable setBlockIncrement(I)V
java/awt/Adjustable getBlockIncrement()I
java/awt/Adjustable setVisibleAmount(I)V
java/awt/Adjustable getVisibleAmount()I
java/awt/Adjustable setValue(I)V
java/awt/Adjustable getValue()I
java/awt/Adjustable addAdjustmentListener(Ljava/awt/event/AdjustmentListener;)V
java/awt/Adjustable removeAdjustmentListener(Ljava/awt/event/AdjustmentListener;)V
class java/awt/event/WindowAdapter
 java/lang/Object
java/awt/event/WindowAdapter <init>()V
java/awt/event/WindowAdapter windowOpened(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowClosing(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowClosed(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowIconified(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowDeiconified(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowActivated(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowDeactivated(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowStateChanged(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowGainedFocus(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowAdapter windowLostFocus(Ljava/awt/event/WindowEvent;)V
class java/awt/event/FocusAdapter java/lang/Object
java/awt/event/FocusAdapter <init>()V
java/awt/event/FocusAdapter focusGained(Ljava/awt/event/FocusEvent;)V
java/awt/event/FocusAdapter
 focusLost(Ljava/awt/event/FocusEvent;)V
class java/awt/Toolkit$ToolkitEventMulticaster java/awt/AWTEventMulticaster
java/awt/Toolkit$ToolkitEventMulticaster
<init>(Ljava/awt/event/AWTEventListener;Ljava/awt/event/AWTEventListener;)V
java/awt/Toolkit$ToolkitEventMulticaster
add(Ljava/awt/event/AWTEventListener;Ljava/awt/event/AWTEventListener;)Ljava/awt/event/AWTEventListener;
java/awt/Toolkit$ToolkitEventMulticaster

remove(Ljava/awt/event/AWTEventListener;Ljava/awt/event/AWTEventListener;)Ljava/awt/event/AWTEventListe
ner;
java/awt/Toolkit$ToolkitEventMulticaster remove(Ljava/util/EventListener;)Ljava/util/EventListener;
java/awt/Toolkit$ToolkitEventMulticaster eventDispatched(Ljava/awt/AWTEvent;)V
class java/awt/Toolkit$SelectiveAWTEventListener java/lang/Object
java/awt/Toolkit$SelectiveAWTEventListener listener
java/awt/Toolkit$SelectiveAWTEventListener eventMask
java/awt/Toolkit$SelectiveAWTEventListener calls
java/awt/Toolkit$SelectiveAWTEventListener this$0
java/awt/Toolkit$SelectiveAWTEventListener
getListener()Ljava/awt/event/AWTEventListener;
java/awt/Toolkit$SelectiveAWTEventListener getEventMask()J
java/awt/Toolkit$SelectiveAWTEventListener getCalls()[I
java/awt/Toolkit$SelectiveAWTEventListener orEventMasks(J)V
java/awt/Toolkit$SelectiveAWTEventListener <init>(Ljava/awt/Toolkit;Ljava/awt/event/AWTEventListener;J)V
java/awt/Toolkit$SelectiveAWTEventListener eventDispatched(Ljava/awt/AWTEvent;)V
class java/awt/event/AWTEventListenerProxy java/util/EventListenerProxy
java/awt/event/AWTEventListenerProxy eventMask
java/awt/event/AWTEventListenerProxy <init>(JLjava/awt/event/AWTEventListener;)V
java/awt/event/AWTEventListenerProxy eventDispatched(Ljava/awt/AWTEvent;)V
java/awt/event/AWTEventListenerProxy getEventMask()J
class java/awt/Container$AccessibleAWTContainer java/awt/Component$AccessibleAWTComponent
java/awt/Container$AccessibleAWTContainer serialVersionUID
java/awt/Container$AccessibleAWTContainer accessibleContainerHandler
java/awt/Container$AccessibleAWTContainer
this$0
java/awt/Container$AccessibleAWTContainer <init>(Ljava/awt/Container;)V
java/awt/Container$AccessibleAWTContainer getAccessibleChildrenCount()I
java/awt/Container$AccessibleAWTContainer getAccessibleChild(I)Ljavax/accessibility/Accessible;
java/awt/Container$AccessibleAWTContainer getAccessibleAt(Ljava/awt/Point;)Ljavax/accessibility/Accessible;
java/awt/Container$AccessibleAWTContainer addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
class java/awt/Component$AccessibleAWTComponent javax/accessibility/AccessibleContext
java/awt/Component$AccessibleAWTComponent serialVersionUID
java/awt/Component$AccessibleAWTComponent accessibleAWTComponentHandler
java/awt/Component$AccessibleAWTComponent accessibleAWTFocusHandler
java/awt/Component$AccessibleAWTComponent this$0
java/awt/Component$AccessibleAWTComponent <init>(Ljava/awt/Component;)V
java/awt/Component$AccessibleAWTComponent
addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/awt/Component$AccessibleAWTComponent
removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/awt/Component$AccessibleAWTComponent getAccessibleName()Ljava/lang/String;
java/awt/Component$AccessibleAWTComponent getAccessibleDescription()Ljava/lang/String;
java/awt/Component$AccessibleAWTComponent getAccessibleRole()Ljavax/accessibility/AccessibleRole;
java/awt/Component$AccessibleAWTComponent getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
java/awt/Component$AccessibleAWTComponent getAccessibleParent()Ljavax/accessibility/Accessible;
java/awt/Component$AccessibleAWTComponent getAccessibleIndexInParent()I
java/awt/Component$AccessibleAWTComponent getAccessibleChildrenCount()I

java/awt/Component$AccessibleAWTComponent getAccessibleChild(I)Ljavax/accessibility/Accessible;
java/awt/Component$AccessibleAWTComponent getLocale()Ljava/util/Locale;
java/awt/Component$AccessibleAWTComponent
getAccessibleComponent()Ljavax/accessibility/AccessibleComponent;
java/awt/Component$AccessibleAWTComponent
getBackground()Ljava/awt/Color;
java/awt/Component$AccessibleAWTComponent setBackground(Ljava/awt/Color;)V
java/awt/Component$AccessibleAWTComponent getForeground()Ljava/awt/Color;
java/awt/Component$AccessibleAWTComponent setForeground(Ljava/awt/Color;)V
java/awt/Component$AccessibleAWTComponent getCursor()Ljava/awt/Cursor;
java/awt/Component$AccessibleAWTComponent setCursor(Ljava/awt/Cursor;)V
java/awt/Component$AccessibleAWTComponent getFont()Ljava/awt/Font;
java/awt/Component$AccessibleAWTComponent setFont(Ljava/awt/Font;)V
java/awt/Component$AccessibleAWTComponent getFontMetrics(Ljava/awt/Font;)Ljava/awt/FontMetrics;
java/awt/Component$AccessibleAWTComponent isEnabled()Z
java/awt/Component$AccessibleAWTComponent setEnabled(Z)V
java/awt/Component$AccessibleAWTComponent isVisible()Z
java/awt/Component$AccessibleAWTComponent setVisible(Z)V
java/awt/Component$AccessibleAWTComponent isShowing()Z
java/awt/Component$AccessibleAWTComponent
contains(Ljava/awt/Point;)Z
java/awt/Component$AccessibleAWTComponent getLocationOnScreen()Ljava/awt/Point;
java/awt/Component$AccessibleAWTComponent getLocation()Ljava/awt/Point;
java/awt/Component$AccessibleAWTComponent setLocation(Ljava/awt/Point;)V
java/awt/Component$AccessibleAWTComponent getBounds()Ljava/awt/Rectangle;
java/awt/Component$AccessibleAWTComponent setBounds(Ljava/awt/Rectangle;)V
java/awt/Component$AccessibleAWTComponent getSize()Ljava/awt/Dimension;
java/awt/Component$AccessibleAWTComponent setSize(Ljava/awt/Dimension;)V
java/awt/Component$AccessibleAWTComponent
getAccessibleAt(Ljava/awt/Point;)Ljavax/accessibility/Accessible;
java/awt/Component$AccessibleAWTComponent isFocusTraversable()Z
java/awt/Component$AccessibleAWTComponent requestFocus()V
java/awt/Component$AccessibleAWTComponent addFocusListener(Ljava/awt/event/FocusListener;)V
java/awt/Component$AccessibleAWTComponent removeFocusListener(Ljava/awt/event/FocusListener;)V
class java/awt/event/ContainerEvent
java/awt/event/ComponentEvent
java/awt/event/ContainerEvent CONTAINER_FIRST
java/awt/event/ContainerEvent CONTAINER_LAST
java/awt/event/ContainerEvent COMPONENT_ADDED
java/awt/event/ContainerEvent COMPONENT_REMOVED
java/awt/event/ContainerEvent child
java/awt/event/ContainerEvent serialVersionUID
java/awt/event/ContainerEvent <init>(Ljava/awt/Component;ILjava/awt/Component;)V
java/awt/event/ContainerEvent getContainer()Ljava/awt/Container;
java/awt/event/ContainerEvent getChild()Ljava/awt/Component;
java/awt/event/ContainerEvent paramString()Ljava/lang/String;
class java/awt/CardLayout java/lang/Object
java/awt/CardLayout serialVersionUID

java/awt/CardLayout vector
java/awt/CardLayout currentCard
java/awt/CardLayout hgap
java/awt/CardLayout vgap
java/awt/CardLayout serialPersistentFields
java/awt/CardLayout <init>()V
java/awt/CardLayout <init>(II)V
java/awt/CardLayout getHgap()I
java/awt/CardLayout setHgap(I)V
java/awt/CardLayout getVgap()I
java/awt/CardLayout setVgap(I)V
java/awt/CardLayout
addLayoutComponent(Ljava/awt/Component;Ljava/lang/Object;)V
java/awt/CardLayout addLayoutComponent(Ljava/lang/String;Ljava/awt/Component;)V
java/awt/CardLayout removeLayoutComponent(Ljava/awt/Component;)V
java/awt/CardLayout preferredLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/CardLayout minimumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/CardLayout maximumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/CardLayout getLayoutAlignmentX(Ljava/awt/Container;)F
java/awt/CardLayout getLayoutAlignmentY(Ljava/awt/Container;)F
java/awt/CardLayout invalidateLayout(Ljava/awt/Container;)V
java/awt/CardLayout layoutContainer(Ljava/awt/Container;)V
java/awt/CardLayout checkLayout(Ljava/awt/Container;)V
java/awt/CardLayout first(Ljava/awt/Container;)V
java/awt/CardLayout next(Ljava/awt/Container;)V
java/awt/CardLayout previous(Ljava/awt/Container;)V
java/awt/CardLayout showDefaultComponent(Ljava/awt/Container;)V
java/awt/CardLayout last(Ljava/awt/Container;)V
java/awt/CardLayout
show(Ljava/awt/Container;Ljava/lang/String;)V
java/awt/CardLayout toString()Ljava/lang/String;
java/awt/CardLayout readObject(Ljava/io/ObjectInputStream;)V
java/awt/CardLayout writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/CardLayout <clinit>()V
class java/beans/VetoableChangeListener java/lang/Object
java/beans/VetoableChangeListener vetoableChange(Ljava/beans/PropertyChangeEvent;)V
class java/awt/AWTEventMulticaster java/lang/Object
java/awt/AWTEventMulticaster a
java/awt/AWTEventMulticaster b
java/awt/AWTEventMulticaster <init>(Ljava/util/EventListener;Ljava/util/EventListener;)V
java/awt/AWTEventMulticaster remove(Ljava/util/EventListener;)Ljava/util/EventListener;
java/awt/AWTEventMulticaster componentResized(Ljava/awt/event/ComponentEvent;)V
java/awt/AWTEventMulticaster componentMoved(Ljava/awt/event/ComponentEvent;)V
java/awt/AWTEventMulticaster componentShown(Ljava/awt/event/ComponentEvent;)V
java/awt/AWTEventMulticaster componentHidden(Ljava/awt/event/ComponentEvent;)V
java/awt/AWTEventMulticaster
componentAdded(Ljava/awt/event/ContainerEvent;)V
java/awt/AWTEventMulticaster componentRemoved(Ljava/awt/event/ContainerEvent;)V

java/awt/AWTEventMulticaster focusGained(Ljava/awt/event/FocusEvent;)V
java/awt/AWTEventMulticaster focusLost(Ljava/awt/event/FocusEvent;)V
java/awt/AWTEventMulticaster keyTyped(Ljava/awt/event/KeyEvent;)V
java/awt/AWTEventMulticaster keyPressed(Ljava/awt/event/KeyEvent;)V
java/awt/AWTEventMulticaster keyReleased(Ljava/awt/event/KeyEvent;)V
java/awt/AWTEventMulticaster mouseClicked(Ljava/awt/event/MouseEvent;)V
java/awt/AWTEventMulticaster mousePressed(Ljava/awt/event/MouseEvent;)V
java/awt/AWTEventMulticaster mouseReleased(Ljava/awt/event/MouseEvent;)V
java/awt/AWTEventMulticaster mouseEntered(Ljava/awt/event/MouseEvent;)V
java/awt/AWTEventMulticaster mouseExited(Ljava/awt/event/MouseEvent;)V
java/awt/AWTEventMulticaster mouseDragged(Ljava/awt/event/MouseEvent;)V
java/awt/AWTEventMulticaster mouseMoved(Ljava/awt/event/MouseEvent;)V
java/awt/AWTEventMulticaster
windowOpened(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowClosing(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowClosed(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowIconified(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowDeiconified(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowActivated(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowDeactivated(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowStateChanged(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowGainedFocus(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster windowLostFocus(Ljava/awt/event/WindowEvent;)V
java/awt/AWTEventMulticaster actionPerformed(Ljava/awt/event/ActionEvent;)V
java/awt/AWTEventMulticaster itemStateChanged(Ljava/awt/event/ItemEvent;)V
java/awt/AWTEventMulticaster adjustmentValueChanged(Ljava/awt/event/AdjustmentEvent;)V
java/awt/AWTEventMulticaster
textValueChanged(Ljava/awt/event/TextEvent;)V
java/awt/AWTEventMulticaster inputMethodTextChanged(Ljava/awt/event/InputMethodEvent;)V
java/awt/AWTEventMulticaster caretPositionChanged(Ljava/awt/event/InputMethodEvent;)V
java/awt/AWTEventMulticaster hierarchyChanged(Ljava/awt/event/HierarchyEvent;)V
java/awt/AWTEventMulticaster ancestorMoved(Ljava/awt/event/HierarchyEvent;)V
java/awt/AWTEventMulticaster ancestorResized(Ljava/awt/event/HierarchyEvent;)V
java/awt/AWTEventMulticaster mouseWheelMoved(Ljava/awt/event/MouseWheelEvent;)V
java/awt/AWTEventMulticaster
add(Ljava/awt/event/ComponentListener;Ljava/awt/event/ComponentListener;)Ljava/awt/event/ComponentListener
;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/ContainerListener;Ljava/awt/event/ContainerListener;)Ljava/awt/event/ContainerListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/FocusListener;Ljava/awt/event/FocusListener;)Ljava/awt/event/FocusListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/KeyListener;Ljava/awt/event/KeyListener;)Ljava/awt/event/KeyListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/MouseListener;Ljava/awt/event/MouseListener;)Ljava/awt/event/MouseListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/MouseMotionListener;Ljava/awt/event/MouseMotionListener;)Ljava/awt/event/MouseMotion
Listener;

java/awt/AWTEventMulticaster
add(Ljava/awt/event/WindowListener;Ljava/awt/event/WindowListener;)Ljava/awt/event/WindowListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/WindowStateListener;Ljava/awt/event/WindowStateListener;)Ljava/awt/event/WindowStateListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/WindowFocusListener;Ljava/awt/event/WindowFocusListener;)Ljava/awt/event/WindowFocusListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/ActionListener;Ljava/awt/event/ActionListener;)Ljava/awt/event/ActionListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/ItemListener;Ljava/awt/event/ItemListener;)Ljava/awt/event/ItemListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/AdjustmentListener;Ljava/awt/event/AdjustmentListener;)Ljava/awt/event/AdjustmentListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/TextListener;Ljava/awt/event/TextListener;)Ljava/awt/event/TextListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/InputMethodListener;Ljava/awt/event/InputMethodListener;)Ljava/awt/event/InputMethodListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/HierarchyListener;Ljava/awt/event/HierarchyListener;)Ljava/awt/event/HierarchyListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/HierarchyBoundsListener;Ljava/awt/event/HierarchyBoundsListener;)Ljava/awt/event/HierarchyBoundsListener;
java/awt/AWTEventMulticaster
add(Ljava/awt/event/MouseWheelListener;Ljava/awt/event/MouseWheelListener;)Ljava/awt/event/MouseWheelListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/ComponentListener;Ljava/awt/event/ComponentListener;)Ljava/awt/event/ComponentListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/ContainerListener;Ljava/awt/event/ContainerListener;)Ljava/awt/event/ContainerListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/FocusListener;Ljava/awt/event/FocusListener;)Ljava/awt/event/FocusListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/KeyListener;Ljava/awt/event/KeyListener;)Ljava/awt/event/KeyListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/MouseListener;Ljava/awt/event/MouseListener;)Ljava/awt/event/MouseListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/MouseMotionListener;Ljava/awt/event/MouseMotionListener;)Ljava/awt/event/MouseMotionListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/WindowListener;Ljava/awt/event/WindowListener;)Ljava/awt/event/WindowListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/WindowStateListener;Ljava/awt/event/WindowStateListener;)Ljava/awt/event/WindowStateListener;
java/awt/AWTEventMulticaster

remove(Ljava/awt/event/WindowFocusListener;Ljava/awt/event/WindowFocusListener;)Ljava/awt/event/WindowFocusListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/ActionListener;Ljava/awt/event/ActionListener;)Ljava/awt/event/ActionListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/ItemListener;Ljava/awt/event/ItemListener;)Ljava/awt/event/ItemListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/AdjustmentListener;Ljava/awt/event/AdjustmentListener;)Ljava/awt/event/AdjustmentListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/TextListener;Ljava/awt/event/TextListener;)Ljava/awt/event/TextListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/InputMethodListener;Ljava/awt/event/InputMethodListener;)Ljava/awt/event/InputMethodListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/HierarchyListener;Ljava/awt/event/HierarchyListener;)Ljava/awt/event/HierarchyListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/HierarchyBoundsListener;Ljava/awt/event/HierarchyBoundsListener;)Ljava/awt/event/HierarchyBoundsListener;
java/awt/AWTEventMulticaster
remove(Ljava/awt/event/MouseWheelListener;Ljava/awt/event/MouseWheelListener;)Ljava/awt/event/MouseWheelListener;
java/awt/AWTEventMulticaster
addInternal(Ljava/util/EventListener;Ljava/util/EventListener;)Ljava/util/EventListener;
java/awt/AWTEventMulticaster
removeInternal(Ljava/util/EventListener;Ljava/util/EventListener;)Ljava/util/EventListener;
java/awt/AWTEventMulticaster saveInternal(Ljava/io/ObjectOutputStream;Ljava/lang/String;)V
java/awt/AWTEventMulticaster save(Ljava/io/ObjectOutputStream;Ljava/lang/String;Ljava/util/EventListener;)V
java/awt/AWTEventMulticaster getListenerCount(Ljava/util/EventListener;Ljava/lang/Class;)I
java/awt/AWTEventMulticaster populateListenerArray([Ljava/util/EventListener;Ljava/util/EventListener;I)I
java/awt/AWTEventMulticaster getListeners(Ljava/util/EventListener;Ljava/lang/Class;)[Ljava/util/EventListener;
class java/awt/event/TextListener
java/lang/Object
java/awt/event/TextListener textValueChanged(Ljava/awt/event/TextEvent;)V
class java/awt/event/AdjustmentListener java/lang/Object
java/awt/event/AdjustmentListener adjustmentValueChanged(Ljava/awt/event/AdjustmentEvent;)V
class java/awt/event/WindowStateListener java/lang/Object
java/awt/event/WindowStateListener windowStateChanged(Ljava/awt/event/WindowEvent;)V
class java/awt/event/WindowFocusListener java/lang/Object
java/awt/event/WindowFocusListener windowGainedFocus(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowFocusListener windowLostFocus(Ljava/awt/event/WindowEvent;)V
class java/awt/event/ItemListener java/lang/Object
java/awt/event/ItemListener itemStateChanged(Ljava/awt/event/ItemEvent;)V
class java/awt/event/MouseMotionAdapter java/lang/Object
java/awt/event/MouseMotionAdapter <init>()V
java/awt/event/MouseMotionAdapter mouseDragged(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseMotionAdapter mouseMoved(Ljava/awt/event/MouseEvent;)V
class java/awt/event/MouseAdapter

java/lang/Object
java/awt/event/MouseAdapter <init>()V
java/awt/event/MouseAdapter mouseClicked(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseAdapter mousePressed(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseAdapter mouseReleased(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseAdapter mouseEntered(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseAdapter mouseExited(Ljava/awt/event/MouseEvent;)V
class java/lang/CloneNotSupportedException java/lang/Exception
java/lang/CloneNotSupportedException <init>()V
java/lang/CloneNotSupportedException <init>(Ljava/lang/String;)V
class java/text/MessageFormat$Field java/text/Format$Field
java/text/MessageFormat$Field serialVersionUID
java/text/MessageFormat$Field ARGUMENT
java/text/MessageFormat$Field <init>(Ljava/lang/String;)V
java/text/MessageFormat$Field readResolve()Ljava/lang/Object;
java/text/MessageFormat$Field <clinit>()V
class java/text/Format$Field java/text/AttributedCharacterIterator$Attribute
java/text/Format$Field
serialVersionUID
java/text/Format$Field <init>(Ljava/lang/String;)V
class java/text/FieldPosition java/lang/Object
java/text/FieldPosition field
java/text/FieldPosition endIndex
java/text/FieldPosition beginIndex
java/text/FieldPosition attribute
java/text/FieldPosition <init>(I)V
java/text/FieldPosition <init>(Ljava/text/Format$Field;)V
java/text/FieldPosition <init>(Ljava/text/Format$Field;I)V
java/text/FieldPosition getFieldAttribute()Ljava/text/Format$Field;
java/text/FieldPosition getField()I
java/text/FieldPosition getBeginIndex()I
java/text/FieldPosition getEndIndex()I
java/text/FieldPosition setBeginIndex(I)V
java/text/FieldPosition setEndIndex(I)V
java/text/FieldPosition getFieldDelegate()Ljava/text/Format$FieldDelegate;
java/text/FieldPosition equals(Ljava/lang/Object;)Z
java/text/FieldPosition hashCode()I
java/text/FieldPosition toString()Ljava/lang/String;
java/text/FieldPosition matchesField(Ljava/text/Format$Field;)Z
java/text/FieldPosition matchesField(Ljava/text/Format$Field;I)Z
java/text/FieldPosition
access$100(Ljava/text/FieldPosition;Ljava/text/Format$Field;)Z
java/text/FieldPosition access$200(Ljava/text/FieldPosition;Ljava/text/Format$Field;I)Z
class java/text/MessageFormat java/text/Format
java/text/MessageFormat serialVersionUID
java/text/MessageFormat locale
java/text/MessageFormat pattern
java/text/MessageFormat INITIAL_FORMATS

java/text/MessageFormat formats
java/text/MessageFormat offsets
java/text/MessageFormat argumentNumbers
java/text/MessageFormat maxOffset
java/text/MessageFormat typeList
java/text/MessageFormat modifierList
java/text/MessageFormat dateModifierList
java/text/MessageFormat <init>(Ljava/lang/String;)V
java/text/MessageFormat <init>(Ljava/lang/String;Ljava/util/Locale;)V
java/text/MessageFormat setLocale(Ljava/util/Locale;)V
java/text/MessageFormat getLocale()Ljava/util/Locale;
java/text/MessageFormat applyPattern(Ljava/lang/String;)V
java/text/MessageFormat toPattern()Ljava/lang/String;
java/text/MessageFormat
setFormatsByArgumentIndex([Ljava/text/Format;)V
java/text/MessageFormat setFormats([Ljava/text/Format;)V
java/text/MessageFormat setFormatByArgumentIndex(ILjava/text/Format;)V
java/text/MessageFormat setFormat(ILjava/text/Format;)V
java/text/MessageFormat getFormatsByArgumentIndex()[Ljava/text/Format;
java/text/MessageFormat getFormats()[Ljava/text/Format;
java/text/MessageFormat
format([Ljava/lang/Object;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/MessageFormat format(Ljava/lang/String;[Ljava/lang/Object;)Ljava/lang/String;
java/text/MessageFormat
format(Ljava/lang/Object;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;
java/text/MessageFormat formatToCharacterIterator(Ljava/lang/Object;)Ljava/text/AttributedCharacterIterator;
java/text/MessageFormat parse(Ljava/lang/String;Ljava/text/ParsePosition;)[Ljava/lang/Object;
java/text/MessageFormat parse(Ljava/lang/String;)[Ljava/lang/Object;
java/text/MessageFormat
parseObject(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/lang/Object;
java/text/MessageFormat clone()Ljava/lang/Object;
java/text/MessageFormat equals(Ljava/lang/Object;)Z
java/text/MessageFormat hashCode()I
java/text/MessageFormat
subformat([Ljava/lang/Object;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;Ljava/util/List;)Ljava/lang/StringBuffer;
java/text/MessageFormat append(Ljava/lang/StringBuffer;Ljava/text/CharacterIterator;)V
java/text/MessageFormat makeFormat(II[Ljava/lang/StringBuffer;)V
java/text/MessageFormat findKeyword(Ljava/lang/String;[Ljava/lang/String;)I
java/text/MessageFormat copyAndFixQuotes(Ljava/lang/String;IILjava/lang/StringBuffer;)V
java/text/MessageFormat readObject(Ljava/io/ObjectInputStream;)V
java/text/MessageFormat <clinit>()V
class java/text/Format java/lang/Object
java/text/Format serialVersionUID
java/text/Format <init>()V
java/text/Format format(Ljava/lang/Object;)Ljava/lang/String;
java/text/Format
format(Ljava/lang/Object;Ljava/lang/StringBuffer;Ljava/text/FieldPosition;)Ljava/lang/StringBuffer;

java/text/Format
formatToCharacterIterator(Ljava/lang/Object;)Ljava/text/AttributedCharacterIterator;
java/text/Format parseObject(Ljava/lang/String;Ljava/text/ParsePosition;)Ljava/lang/Object;
java/text/Format parseObject(Ljava/lang/String;)Ljava/lang/Object;
java/text/Format clone()Ljava/lang/Object;
java/text/Format createAttributedCharacterIterator(Ljava/lang/String;)Ljava/text/AttributedCharacterIterator;
java/text/Format
createAttributedCharacterIterator([Ljava/text/AttributedCharacterIterator;)Ljava/text/AttributedCharacterIterator;
java/text/Format
createAttributedCharacterIterator(Ljava/lang/String;Ljava/text/AttributedCharacterIterator$Attribute;Ljava/lang/Object;)Ljava/text/AttributedCharacterIterator;
java/text/Format
createAttributedCharacterIterator(Ljava/text/AttributedCharacterIterator;Ljava/text/AttributedCharacterIterator$Attribute;Ljava/lang/Object;)Ljava/text/AttributedCharacterIterator;
class java/lang/IllegalAccessError
java/lang/IncompatibleClassChangeError
java/lang/IllegalAccessError <init>()V
java/lang/IllegalAccessError <init>(Ljava/lang/String;)V
class java/util/Collections$SynchronizedSet java/util/Collections$SynchronizedCollection
java/util/Collections$SynchronizedSet serialVersionUID
java/util/Collections$SynchronizedSet <init>(Ljava/util/Set;)V
java/util/Collections$SynchronizedSet <init>(Ljava/util/Set;Ljava/lang/Object;)V
java/util/Collections$SynchronizedSet equals(Ljava/lang/Object;)Z
java/util/Collections$SynchronizedSet hashCode()I
class java/util/Hashtable$EntrySet java/util/AbstractSet
java/util/Hashtable$EntrySet this$0
java/util/Hashtable$EntrySet <init>(Ljava/util/Hashtable;)V
java/util/Hashtable$EntrySet iterator()Ljava/util/Iterator;
java/util/Hashtable$EntrySet add(Ljava/lang/Object;)Z
java/util/Hashtable$EntrySet contains(Ljava/lang/Object;)Z
java/util/Hashtable$EntrySet remove(Ljava/lang/Object;)Z
java/util/Hashtable$EntrySet size()I
java/util/Hashtable$EntrySet
clear()V
java/util/Hashtable$EntrySet <init>(Ljava/util/Hashtable;Ljava/util/Hashtable$1;)V
class java/util/PropertyResourceBundle java/util/ResourceBundle
java/util/PropertyResourceBundle lookup
java/util/PropertyResourceBundle <init>(Ljava/io/InputStream;)V
java/util/PropertyResourceBundle handleGetObject(Ljava/lang/String;)Ljava/lang/Object;
java/util/PropertyResourceBundle getKeys()Ljava/util/Enumeration;
class java/util/jar/JarFile$1 java/lang/Object
java/util/jar/JarFile$1 val$enum_
java/util/jar/JarFile$1 this$0
java/util/jar/JarFile$1 <init>(Ljava/util/jar/JarFile;Ljava/util/Enumeration;)V
java/util/jar/JarFile$1 hasMoreElements()Z
java/util/jar/JarFile$1 nextElement()Ljava/util/jar/JarFile$JarFileEntry;
java/util/jar/JarFile$1 nextElement()Ljava/lang/Object;
class java/util/zip/ZipFile$3 java/lang/Object

java/util/zip/ZipFile$3 i
java/util/zip/ZipFile$3 this$0
java/util/zip/ZipFile$3 <init>(Ljava/util/zip/ZipFile;)V
java/util/zip/ZipFile$3 hasMoreElements()Z
java/util/zip/ZipFile$3
 nextElement()Ljava/util/zip/ZipEntry;
java/util/zip/ZipFile$3 nextElement()Ljava/lang/Object;
class java/io/EOFException java/io/IOException
java/io/EOFException <init>()V
java/io/EOFException <init>(Ljava/lang/String;)V
class java/lang/ArrayIndexOutOfBoundsException java/lang/IndexOutOfBoundsException
java/lang/ArrayIndexOutOfBoundsException <init>()V
java/lang/ArrayIndexOutOfBoundsException <init>(I)V
java/lang/ArrayIndexOutOfBoundsException <init>(Ljava/lang/String;)V
class java/lang/IndexOutOfBoundsException java/lang/RuntimeException
java/lang/IndexOutOfBoundsException <init>()V
java/lang/IndexOutOfBoundsException <init>(Ljava/lang/String;)V
class java/lang/InstantiationException java/lang/Exception
java/lang/InstantiationException <init>()V
java/lang/InstantiationException <init>(Ljava/lang/String;)V
class java/lang/IllegalAccessException java/lang/Exception
java/lang/IllegalAccessException <init>()V
java/lang/IllegalAccessException <init>(Ljava/lang/String;)V
class java/lang/NoSuchFieldException
 java/lang/Exception
java/lang/NoSuchFieldException <init>()V
java/lang/NoSuchFieldException <init>(Ljava/lang/String;)V
class java/lang/NoSuchMethodException java/lang/Exception
java/lang/NoSuchMethodException <init>()V
java/lang/NoSuchMethodException <init>(Ljava/lang/String;)V
class java/lang/reflect/InvocationHandler java/lang/Object
java/lang/reflect/InvocationHandler
invoke(Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)Ljava/lang/Object;
class java/lang/reflect/Proxy java/lang/Object
java/lang/reflect/Proxy serialVersionUID
java/lang/reflect/Proxy proxyClassNamePrefix
java/lang/reflect/Proxy constructorParams
java/lang/reflect/Proxy loaderToCache
java/lang/reflect/Proxy pendingGenerationMarker
java/lang/reflect/Proxy nextUniqueNumber
java/lang/reflect/Proxy nextUniqueNumberLock
java/lang/reflect/Proxy proxyClasses
java/lang/reflect/Proxy h
java/lang/reflect/Proxy <init>()V
java/lang/reflect/Proxy <init>(Ljava/lang/reflect/InvocationHandler;)V
java/lang/reflect/Proxy
 getProxyClass(Ljava/lang/ClassLoader;[Ljava/lang/Class;)Ljava/lang/Class;
java/lang/reflect/Proxy

newProxyInstance(Ljava/lang/ClassLoader;[Ljava/lang/Class;Ljava/lang/reflect/InvocationHandler;)Ljava/lang/Obj
ect;
java/lang/reflect/Proxy isProxyClass(Ljava/lang/Class;)Z
java/lang/reflect/Proxy getInvocationHandler(Ljava/lang/Object;)Ljava/lang/reflect/InvocationHandler;
java/lang/reflect/Proxy defineClass0(Ljava/lang/ClassLoader;Ljava/lang/String;[BII)Ljava/lang/Class;
java/lang/reflect/Proxy <clinit>()V
class java/io/FilterReader java/io/Reader
java/io/FilterReader in
java/io/FilterReader <init>(Ljava/io/Reader;)V
java/io/FilterReader read()I
java/io/FilterReader read([CII)I
java/io/FilterReader skip(J)J
java/io/FilterReader ready()Z
java/io/FilterReader markSupported()Z
java/io/FilterReader mark(I)V
java/io/FilterReader reset()V
java/io/FilterReader close()V
class java/lang/SecurityException java/lang/RuntimeException
java/lang/SecurityException serialVersionUID
java/lang/SecurityException
 <init>()V
java/lang/SecurityException <init>(Ljava/lang/String;)V
java/lang/SecurityException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/SecurityException <init>(Ljava/lang/Throwable;)V
class java/io/StringReader java/io/Reader
java/io/StringReader str
java/io/StringReader length
java/io/StringReader next
java/io/StringReader mark
java/io/StringReader <init>(Ljava/lang/String;)V
java/io/StringReader ensureOpen()V
java/io/StringReader read()I
java/io/StringReader read([CII)I
java/io/StringReader skip(J)J
java/io/StringReader ready()Z
java/io/StringReader markSupported()Z
java/io/StringReader mark(I)V
java/io/StringReader reset()V
java/io/StringReader close()V
class java/lang/InternalError java/lang/VirtualMachineError
java/lang/InternalError <init>()V
java/lang/InternalError <init>(Ljava/lang/String;)V
class java/net/ServerSocket java/lang/Object
java/net/ServerSocket created
java/net/ServerSocket bound
java/net/ServerSocket closed
java/net/ServerSocket

closeLock
java/net/ServerSocket impl
java/net/ServerSocket oldImpl
java/net/ServerSocket factory
java/net/ServerSocket <init>()V
java/net/ServerSocket <init>(I)V
java/net/ServerSocket <init>(II)V
java/net/ServerSocket <init>(IILjava/net/InetAddress;)V
java/net/ServerSocket getImpl()Ljava/net/SocketImpl;
java/net/ServerSocket checkOldImpl()V
java/net/ServerSocket setImpl()V
java/net/ServerSocket createImpl()V
java/net/ServerSocket bind(Ljava/net/SocketAddress;)V
java/net/ServerSocket bind(Ljava/net/SocketAddress;I)V
java/net/ServerSocket getInetAddress()Ljava/net/InetAddress;
java/net/ServerSocket getLocalPort()I
java/net/ServerSocket getLocalSocketAddress()Ljava/net/SocketAddress;
java/net/ServerSocket accept()Ljava/net/Socket;
java/net/ServerSocket implAccept(Ljava/net/Socket;)V
java/net/ServerSocket close()V
java/net/ServerSocket getChannel()Ljava/nio/channels/ServerSocketChannel;
java/net/ServerSocket isBound()Z
java/net/ServerSocket isClosed()Z
java/net/ServerSocket
setSoTimeout(I)V
java/net/ServerSocket getSoTimeout()I
java/net/ServerSocket setReuseAddress(Z)V
java/net/ServerSocket getReuseAddress()Z
java/net/ServerSocket toString()Ljava/lang/String;
java/net/ServerSocket setBound()V
java/net/ServerSocket setCreated()V
java/net/ServerSocket setSocketFactory(Ljava/net/SocketImplFactory;)V
java/net/ServerSocket setReceiveBufferSize(I)V
java/net/ServerSocket getReceiveBufferSize()I
java/net/ServerSocket setPerformancePreferences(III)V
java/net/ServerSocket access$000(Ljava/net/ServerSocket;)Ljava/net/SocketImpl;
java/net/ServerSocket <clinit>()V
class java/util/Vector$1 java/lang/Object
java/util/Vector$1 count
java/util/Vector$1 this$0
java/util/Vector$1 <init>(Ljava/util/Vector;)V
java/util/Vector$1 hasMoreElements()Z
java/util/Vector$1 nextElement()Ljava/lang/Object;
class java/text/DateFormatSymbols java/lang/Object
java/text/DateFormatSymbols eras
java/text/DateFormatSymbols months
java/text/DateFormatSymbols shortMonths
java/text/DateFormatSymbols

weekdays
java/text/DateFormatSymbols shortWeekdays
java/text/DateFormatSymbols ampms
java/text/DateFormatSymbols zoneStrings
java/text/DateFormatSymbols patternChars
java/text/DateFormatSymbols localPatternChars
java/text/DateFormatSymbols serialVersionUID
java/text/DateFormatSymbols millisPerHour
java/text/DateFormatSymbols cachedLocaleData
java/text/DateFormatSymbols cachedZoneData
java/text/DateFormatSymbols <init>()V
java/text/DateFormatSymbols <init>(Ljava/util/Locale;)V
java/text/DateFormatSymbols getEras()[Ljava/lang/String;
java/text/DateFormatSymbols setEras([Ljava/lang/String;)V
java/text/DateFormatSymbols getMonths()[Ljava/lang/String;
java/text/DateFormatSymbols setMonths([Ljava/lang/String;)V
java/text/DateFormatSymbols getShortMonths()[Ljava/lang/String;
java/text/DateFormatSymbols setShortMonths([Ljava/lang/String;)V
java/text/DateFormatSymbols getWeekdays()[Ljava/lang/String;
java/text/DateFormatSymbols setWeekdays([Ljava/lang/String;)V
java/text/DateFormatSymbols
getShortWeekdays()[Ljava/lang/String;
java/text/DateFormatSymbols setShortWeekdays([Ljava/lang/String;)V
java/text/DateFormatSymbols getAmPmStrings()[Ljava/lang/String;
java/text/DateFormatSymbols setAmPmStrings([Ljava/lang/String;)V
java/text/DateFormatSymbols getZoneStrings()[[Ljava/lang/String;
java/text/DateFormatSymbols setZoneStrings([[Ljava/lang/String;)V
java/text/DateFormatSymbols getLocalPatternChars()Ljava/lang/String;
java/text/DateFormatSymbols setLocalPatternChars(Ljava/lang/String;)V
java/text/DateFormatSymbols clone()Ljava/lang/Object;
java/text/DateFormatSymbols hashCode()I
java/text/DateFormatSymbols equals(Ljava/lang/Object;)Z
java/text/DateFormatSymbols cacheLookup(Ljava/util/Locale;)[Ljava/util/ResourceBundle;
java/text/DateFormatSymbols loadZoneStrings(Ljava/util/Locale;Ljava/util/ResourceBundle;)[[Ljava/lang/String;
java/text/DateFormatSymbols initializeData(Ljava/util/Locale;)V
java/text/DateFormatSymbols getZoneIndex(Ljava/lang/String;)I
java/text/DateFormatSymbols
duplicate([Ljava/lang/String;)[Ljava/lang/String;
java/text/DateFormatSymbols copyMembers(Ljava/text/DateFormatSymbols;Ljava/text/DateFormatSymbols;)V
java/text/DateFormatSymbols equals([Ljava/lang/String;[Ljava/lang/String;)Z
java/text/DateFormatSymbols <clinit>()V
class java/util/TimeZone$1 java/lang/Object
java/util/TimeZone$1 val$id
java/util/TimeZone$1 <init>(Ljava/lang/String;)V
java/util/TimeZone$1 run()Ljava/lang/Object;
class java/lang/InheritableThreadLocal java/lang/ThreadLocal
java/lang/InheritableThreadLocal <init>()V
java/lang/InheritableThreadLocal childValue(Ljava/lang/Object;)Ljava/lang/Object;

java/lang/InheritableThreadLocal getMap(Ljava/lang/Thread;)Ljava/lang/ThreadLocal$ThreadLocalMap;
java/lang/InheritableThreadLocal createMap(Ljava/lang/Thread;Ljava/lang/Object;)V
class java/util/TimeZone java/lang/Object
java/util/TimeZone SHORT
java/util/TimeZone LONG
java/util/TimeZone ONE_MINUTE
java/util/TimeZone ONE_HOUR
java/util/TimeZone ONE_DAY
java/util/TimeZone
 cachedLocaleData
java/util/TimeZone serialVersionUID
java/util/TimeZone NO_TIMEZONE
java/util/TimeZone ID
java/util/TimeZone defaultTimeZone
java/util/TimeZone defaultZoneTL
java/util/TimeZone GMT_ID
java/util/TimeZone GMT_ID_LENGTH
java/util/TimeZone $assertionsDisabled
java/util/TimeZone <init>()V
java/util/TimeZone getOffset(IIIIII)I
java/util/TimeZone getOffset(J)I
java/util/TimeZone getOffsets(J[I)I
java/util/TimeZone setRawOffset(I)V
java/util/TimeZone getRawOffset()I
java/util/TimeZone getID()Ljava/lang/String;
java/util/TimeZone setID(Ljava/lang/String;)V
java/util/TimeZone getDisplayName()Ljava/lang/String;
java/util/TimeZone getDisplayName(Ljava/util/Locale;)Ljava/lang/String;
java/util/TimeZone getDisplayName(ZI)Ljava/lang/String;
java/util/TimeZone getDisplayName(ZILjava/util/Locale;)Ljava/lang/String;
java/util/TimeZone getDisplayNames(Ljava/lang/String;Ljava/util/Locale;)[Ljava/lang/String;
java/util/TimeZone retrieveDisplayNames(Ljava/lang/String;Ljava/util/Locale;)[Ljava/lang/String;
java/util/TimeZone
 getDSTSavings()I
java/util/TimeZone useDaylightTime()Z
java/util/TimeZone inDaylightTime(Ljava/util/Date;)Z
java/util/TimeZone getTimeZone(Ljava/lang/String;)Ljava/util/TimeZone;
java/util/TimeZone getTimeZone(Ljava/lang/String;Z)Ljava/util/TimeZone;
java/util/TimeZone getAvailableIDs(I)[Ljava/lang/String;
java/util/TimeZone getAvailableIDs()[Ljava/lang/String;
java/util/TimeZone getSystemTimeZoneID(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/util/TimeZone getSystemGMTOffsetID()Ljava/lang/String;
java/util/TimeZone getDefault()Ljava/util/TimeZone;
java/util/TimeZone getDefaultRef()Ljava/util/TimeZone;
java/util/TimeZone setDefaultZone()Ljava/util/TimeZone;
java/util/TimeZone hasPermission()Z
java/util/TimeZone setDefault(Ljava/util/TimeZone;)V
java/util/TimeZone hasSameRules(Ljava/util/TimeZone;)Z

java/util/TimeZone clone()Ljava/lang/Object;
java/util/TimeZone parseCustomTimeZone(Ljava/lang/String;)Ljava/util/TimeZone;
java/util/TimeZone
<clinit>()V
class java/util/Date java/lang/Object
java/util/Date gcal
java/util/Date jcal
java/util/Date fastTime
java/util/Date cdate
java/util/Date defaultCenturyStart
java/util/Date serialVersionUID
java/util/Date wtb
java/util/Date ttb
java/util/Date <init>()V
java/util/Date <init>(J)V
java/util/Date <init>(III)V
java/util/Date <init>(IIIII)V
java/util/Date <init>(IIIIII)V
java/util/Date <init>(Ljava/lang/String;)V
java/util/Date clone()Ljava/lang/Object;
java/util/Date UTC(IIIIII)J
java/util/Date parse(Ljava/lang/String;)J
java/util/Date getYear()I
java/util/Date setYear(I)V
java/util/Date getMonth()I
java/util/Date setMonth(I)V
java/util/Date getDate()I
java/util/Date setDate(I)V
java/util/Date getDay()I
java/util/Date getHours()I
java/util/Date setHours(I)V
java/util/Date getMinutes()I
java/util/Date setMinutes(I)V
java/util/Date getSeconds()I
java/util/Date setSeconds(I)V
java/util/Date getTime()J
java/util/Date getTimeImpl()J
java/util/Date setTime(J)V
java/util/Date before(Ljava/util/Date;)Z
java/util/Date
after(Ljava/util/Date;)Z
java/util/Date equals(Ljava/lang/Object;)Z
java/util/Date getMillisOf(Ljava/util/Date;)J
java/util/Date compareTo(Ljava/util/Date;)I
java/util/Date hashCode()I
java/util/Date toString()Ljava/lang/String;
java/util/Date convertToAbbr(Ljava/lang/StringBuilder;Ljava/lang/String;)Ljava/lang/StringBuilder;
java/util/Date toLocaleString()Ljava/lang/String;

java/util/Date toGMTString()Ljava/lang/String;
java/util/Date getTimezoneOffset()I
java/util/Date getCalendarDate()Lsun/util/calendar/BaseCalendar$Date;
java/util/Date normalize()Lsun/util/calendar/BaseCalendar$Date;
java/util/Date normalize(Lsun/util/calendar/BaseCalendar$Date;)Lsun/util/calendar/BaseCalendar$Date;
java/util/Date getCalendarSystem(I)Lsun/util/calendar/BaseCalendar;
java/util/Date getCalendarSystem(J)Lsun/util/calendar/BaseCalendar;
java/util/Date getCalendarSystem(Lsun/util/calendar/BaseCalendar$Date;)Lsun/util/calendar/BaseCalendar;
java/util/Date getJulianCalendar()Lsun/util/calendar/BaseCalendar;
java/util/Date
writeObject(Ljava/io/ObjectOutputStream;)V
java/util/Date readObject(Ljava/io/ObjectInputStream;)V
java/util/Date compareTo(Ljava/lang/Object;)I
java/util/Date <clinit>()V
class java/awt/image/SinglePixelPackedSampleModel java/awt/image/SampleModel
java/awt/image/SinglePixelPackedSampleModel bitMasks
java/awt/image/SinglePixelPackedSampleModel bitOffsets
java/awt/image/SinglePixelPackedSampleModel bitSizes
java/awt/image/SinglePixelPackedSampleModel maxBitSize
java/awt/image/SinglePixelPackedSampleModel scanlineStride
java/awt/image/SinglePixelPackedSampleModel initIDs()V
java/awt/image/SinglePixelPackedSampleModel <init>(III[I)V
java/awt/image/SinglePixelPackedSampleModel <init>(IIII[I)V
java/awt/image/SinglePixelPackedSampleModel getNumDataElements()I
java/awt/image/SinglePixelPackedSampleModel getBufferSize()J
java/awt/image/SinglePixelPackedSampleModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/SinglePixelPackedSampleModel
createDataBuffer()Ljava/awt/image/DataBuffer;
java/awt/image/SinglePixelPackedSampleModel getSampleSize()[I
java/awt/image/SinglePixelPackedSampleModel getSampleSize(I)I
java/awt/image/SinglePixelPackedSampleModel getOffset(II)I
java/awt/image/SinglePixelPackedSampleModel getBitOffsets()[I
java/awt/image/SinglePixelPackedSampleModel getBitMasks()[I
java/awt/image/SinglePixelPackedSampleModel getScanlineStride()I
java/awt/image/SinglePixelPackedSampleModel createSubsetSampleModel([I)Ljava/awt/image/SampleModel;
java/awt/image/SinglePixelPackedSampleModel
getDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)Ljava/lang/Object;
java/awt/image/SinglePixelPackedSampleModel getPixel(II[ILjava/awt/image/DataBuffer;)[I
java/awt/image/SinglePixelPackedSampleModel getPixels(IIII[ILjava/awt/image/DataBuffer;)[I
java/awt/image/SinglePixelPackedSampleModel getSample(IIILjava/awt/image/DataBuffer;)I
java/awt/image/SinglePixelPackedSampleModel getSamples(IIII[ILjava/awt/image/DataBuffer;)[I
java/awt/image/SinglePixelPackedSampleModel
setDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)V
java/awt/image/SinglePixelPackedSampleModel setPixel(II[ILjava/awt/image/DataBuffer;)V
java/awt/image/SinglePixelPackedSampleModel setPixels(IIII[ILjava/awt/image/DataBuffer;)V
java/awt/image/SinglePixelPackedSampleModel setSample(IIILjava/awt/image/DataBuffer;)V
java/awt/image/SinglePixelPackedSampleModel setSamples(IIII[ILjava/awt/image/DataBuffer;)V
java/awt/image/SinglePixelPackedSampleModel equals(Ljava/lang/Object;)Z

java/awt/image/SinglePixelPackedSampleModel hashCode()I
java/awt/image/SinglePixelPackedSampleModel <clinit>()V
class java/awt/image/DataBufferInt java/awt/image/DataBuffer
java/awt/image/DataBufferInt data
java/awt/image/DataBufferInt bankdata
java/awt/image/DataBufferInt <init>(I)V
java/awt/image/DataBufferInt <init>(II)V
java/awt/image/DataBufferInt <init>([II)V
java/awt/image/DataBufferInt <init>([III)V
java/awt/image/DataBufferInt
 <init>([[II)V
java/awt/image/DataBufferInt <init>([[II[I)V
java/awt/image/DataBufferInt getData()[I
java/awt/image/DataBufferInt getData(I)[I
java/awt/image/DataBufferInt getBankData()[[I
java/awt/image/DataBufferInt getElem(I)I
java/awt/image/DataBufferInt getElem(II)I
java/awt/image/DataBufferInt setElem(II)V
java/awt/image/DataBufferInt setElem(III)V
class java/awt/Dialog java/awt/Window
java/awt/Dialog resizable
java/awt/Dialog undecorated
java/awt/Dialog modal
java/awt/Dialog title
java/awt/Dialog keepBlocking
java/awt/Dialog base
java/awt/Dialog nameCounter
java/awt/Dialog serialVersionUID
java/awt/Dialog showAppContext
java/awt/Dialog <init>(Ljava/awt/Frame;)V
java/awt/Dialog <init>(Ljava/awt/Frame;Z)V
java/awt/Dialog <init>(Ljava/awt/Frame;Ljava/lang/String;)V
java/awt/Dialog <init>(Ljava/awt/Frame;Ljava/lang/String;Z)V
java/awt/Dialog <init>(Ljava/awt/Frame;Ljava/lang/String;ZLjava/awt/GraphicsConfiguration;)V
java/awt/Dialog <init>(Ljava/awt/Dialog;)V
java/awt/Dialog
 <init>(Ljava/awt/Dialog;Ljava/lang/String;)V
java/awt/Dialog <init>(Ljava/awt/Dialog;Ljava/lang/String;Z)V
java/awt/Dialog <init>(Ljava/awt/Dialog;Ljava/lang/String;ZLjava/awt/GraphicsConfiguration;)V
java/awt/Dialog constructComponentName()Ljava/lang/String;
java/awt/Dialog addNotify()V
java/awt/Dialog isModal()Z
java/awt/Dialog setModal(Z)V
java/awt/Dialog getTitle()Ljava/lang/String;
java/awt/Dialog setTitle(Ljava/lang/String;)V
java/awt/Dialog conditionalShow(Ljava/awt/Component;Ljava/util/concurrent/atomic/AtomicLong;)Z
java/awt/Dialog show()V
java/awt/Dialog interruptBlocking()V

java/awt/Dialog hideAndDisposeHandler()V
java/awt/Dialog hide()V
java/awt/Dialog doDispose()V
java/awt/Dialog isResizable()Z
java/awt/Dialog setResizable(Z)V
java/awt/Dialog setUndecorated(Z)V
java/awt/Dialog isUndecorated()Z
java/awt/Dialog paramString()Ljava/lang/String;
java/awt/Dialog initIDs()V
java/awt/Dialog getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Dialog access$000(Ljava/awt/Dialog;)Z
java/awt/Dialog
 <clinit>()V
class java/awt/Canvas java/awt/Component
java/awt/Canvas base
java/awt/Canvas nameCounter
java/awt/Canvas serialVersionUID
java/awt/Canvas <init>()V
java/awt/Canvas <init>(Ljava/awt/GraphicsConfiguration;)V
java/awt/Canvas constructComponentName()Ljava/lang/String;
java/awt/Canvas addNotify()V
java/awt/Canvas paint(Ljava/awt/Graphics;)V
java/awt/Canvas update(Ljava/awt/Graphics;)V
java/awt/Canvas postsOldMouseEvents()Z
java/awt/Canvas createBufferStrategy(I)V
java/awt/Canvas createBufferStrategy(ILjava/awt/BufferCapabilities;)V
java/awt/Canvas getBufferStrategy()Ljava/awt/image/BufferStrategy;
java/awt/Canvas getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Canvas <clinit>()V
class java/awt/image/WritableRaster java/awt/image/Raster
java/awt/image/WritableRaster <init>(Ljava/awt/image/SampleModel;Ljava/awt/Point;)V
java/awt/image/WritableRaster
<init>(Ljava/awt/image/SampleModel;Ljava/awt/image/DataBuffer;Ljava/awt/Point;)V
java/awt/image/WritableRaster
<init>(Ljava/awt/image/SampleModel;Ljava/awt/image/DataBuffer;Ljava/awt/Rectangle;Ljava/awt/Point;Ljava/awt
/image/WritableRaster;)V
java/awt/image/WritableRaster getWritableParent()Ljava/awt/image/WritableRaster;
java/awt/image/WritableRaster createWritableTranslatedChild(II)Ljava/awt/image/WritableRaster;
java/awt/image/WritableRaster createWritableChild(IIIII[I)Ljava/awt/image/WritableRaster;
java/awt/image/WritableRaster setDataElements(IILjava/lang/Object;)V
java/awt/image/WritableRaster setDataElements(IILjava/awt/image/Raster;)V
java/awt/image/WritableRaster setDataElements(IIIILjava/lang/Object;)V
java/awt/image/WritableRaster setRect(Ljava/awt/image/Raster;)V
java/awt/image/WritableRaster setRect(IILjava/awt/image/Raster;)V
java/awt/image/WritableRaster setPixel(II[I)V
java/awt/image/WritableRaster setPixel(II[F)V
java/awt/image/WritableRaster setPixel(II[D)V
java/awt/image/WritableRaster setPixels(IIII[I)V

java/awt/image/WritableRaster setPixels(IIII[F)V
java/awt/image/WritableRaster
setPixels(IIII[D)V
java/awt/image/WritableRaster setSample(IIII)V
java/awt/image/WritableRaster setSample(IIIF)V
java/awt/image/WritableRaster setSample(IIID)V
java/awt/image/WritableRaster setSamples(IIIII[I)V
java/awt/image/WritableRaster setSamples(IIIII[F)V
java/awt/image/WritableRaster setSamples(IIIII[D)V
class java/awt/image/PixelInterleavedSampleModel java/awt/image/ComponentSampleModel
java/awt/image/PixelInterleavedSampleModel <init>(IIIII[I)V
java/awt/image/PixelInterleavedSampleModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/PixelInterleavedSampleModel createSubsetSampleModel([I)Ljava/awt/image/SampleModel;
java/awt/image/PixelInterleavedSampleModel hashCode()I
class java/awt/image/ComponentSampleModel java/awt/image/SampleModel
java/awt/image/ComponentSampleModel bandOffsets
java/awt/image/ComponentSampleModel bankIndices
java/awt/image/ComponentSampleModel numBands
java/awt/image/ComponentSampleModel
numBanks
java/awt/image/ComponentSampleModel scanlineStride
java/awt/image/ComponentSampleModel pixelStride
java/awt/image/ComponentSampleModel initIDs()V
java/awt/image/ComponentSampleModel <init>(IIIII[I)V
java/awt/image/ComponentSampleModel <init>(IIIII[I[I)V
java/awt/image/ComponentSampleModel getBufferSize()J
java/awt/image/ComponentSampleModel orderBands([II)[I
java/awt/image/ComponentSampleModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/ComponentSampleModel createSubsetSampleModel([I)Ljava/awt/image/SampleModel;
java/awt/image/ComponentSampleModel createDataBuffer()Ljava/awt/image/DataBuffer;
java/awt/image/ComponentSampleModel getOffset(II)I
java/awt/image/ComponentSampleModel getOffset(III)I
java/awt/image/ComponentSampleModel getSampleSize()[I
java/awt/image/ComponentSampleModel getSampleSize(I)I
java/awt/image/ComponentSampleModel getBankIndices()[I
java/awt/image/ComponentSampleModel getBandOffsets()[I
java/awt/image/ComponentSampleModel
getScanlineStride()I
java/awt/image/ComponentSampleModel getPixelStride()I
java/awt/image/ComponentSampleModel getNumDataElements()I
java/awt/image/ComponentSampleModel
getDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)Ljava/lang/Object;
java/awt/image/ComponentSampleModel getPixel(II[ILjava/awt/image/DataBuffer;)[I
java/awt/image/ComponentSampleModel getPixels(IIII[ILjava/awt/image/DataBuffer;)[I
java/awt/image/ComponentSampleModel getSample(IIILjava/awt/image/DataBuffer;)I
java/awt/image/ComponentSampleModel getSampleFloat(IIILjava/awt/image/DataBuffer;)F
java/awt/image/ComponentSampleModel getSampleDouble(IIILjava/awt/image/DataBuffer;)D
java/awt/image/ComponentSampleModel getSamples(IIIII[ILjava/awt/image/DataBuffer;)[I

java/awt/image/ComponentSampleModel setDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)V
java/awt/image/ComponentSampleModel setPixel(II[ILjava/awt/image/DataBuffer;)V
java/awt/image/ComponentSampleModel setPixels(IIII[ILjava/awt/image/DataBuffer;)V
java/awt/image/ComponentSampleModel
setSample(IIIILjava/awt/image/DataBuffer;)V
java/awt/image/ComponentSampleModel setSample(IIIFLjava/awt/image/DataBuffer;)V
java/awt/image/ComponentSampleModel setSample(IIIDLjava/awt/image/DataBuffer;)V
java/awt/image/ComponentSampleModel setSamples(IIIII[ILjava/awt/image/DataBuffer;)V
java/awt/image/ComponentSampleModel equals(Ljava/lang/Object;)Z
java/awt/image/ComponentSampleModel hashCode()I
java/awt/image/ComponentSampleModel <clinit>()V
class java/awt/image/SampleModel java/lang/Object
java/awt/image/SampleModel width
java/awt/image/SampleModel height
java/awt/image/SampleModel numBands
java/awt/image/SampleModel dataType
java/awt/image/SampleModel initIDs()V
java/awt/image/SampleModel <init>(IIII)V
java/awt/image/SampleModel getWidth()I
java/awt/image/SampleModel getHeight()I
java/awt/image/SampleModel getNumBands()I
java/awt/image/SampleModel getNumDataElements()I
java/awt/image/SampleModel getDataType()I
java/awt/image/SampleModel
getTransferType()I
java/awt/image/SampleModel getPixel(II[ILjava/awt/image/DataBuffer;)[I
java/awt/image/SampleModel
getDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)Ljava/lang/Object;
java/awt/image/SampleModel
getDataElements(IIIILjava/lang/Object;Ljava/awt/image/DataBuffer;)Ljava/lang/Object;
java/awt/image/SampleModel setDataElements(IILjava/lang/Object;Ljava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setDataElements(IIIILjava/lang/Object;Ljava/awt/image/DataBuffer;)V
java/awt/image/SampleModel getPixel(II[FLjava/awt/image/DataBuffer;)[F
java/awt/image/SampleModel getPixel(II[DLjava/awt/image/DataBuffer;)[D
java/awt/image/SampleModel getPixels(IIII[ILjava/awt/image/DataBuffer;)[I
java/awt/image/SampleModel getPixels(IIII[FLjava/awt/image/DataBuffer;)[F
java/awt/image/SampleModel getPixels(IIII[DLjava/awt/image/DataBuffer;)[D
java/awt/image/SampleModel getSample(IIILjava/awt/image/DataBuffer;)I
java/awt/image/SampleModel getSampleFloat(IIILjava/awt/image/DataBuffer;)F
java/awt/image/SampleModel
getSampleDouble(IIILjava/awt/image/DataBuffer;)D
java/awt/image/SampleModel getSamples(IIIII[ILjava/awt/image/DataBuffer;)[I
java/awt/image/SampleModel getSamples(IIIII[FLjava/awt/image/DataBuffer;)[F
java/awt/image/SampleModel getSamples(IIIII[DLjava/awt/image/DataBuffer;)[D
java/awt/image/SampleModel setPixel(II[ILjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setPixel(II[FLjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setPixel(II[DLjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setPixels(IIII[ILjava/awt/image/DataBuffer;)V

java/awt/image/SampleModel setPixels(IIII[FLjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setPixels(IIII[DLjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setSample(IIIILjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setSample(IIIFLjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setSample(IIIDLjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setSamples(IIIII[ILjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel
 setSamples(IIIII[FLjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel setSamples(IIIII[DLjava/awt/image/DataBuffer;)V
java/awt/image/SampleModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/SampleModel createSubsetSampleModel([I)Ljava/awt/image/SampleModel;
java/awt/image/SampleModel createDataBuffer()Ljava/awt/image/DataBuffer;
java/awt/image/SampleModel getSampleSize()[I
java/awt/image/SampleModel getSampleSize(I)I
java/awt/image/SampleModel <clinit>()V
class java/awt/image/DataBufferByte java/awt/image/DataBuffer
java/awt/image/DataBufferByte data
java/awt/image/DataBufferByte bankdata
java/awt/image/DataBufferByte <init>(I)V
java/awt/image/DataBufferByte <init>(II)V
java/awt/image/DataBufferByte <init>([BI)V
java/awt/image/DataBufferByte <init>([BII)V
java/awt/image/DataBufferByte <init>([[BI)V
java/awt/image/DataBufferByte <init>([[BI[I)V
java/awt/image/DataBufferByte getData()[B
java/awt/image/DataBufferByte
 getData(I)[B
java/awt/image/DataBufferByte getBankData()[[B
java/awt/image/DataBufferByte getElem(I)I
java/awt/image/DataBufferByte getElem(II)I
java/awt/image/DataBufferByte setElem(II)V
java/awt/image/DataBufferByte setElem(III)V
class java/awt/image/DataBuffer java/lang/Object
java/awt/image/DataBuffer TYPE_BYTE
java/awt/image/DataBuffer TYPE_USHORT
java/awt/image/DataBuffer TYPE_SHORT
java/awt/image/DataBuffer TYPE_INT
java/awt/image/DataBuffer TYPE_FLOAT
java/awt/image/DataBuffer TYPE_DOUBLE
java/awt/image/DataBuffer TYPE_UNDEFINED
java/awt/image/DataBuffer dataType
java/awt/image/DataBuffer banks
java/awt/image/DataBuffer offset
java/awt/image/DataBuffer size
java/awt/image/DataBuffer offsets
java/awt/image/DataBuffer dataTypeSize
java/awt/image/DataBuffer getDataTypeSize(I)I
java/awt/image/DataBuffer <init>(II)V

java/awt/image/DataBuffer <init>(III)V
java/awt/image/DataBuffer <init>(IIII)V
java/awt/image/DataBuffer <init>(III[I)V
java/awt/image/DataBuffer
getDataType()I
java/awt/image/DataBuffer getSize()I
java/awt/image/DataBuffer getOffset()I
java/awt/image/DataBuffer getOffsets()[I
java/awt/image/DataBuffer getNumBanks()I
java/awt/image/DataBuffer getElem(I)I
java/awt/image/DataBuffer getElem(II)I
java/awt/image/DataBuffer setElem(II)V
java/awt/image/DataBuffer setElem(III)V
java/awt/image/DataBuffer getElemFloat(I)F
java/awt/image/DataBuffer getElemFloat(II)F
java/awt/image/DataBuffer setElemFloat(IF)V
java/awt/image/DataBuffer setElemFloat(IIF)V
java/awt/image/DataBuffer getElemDouble(I)D
java/awt/image/DataBuffer getElemDouble(II)D
java/awt/image/DataBuffer setElemDouble(ID)V
java/awt/image/DataBuffer setElemDouble(IID)V
java/awt/image/DataBuffer toIntArray(Ljava/lang/Object;)[I
java/awt/image/DataBuffer <clinit>()V
class java/awt/image/Raster java/lang/Object
java/awt/image/Raster sampleModel
java/awt/image/Raster dataBuffer
java/awt/image/Raster minX
java/awt/image/Raster minY
java/awt/image/Raster width
java/awt/image/Raster
height
java/awt/image/Raster sampleModelTranslateX
java/awt/image/Raster sampleModelTranslateY
java/awt/image/Raster numBands
java/awt/image/Raster numDataElements
java/awt/image/Raster parent
java/awt/image/Raster initIDs()V
java/awt/image/Raster createInterleavedRaster(IIIILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster createInterleavedRaster(IIIII[ILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster createBandedRaster(IIIILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster createBandedRaster(IIII[I[ILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster createPackedRaster(III[ILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster createPackedRaster(IIIIILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster
createInterleavedRaster(Ljava/awt/image/DataBuffer;IIII[ILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster
createBandedRaster(Ljava/awt/image/DataBuffer;III[I[ILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster

createPackedRaster(Ljava/awt/image/DataBuffer;III[ILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster
createPackedRaster(Ljava/awt/image/DataBuffer;IIILjava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster
createRaster(Ljava/awt/image/SampleModel;Ljava/awt/image/DataBuffer;Ljava/awt/Point;)Ljava/awt/image/Raster;
java/awt/image/Raster
createWritableRaster(Ljava/awt/image/SampleModel;Ljava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster
createWritableRaster(Ljava/awt/image/SampleModel;Ljava/awt/image/DataBuffer;Ljava/awt/Point;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster <init>(Ljava/awt/image/SampleModel;Ljava/awt/Point;)V
java/awt/image/Raster <init>(Ljava/awt/image/SampleModel;Ljava/awt/image/DataBuffer;Ljava/awt/Point;)V
java/awt/image/Raster
<init>(Ljava/awt/image/SampleModel;Ljava/awt/image/DataBuffer;Ljava/awt/Rectangle;Ljava/awt/Point;Ljava/awt/image/Raster;)V
java/awt/image/Raster
getParent()Ljava/awt/image/Raster;
java/awt/image/Raster getSampleModelTranslateX()I
java/awt/image/Raster getSampleModelTranslateY()I
java/awt/image/Raster createCompatibleWritableRaster()Ljava/awt/image/WritableRaster;
java/awt/image/Raster createCompatibleWritableRaster(II)Ljava/awt/image/WritableRaster;
java/awt/image/Raster createCompatibleWritableRaster(Ljava/awt/Rectangle;)Ljava/awt/image/WritableRaster;
java/awt/image/Raster createCompatibleWritableRaster(IIII)Ljava/awt/image/WritableRaster;
java/awt/image/Raster createTranslatedChild(II)Ljava/awt/image/Raster;
java/awt/image/Raster createChild(IIIIII[I)Ljava/awt/image/Raster;
java/awt/image/Raster getBounds()Ljava/awt/Rectangle;
java/awt/image/Raster getMinX()I
java/awt/image/Raster getMinY()I
java/awt/image/Raster getWidth()I
java/awt/image/Raster getHeight()I
java/awt/image/Raster getNumBands()I
java/awt/image/Raster getNumDataElements()I
java/awt/image/Raster getTransferType()I
java/awt/image/Raster
getDataBuffer()Ljava/awt/image/DataBuffer;
java/awt/image/Raster getSampleModel()Ljava/awt/image/SampleModel;
java/awt/image/Raster getDataElements(IILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/Raster getDataElements(IIIILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/Raster getPixel(II[I)[I
java/awt/image/Raster getPixel(II[F)[F
java/awt/image/Raster getPixel(II[D)[D
java/awt/image/Raster getPixels(IIII[I)[I
java/awt/image/Raster getPixels(IIII[F)[F
java/awt/image/Raster getPixels(IIII[D)[D
java/awt/image/Raster getSample(III)I
java/awt/image/Raster getSampleFloat(III)F
java/awt/image/Raster getSampleDouble(III)D
java/awt/image/Raster getSamples(IIII[I)[I

java/awt/image/Raster getSamples(IIIII[F)[F
java/awt/image/Raster getSamples(IIIII[D)[D
java/awt/image/Raster <clinit>()V
class java/net/JarURLConnection java/net/URLConnection
java/net/JarURLConnection jarFileURL
java/net/JarURLConnection entryName
java/net/JarURLConnection jarFileURLConnection
java/net/JarURLConnection
<init>(Ljava/net/URL;)V
java/net/JarURLConnection parseSpecs(Ljava/net/URL;)V
java/net/JarURLConnection getJarFileURL()Ljava/net/URL;
java/net/JarURLConnection getEntryName()Ljava/lang/String;
java/net/JarURLConnection getJarFile()Ljava/util/jar/JarFile;
java/net/JarURLConnection getManifest()Ljava/util/jar/Manifest;
java/net/JarURLConnection getJarEntry()Ljava/util/jar/JarEntry;
java/net/JarURLConnection getAttributes()Ljava/util/jar/Attributes;
java/net/JarURLConnection getMainAttributes()Ljava/util/jar/Attributes;
java/net/JarURLConnection getCertificates()[Ljava/security/cert/Certificate;
class java/awt/image/ImageConsumer java/lang/Object
java/awt/image/ImageConsumer RANDOMPIXELORDER
java/awt/image/ImageConsumer TOPDOWNLEFTRIGHT
java/awt/image/ImageConsumer COMPLETESCANLINES
java/awt/image/ImageConsumer SINGLEPASS
java/awt/image/ImageConsumer SINGLEFRAME
java/awt/image/ImageConsumer IMAGEERROR
java/awt/image/ImageConsumer SINGLEFRAMEDONE
java/awt/image/ImageConsumer
STATICIMAGEDONE
java/awt/image/ImageConsumer IMAGEABORTED
java/awt/image/ImageConsumer setDimensions(II)V
java/awt/image/ImageConsumer setProperties(Ljava/util/Hashtable;)V
java/awt/image/ImageConsumer setColorModel(Ljava/awt/image/ColorModel;)V
java/awt/image/ImageConsumer setHints(I)V
java/awt/image/ImageConsumer setPixels(IIIILjava/awt/image/ColorModel;[BII)V
java/awt/image/ImageConsumer setPixels(IIIILjava/awt/image/ColorModel;[III)V
java/awt/image/ImageConsumer imageComplete(I)V
class java/awt/ImageMediaEntry java/awt/MediaEntry
java/awt/ImageMediaEntry image
java/awt/ImageMediaEntry width
java/awt/ImageMediaEntry height
java/awt/ImageMediaEntry serialVersionUID
java/awt/ImageMediaEntry <init>(Ljava/awt/MediaTracker;Ljava/awt/Image;III)V
java/awt/ImageMediaEntry matches(Ljava/awt/Image;II)Z
java/awt/ImageMediaEntry getMedia()Ljava/lang/Object;
java/awt/ImageMediaEntry getStatus(ZZ)I
java/awt/ImageMediaEntry startLoad()V
java/awt/ImageMediaEntry parseflags(I)I
java/awt/ImageMediaEntry

imageUpdate(Ljava/awt/Image;IIIII)Z
class java/awt/MediaEntry java/lang/Object
java/awt/MediaEntry tracker
java/awt/MediaEntry ID
java/awt/MediaEntry next
java/awt/MediaEntry status
java/awt/MediaEntry cancelled
java/awt/MediaEntry LOADING
java/awt/MediaEntry ABORTED
java/awt/MediaEntry ERRORED
java/awt/MediaEntry COMPLETE
java/awt/MediaEntry LOADSTARTED
java/awt/MediaEntry DONE
java/awt/MediaEntry <init>(Ljava/awt/MediaTracker;I)V
java/awt/MediaEntry getMedia()Ljava/lang/Object;
java/awt/MediaEntry insert(Ljava/awt/MediaEntry;Ljava/awt/MediaEntry;)Ljava/awt/MediaEntry;
java/awt/MediaEntry getID()I
java/awt/MediaEntry startLoad()V
java/awt/MediaEntry cancel()V
java/awt/MediaEntry getStatus(ZZ)I
java/awt/MediaEntry setStatus(I)V
class java/awt/image/ImageProducer java/lang/Object
java/awt/image/ImageProducer addConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/ImageProducer isConsumer(Ljava/awt/image/ImageConsumer;)Z
java/awt/image/ImageProducer removeConsumer(Ljava/awt/image/ImageConsumer;)V
java/awt/image/ImageProducer
startProduction(Ljava/awt/image/ImageConsumer;)V
java/awt/image/ImageProducer requestTopDownLeftRightResend(Ljava/awt/image/ImageConsumer;)V
class java/awt/MediaTracker java/lang/Object
java/awt/MediaTracker target
java/awt/MediaTracker head
java/awt/MediaTracker serialVersionUID
java/awt/MediaTracker LOADING
java/awt/MediaTracker ABORTED
java/awt/MediaTracker ERRORED
java/awt/MediaTracker COMPLETE
java/awt/MediaTracker DONE
java/awt/MediaTracker <init>(Ljava/awt/Component;)V
java/awt/MediaTracker addImage(Ljava/awt/Image;I)V
java/awt/MediaTracker addImage(Ljava/awt/Image;III)V
java/awt/MediaTracker checkAll()Z
java/awt/MediaTracker checkAll(Z)Z
java/awt/MediaTracker checkAll(ZZ)Z
java/awt/MediaTracker isErrorAny()Z
java/awt/MediaTracker getErrorsAny()[Ljava/lang/Object;
java/awt/MediaTracker waitForAll()V
java/awt/MediaTracker waitForAll(J)Z
java/awt/MediaTracker statusAll(Z)I

java/awt/MediaTracker statusAll(ZZ)I
java/awt/MediaTracker
checkID(I)Z
java/awt/MediaTracker checkID(IZ)Z
java/awt/MediaTracker checkID(IZZ)Z
java/awt/MediaTracker isErrorID(I)Z
java/awt/MediaTracker getErrorsID(I)[Ljava/lang/Object;
java/awt/MediaTracker waitForID(I)V
java/awt/MediaTracker waitForID(IJ)Z
java/awt/MediaTracker statusID(IZ)I
java/awt/MediaTracker statusID(IZZ)I
java/awt/MediaTracker removeImage(Ljava/awt/Image;)V
java/awt/MediaTracker removeImage(Ljava/awt/Image;I)V
java/awt/MediaTracker removeImage(Ljava/awt/Image;III)V
java/awt/MediaTracker setDone()V
class java/net/ConnectException java/net/SocketException
java/net/ConnectException <init>(Ljava/lang/String;)V
java/net/ConnectException <init>()V
class java/net/SocketException java/io/IOException
java/net/SocketException <init>(Ljava/lang/String;)V
java/net/SocketException <init>()V
class java/util/Collections$SynchronizedCollection java/lang/Object
java/util/Collections$SynchronizedCollection serialVersionUID
java/util/Collections$SynchronizedCollection c
java/util/Collections$SynchronizedCollection
mutex
java/util/Collections$SynchronizedCollection <init>(Ljava/util/Collection;)V
java/util/Collections$SynchronizedCollection <init>(Ljava/util/Collection;Ljava/lang/Object;)V
java/util/Collections$SynchronizedCollection size()I
java/util/Collections$SynchronizedCollection isEmpty()Z
java/util/Collections$SynchronizedCollection contains(Ljava/lang/Object;)Z
java/util/Collections$SynchronizedCollection toArray()[Ljava/lang/Object;
java/util/Collections$SynchronizedCollection toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/Collections$SynchronizedCollection iterator()Ljava/util/Iterator;
java/util/Collections$SynchronizedCollection add(Ljava/lang/Object;)Z
java/util/Collections$SynchronizedCollection remove(Ljava/lang/Object;)Z
java/util/Collections$SynchronizedCollection containsAll(Ljava/util/Collection;)Z
java/util/Collections$SynchronizedCollection addAll(Ljava/util/Collection;)Z
java/util/Collections$SynchronizedCollection removeAll(Ljava/util/Collection;)Z
java/util/Collections$SynchronizedCollection
retainAll(Ljava/util/Collection;)Z
java/util/Collections$SynchronizedCollection clear()V
java/util/Collections$SynchronizedCollection toString()Ljava/lang/String;
java/util/Collections$SynchronizedCollection writeObject(Ljava/io/ObjectOutputStream;)V
class java/util/Hashtable$ValueCollection java/util/AbstractCollection
java/util/Hashtable$ValueCollection this$0
java/util/Hashtable$ValueCollection <init>(Ljava/util/Hashtable;)V
java/util/Hashtable$ValueCollection iterator()Ljava/util/Iterator;

java/util/Hashtable$ValueCollection size()I
java/util/Hashtable$ValueCollection contains(Ljava/lang/Object;)Z
java/util/Hashtable$ValueCollection clear()V
java/util/Hashtable$ValueCollection <init>(Ljava/util/Hashtable;Ljava/util/Hashtable$1;)V
class java/net/Proxy$Type java/lang/Enum
java/net/Proxy$Type DIRECT
java/net/Proxy$Type HTTP
java/net/Proxy$Type SOCKS
java/net/Proxy$Type $VALUES
java/net/Proxy$Type values()[Ljava/net/Proxy$Type;
java/net/Proxy$Type
 valueOf(Ljava/lang/String;)Ljava/net/Proxy$Type;
java/net/Proxy$Type <init>(Ljava/lang/String;I)V
java/net/Proxy$Type <clinit>()V
class java/net/Proxy java/lang/Object
java/net/Proxy type
java/net/Proxy sa
java/net/Proxy NO_PROXY
java/net/Proxy <init>()V
java/net/Proxy <init>(Ljava/net/Proxy$Type;Ljava/net/SocketAddress;)V
java/net/Proxy type()Ljava/net/Proxy$Type;
java/net/Proxy address()Ljava/net/SocketAddress;
java/net/Proxy toString()Ljava/lang/String;
java/net/Proxy equals(Ljava/lang/Object;)Z
java/net/Proxy hashCode()I
java/net/Proxy <clinit>()V
class java/net/URI$Parser java/lang/Object
java/net/URI$Parser input
java/net/URI$Parser requireServerAuthority
java/net/URI$Parser ipv6byteCount
java/net/URI$Parser this$0
java/net/URI$Parser <init>(Ljava/net/URI;Ljava/lang/String;)V
java/net/URI$Parser fail(Ljava/lang/String;)V
java/net/URI$Parser fail(Ljava/lang/String;I)V
java/net/URI$Parser failExpecting(Ljava/lang/String;I)V
java/net/URI$Parser failExpecting(Ljava/lang/String;Ljava/lang/String;I)V
java/net/URI$Parser
 substring(II)Ljava/lang/String;
java/net/URI$Parser charAt(I)C
java/net/URI$Parser at(IIC)Z
java/net/URI$Parser at(IILjava/lang/String;)Z
java/net/URI$Parser scan(IIC)I
java/net/URI$Parser scan(IILjava/lang/String;Ljava/lang/String;)I
java/net/URI$Parser scanEscape(IIC)I
java/net/URI$Parser scan(IIJJ)I
java/net/URI$Parser checkChars(IIJJLjava/lang/String;)V
java/net/URI$Parser checkChar(IJJLjava/lang/String;)V
java/net/URI$Parser parse(Z)V

java/net/URI$Parser parseHierarchical(II)I
java/net/URI$Parser parseAuthority(II)I
java/net/URI$Parser parseServer(II)I
java/net/URI$Parser scanByte(II)I
java/net/URI$Parser scanIPv4Address(IIZ)I
java/net/URI$Parser takeIPv4Address(IILjava/lang/String;)I
java/net/URI$Parser parseIPv4Address(II)I
java/net/URI$Parser parseHostname(II)I
java/net/URI$Parser parseIPv6Reference(II)I
java/net/URI$Parser scanHexPost(II)I
java/net/URI$Parser scanHexSeq(II)I
class java/net/URI java/lang/Object
java/net/URI
 serialVersionUID
java/net/URI scheme
java/net/URI fragment
java/net/URI authority
java/net/URI userInfo
java/net/URI host
java/net/URI port
java/net/URI path
java/net/URI query
java/net/URI schemeSpecificPart
java/net/URI hash
java/net/URI decodedUserInfo
java/net/URI decodedAuthority
java/net/URI decodedPath
java/net/URI decodedQuery
java/net/URI decodedFragment
java/net/URI decodedSchemeSpecificPart
java/net/URI string
java/net/URI L_DIGIT
java/net/URI H_DIGIT
java/net/URI L_UPALPHA
java/net/URI H_UPALPHA
java/net/URI L_LOWALPHA
java/net/URI H_LOWALPHA
java/net/URI L_ALPHA
java/net/URI H_ALPHA
java/net/URI L_ALPHANUM
java/net/URI H_ALPHANUM
java/net/URI L_HEX
java/net/URI H_HEX
java/net/URI L_MARK
java/net/URI H_MARK
java/net/URI L_UNRESERVED
java/net/URI H_UNRESERVED
java/net/URI L_RESERVED

java/net/URI H_RESERVED
java/net/URI L_ESCAPED
java/net/URI H_ESCAPED
java/net/URI L_URIC
java/net/URI H_URIC
java/net/URI L_PCHAR
java/net/URI H_PCHAR
java/net/URI L_PATH
java/net/URI
H_PATH
java/net/URI L_DASH
java/net/URI H_DASH
java/net/URI L_DOT
java/net/URI H_DOT
java/net/URI L_USERINFO
java/net/URI H_USERINFO
java/net/URI L_REG_NAME
java/net/URI H_REG_NAME
java/net/URI L_SERVER
java/net/URI H_SERVER
java/net/URI L_SERVER_PERCENT
java/net/URI H_SERVER_PERCENT
java/net/URI L_LEFT_BRACKET
java/net/URI H_LEFT_BRACKET
java/net/URI L_SCHEME
java/net/URI H_SCHEME
java/net/URI L_URIC_NO_SLASH
java/net/URI H_URIC_NO_SLASH
java/net/URI hexDigits
java/net/URI $assertionsDisabled
java/net/URI <init>()V
java/net/URI <init>(Ljava/lang/String;)V
java/net/URI
<init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;Ljava/lang/String;
)V
java/net/URI <init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/net/URI <init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/net/URI <init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/net/URI create(Ljava/lang/String;)Ljava/net/URI;
java/net/URI
parseServerAuthority()Ljava/net/URI;
java/net/URI normalize()Ljava/net/URI;
java/net/URI resolve(Ljava/net/URI;)Ljava/net/URI;
java/net/URI resolve(Ljava/lang/String;)Ljava/net/URI;
java/net/URI relativize(Ljava/net/URI;)Ljava/net/URI;
java/net/URI toURL()Ljava/net/URL;
java/net/URI getScheme()Ljava/lang/String;
java/net/URI isAbsolute()Z

java/net/URI isOpaque()Z
java/net/URI getRawSchemeSpecificPart()Ljava/lang/String;
java/net/URI getSchemeSpecificPart()Ljava/lang/String;
java/net/URI getRawAuthority()Ljava/lang/String;
java/net/URI getAuthority()Ljava/lang/String;
java/net/URI getRawUserInfo()Ljava/lang/String;
java/net/URI getUserInfo()Ljava/lang/String;
java/net/URI getHost()Ljava/lang/String;
java/net/URI getPort()I
java/net/URI getRawPath()Ljava/lang/String;
java/net/URI getPath()Ljava/lang/String;
java/net/URI getRawQuery()Ljava/lang/String;
java/net/URI getQuery()Ljava/lang/String;
java/net/URI getRawFragment()Ljava/lang/String;
java/net/URI
getFragment()Ljava/lang/String;
java/net/URI equals(Ljava/lang/Object;)Z
java/net/URI hashCode()I
java/net/URI compareTo(Ljava/net/URI;)I
java/net/URI toString()Ljava/lang/String;
java/net/URI toASCIIString()Ljava/lang/String;
java/net/URI writeObject(Ljava/io/ObjectOutputStream;)V
java/net/URI readObject(Ljava/io/ObjectInputStream;)V
java/net/URI toLower(C)I
java/net/URI equal(Ljava/lang/String;Ljava/lang/String;)Z
java/net/URI equalIgnoringCase(Ljava/lang/String;Ljava/lang/String;)Z
java/net/URI hash(ILjava/lang/String;)I
java/net/URI hashIgnoringCase(ILjava/lang/String;)I
java/net/URI compare(Ljava/lang/String;Ljava/lang/String;)I
java/net/URI compareIgnoringCase(Ljava/lang/String;Ljava/lang/String;)I
java/net/URI checkPath(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/net/URI appendAuthority(Ljava/lang/StringBuffer;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;I)V
java/net/URI
appendSchemeSpecificPart(Ljava/lang/StringBuffer;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;)V
java/net/URI
appendFragment(Ljava/lang/StringBuffer;Ljava/lang/String;)V
java/net/URI
toString(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/net/URI defineSchemeSpecificPart()V
java/net/URI defineString()V
java/net/URI resolvePath(Ljava/lang/String;Ljava/lang/String;Z)Ljava/lang/String;
java/net/URI resolve(Ljava/net/URI;Ljava/net/URI;)Ljava/net/URI;
java/net/URI normalize(Ljava/net/URI;)Ljava/net/URI;
java/net/URI relativize(Ljava/net/URI;Ljava/net/URI;)Ljava/net/URI;
java/net/URI needsNormalization(Ljava/lang/String;)I
java/net/URI split([C[I)V

java/net/URI join([C[I)I
java/net/URI removeDots([C[I)V
java/net/URI maybeAddLeadingDot([C[I)V
java/net/URI normalize(Ljava/lang/String;)Ljava/lang/String;
java/net/URI lowMask(Ljava/lang/String;)J
java/net/URI highMask(Ljava/lang/String;)J
java/net/URI
lowMask(CC)J
java/net/URI highMask(CC)J
java/net/URI match(CJJ)Z
java/net/URI appendEscape(Ljava/lang/StringBuffer;B)V
java/net/URI appendEncoded(Ljava/lang/StringBuffer;C)V
java/net/URI quote(Ljava/lang/String;JJ)Ljava/lang/String;
java/net/URI encode(Ljava/lang/String;)Ljava/lang/String;
java/net/URI decode(C)I
java/net/URI decode(CC)B
java/net/URI decode(Ljava/lang/String;)Ljava/lang/String;
java/net/URI compareTo(Ljava/lang/Object;)I
java/net/URI access$002(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI access$100()J
java/net/URI access$200()J
java/net/URI access$300(CJJ)Z
java/net/URI access$400()J
java/net/URI access$500()J
java/net/URI access$600()J
java/net/URI access$702(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI access$800()J
java/net/URI access$900()J
java/net/URI access$1002(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI access$1102(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI
access$1200()J
java/net/URI access$1300()J
java/net/URI access$1402(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI access$1502(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI access$1600()J
java/net/URI access$1700()J
java/net/URI access$1800()J
java/net/URI access$1900()J
java/net/URI access$2000()J
java/net/URI access$2100()J
java/net/URI access$2202(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI access$2302(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI access$2402(Ljava/net/URI;Ljava/lang/String;)Ljava/lang/String;
java/net/URI access$2502(Ljava/net/URI;I)I
java/net/URI access$2600()J
java/net/URI access$2700()J
java/net/URI access$2800()J

java/net/URI access$2900()J
java/net/URI access$3000()J
java/net/URI access$3100()J
java/net/URI access$3200()J
java/net/URI access$3300()J
java/net/URI access$3400()J
java/net/URI <clinit>()V
class java/net/Inet6Address java/net/InetAddress
java/net/Inet6Address INADDRSZ
java/net/Inet6Address
 cached_scope_id
java/net/Inet6Address ipaddress
java/net/Inet6Address scope_id
java/net/Inet6Address scope_id_set
java/net/Inet6Address scope_ifname
java/net/Inet6Address scope_ifname_set
java/net/Inet6Address serialVersionUID
java/net/Inet6Address INT16SZ
java/net/Inet6Address ifname
java/net/Inet6Address $assertionsDisabled
java/net/Inet6Address <init>()V
java/net/Inet6Address <init>(Ljava/lang/String;[BI)V
java/net/Inet6Address <init>(Ljava/lang/String;[B)V
java/net/Inet6Address <init>(Ljava/lang/String;[BLjava/net/NetworkInterface;)V
java/net/Inet6Address <init>(Ljava/lang/String;[BLjava/lang/String;)V
java/net/Inet6Address getByAddress(Ljava/lang/String;[BLjava/net/NetworkInterface;)Ljava/net/Inet6Address;
java/net/Inet6Address getByAddress(Ljava/lang/String;[BI)Ljava/net/Inet6Address;
java/net/Inet6Address initstr(Ljava/lang/String;[BLjava/lang/String;)V
java/net/Inet6Address initif(Ljava/lang/String;[BLjava/net/NetworkInterface;)V
java/net/Inet6Address differentLocalAddressTypes(Ljava/net/Inet6Address;)Z
java/net/Inet6Address
 deriveNumericScope(Ljava/net/NetworkInterface;)I
java/net/Inet6Address deriveNumericScope(Ljava/lang/String;)I
java/net/Inet6Address readObject(Ljava/io/ObjectInputStream;)V
java/net/Inet6Address isMulticastAddress()Z
java/net/Inet6Address isAnyLocalAddress()Z
java/net/Inet6Address isLoopbackAddress()Z
java/net/Inet6Address isLinkLocalAddress()Z
java/net/Inet6Address isSiteLocalAddress()Z
java/net/Inet6Address isMCGlobal()Z
java/net/Inet6Address isMCNodeLocal()Z
java/net/Inet6Address isMCLinkLocal()Z
java/net/Inet6Address isMCSiteLocal()Z
java/net/Inet6Address isMCOrgLocal()Z
java/net/Inet6Address getAddress()[B
java/net/Inet6Address getScopeId()I
java/net/Inet6Address getScopedInterface()Ljava/net/NetworkInterface;
java/net/Inet6Address getHostAddress()Ljava/lang/String;

java/net/Inet6Address hashCode()I
java/net/Inet6Address equals(Ljava/lang/Object;)Z
java/net/Inet6Address isIPv4CompatibleAddress()Z
java/net/Inet6Address
numericToTextFormat([B)Ljava/lang/String;
java/net/Inet6Address init()V
java/net/Inet6Address writeObject(Ljava/io/ObjectOutputStream;)V
java/net/Inet6Address <clinit>()V
class java/net/InetAddress$CacheEntry java/lang/Object
java/net/InetAddress$CacheEntry address
java/net/InetAddress$CacheEntry expiration
java/net/InetAddress$CacheEntry <init>(Ljava/lang/Object;J)V
class java/util/regex/Pattern$GroupCurly java/util/regex/Pattern$Node
java/util/regex/Pattern$GroupCurly atom
java/util/regex/Pattern$GroupCurly type
java/util/regex/Pattern$GroupCurly cmin
java/util/regex/Pattern$GroupCurly cmax
java/util/regex/Pattern$GroupCurly localIndex
java/util/regex/Pattern$GroupCurly groupIndex
java/util/regex/Pattern$GroupCurly capture
java/util/regex/Pattern$GroupCurly <init>(Ljava/util/regex/Pattern$Node;IIIIIZ)V
java/util/regex/Pattern$GroupCurly match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$GroupCurly match0(Ljava/util/regex/Matcher;IILjava/lang/CharSequence;)Z
java/util/regex/Pattern$GroupCurly
match1(Ljava/util/regex/Matcher;IILjava/lang/CharSequence;)Z
java/util/regex/Pattern$GroupCurly match2(Ljava/util/regex/Matcher;IILjava/lang/CharSequence;)Z
java/util/regex/Pattern$GroupCurly study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/ASCII java/lang/Object
java/util/regex/ASCII UPPER
java/util/regex/ASCII LOWER
java/util/regex/ASCII DIGIT
java/util/regex/ASCII SPACE
java/util/regex/ASCII PUNCT
java/util/regex/ASCII CNTRL
java/util/regex/ASCII BLANK
java/util/regex/ASCII HEX
java/util/regex/ASCII UNDER
java/util/regex/ASCII ASCII
java/util/regex/ASCII ALPHA
java/util/regex/ASCII ALNUM
java/util/regex/ASCII GRAPH
java/util/regex/ASCII WORD
java/util/regex/ASCII XDIGIT
java/util/regex/ASCII ctype
java/util/regex/ASCII <init>()V
java/util/regex/ASCII getType(I)I
java/util/regex/ASCII isType(II)Z
java/util/regex/ASCII isAscii(I)Z

java/util/regex/ASCII isAlpha(I)Z
java/util/regex/ASCII isDigit(I)Z
java/util/regex/ASCII isAlnum(I)Z
java/util/regex/ASCII
 isGraph(I)Z
java/util/regex/ASCII isPrint(I)Z
java/util/regex/ASCII isPunct(I)Z
java/util/regex/ASCII isSpace(I)Z
java/util/regex/ASCII isHexDigit(I)Z
java/util/regex/ASCII isOctDigit(I)Z
java/util/regex/ASCII isCntrl(I)Z
java/util/regex/ASCII isLower(I)Z
java/util/regex/ASCII isUpper(I)Z
java/util/regex/ASCII isWord(I)Z
java/util/regex/ASCII toDigit(I)I
java/util/regex/ASCII toLower(I)I
java/util/regex/ASCII toUpper(I)I
java/util/regex/ASCII <clinit>()V
class java/net/ProxySelector java/lang/Object
java/net/ProxySelector theProxySelector
java/net/ProxySelector <init>()V
java/net/ProxySelector getDefault()Ljava/net/ProxySelector;
java/net/ProxySelector setDefault(Ljava/net/ProxySelector;)V
java/net/ProxySelector select(Ljava/net/URI;)Ljava/util/List;
java/net/ProxySelector connectFailed(Ljava/net/URI;Ljava/net/SocketAddress;Ljava/io/IOException;)V
java/net/ProxySelector <clinit>()V
class java/net/SocksSocketImpl$5 java/lang/Object
java/net/SocksSocketImpl$5
 this$0
java/net/SocksSocketImpl$5 <init>(Ljava/net/SocksSocketImpl;)V
java/net/SocksSocketImpl$5 run()Ljava/lang/Object;
class java/net/SocksSocketImpl java/net/PlainSocketImpl
java/net/SocksSocketImpl server
java/net/SocksSocketImpl port
java/net/SocksSocketImpl external_address
java/net/SocksSocketImpl useV4
java/net/SocksSocketImpl cmdsock
java/net/SocksSocketImpl cmdIn
java/net/SocksSocketImpl cmdOut
java/net/SocksSocketImpl $assertionsDisabled
java/net/SocksSocketImpl <init>()V
java/net/SocksSocketImpl <init>(Ljava/lang/String;I)V
java/net/SocksSocketImpl <init>(Ljava/net/Proxy;)V
java/net/SocksSocketImpl setV4()V
java/net/SocksSocketImpl privilegedConnect(Ljava/lang/String;II)V
java/net/SocksSocketImpl superConnectServer(Ljava/lang/String;II)V
java/net/SocksSocketImpl readSocksReply(Ljava/io/InputStream;[B)I
java/net/SocksSocketImpl authenticate(BLjava/io/InputStream;Ljava/io/BufferedOutputStream;)Z

java/net/SocksSocketImpl connectV4(Ljava/io/InputStream;Ljava/io/OutputStream;Ljava/net/InetSocketAddress;)V
java/net/SocksSocketImpl
connect(Ljava/net/SocketAddress;I)V
java/net/SocksSocketImpl bindV4(Ljava/io/InputStream;Ljava/io/OutputStream;Ljava/net/InetAddress;I)V
java/net/SocksSocketImpl socksBind(Ljava/net/InetSocketAddress;)V
java/net/SocksSocketImpl acceptFrom(Ljava/net/SocketImpl;Ljava/net/InetSocketAddress;)V
java/net/SocksSocketImpl getInetAddress()Ljava/net/InetAddress;
java/net/SocksSocketImpl getPort()I
java/net/SocksSocketImpl getLocalPort()I
java/net/SocksSocketImpl close()V
java/net/SocksSocketImpl access$000(Ljava/net/SocksSocketImpl;Ljava/lang/String;II)V
java/net/SocksSocketImpl access$102(Ljava/net/SocksSocketImpl;Ljava/io/InputStream;)Ljava/io/InputStream;
java/net/SocksSocketImpl access$202(Ljava/net/SocksSocketImpl;Ljava/io/OutputStream;)Ljava/io/OutputStream;
java/net/SocksSocketImpl access$300(Ljava/net/SocksSocketImpl;)Ljava/lang/String;
java/net/SocksSocketImpl access$400(Ljava/net/SocksSocketImpl;)I
java/net/SocksSocketImpl access$502(Ljava/net/SocksSocketImpl;Ljava/net/Socket;)Ljava/net/Socket;
java/net/SocksSocketImpl
access$500(Ljava/net/SocksSocketImpl;)Ljava/net/Socket;
java/net/SocksSocketImpl <clinit>()V
class java/net/PlainSocketImpl java/net/SocketImpl
java/net/PlainSocketImpl timeout
java/net/PlainSocketImpl trafficClass
java/net/PlainSocketImpl shut_rd
java/net/PlainSocketImpl shut_wr
java/net/PlainSocketImpl socketInputStream
java/net/PlainSocketImpl fdUseCount
java/net/PlainSocketImpl fdLock
java/net/PlainSocketImpl closePending
java/net/PlainSocketImpl CONNECTION_NOT_RESET
java/net/PlainSocketImpl CONNECTION_RESET_PENDING
java/net/PlainSocketImpl CONNECTION_RESET
java/net/PlainSocketImpl resetState
java/net/PlainSocketImpl resetLock
java/net/PlainSocketImpl fd1
java/net/PlainSocketImpl anyLocalBoundAddr
java/net/PlainSocketImpl lastfd
java/net/PlainSocketImpl SHUT_RD
java/net/PlainSocketImpl SHUT_WR
java/net/PlainSocketImpl <init>()V
java/net/PlainSocketImpl <init>(Ljava/io/FileDescriptor;)V
java/net/PlainSocketImpl
create(Z)V
java/net/PlainSocketImpl connect(Ljava/lang/String;I)V
java/net/PlainSocketImpl connect(Ljava/net/InetAddress;I)V
java/net/PlainSocketImpl connect(Ljava/net/SocketAddress;I)V
java/net/PlainSocketImpl connectToAddress(Ljava/net/InetAddress;II)V
java/net/PlainSocketImpl setOption(ILjava/lang/Object;)V
java/net/PlainSocketImpl getOption(I)Ljava/lang/Object;

java/net/PlainSocketImpl doConnect(Ljava/net/InetAddress;II)V
java/net/PlainSocketImpl bind(Ljava/net/InetAddress;I)V
java/net/PlainSocketImpl listen(I)V
java/net/PlainSocketImpl accept(Ljava/net/SocketImpl;)V
java/net/PlainSocketImpl getInputStream()Ljava/io/InputStream;
java/net/PlainSocketImpl setInputStream(Ljava/net/SocketInputStream;)V
java/net/PlainSocketImpl getOutputStream()Ljava/io/OutputStream;
java/net/PlainSocketImpl available()I
java/net/PlainSocketImpl close()V
java/net/PlainSocketImpl shutdownInput()V
java/net/PlainSocketImpl shutdownOutput()V
java/net/PlainSocketImpl supportsUrgentData()Z
java/net/PlainSocketImpl
sendUrgentData(I)V
java/net/PlainSocketImpl finalize()V
java/net/PlainSocketImpl acquireFD()Ljava/io/FileDescriptor;
java/net/PlainSocketImpl releaseFD()V
java/net/PlainSocketImpl isConnectionReset()Z
java/net/PlainSocketImpl isConnectionResetPending()Z
java/net/PlainSocketImpl setConnectionReset()V
java/net/PlainSocketImpl setConnectionResetPending()V
java/net/PlainSocketImpl isClosedOrPending()Z
java/net/PlainSocketImpl getTimeout()I
java/net/PlainSocketImpl socketPreClose()V
java/net/PlainSocketImpl socketClose()V
java/net/PlainSocketImpl socketCreate(Z)V
java/net/PlainSocketImpl socketConnect(Ljava/net/InetAddress;II)V
java/net/PlainSocketImpl socketBind(Ljava/net/InetAddress;I)V
java/net/PlainSocketImpl socketListen(I)V
java/net/PlainSocketImpl socketAccept(Ljava/net/SocketImpl;)V
java/net/PlainSocketImpl socketAvailable()I
java/net/PlainSocketImpl socketClose0(Z)V
java/net/PlainSocketImpl socketShutdown(I)V
java/net/PlainSocketImpl initProto()V
java/net/PlainSocketImpl
socketSetOption(IZLjava/lang/Object;)V
java/net/PlainSocketImpl socketGetOption(ILjava/lang/Object;)I
java/net/PlainSocketImpl socketGetOption1(ILjava/lang/Object;Ljava/io/FileDescriptor;)I
java/net/PlainSocketImpl socketSendUrgentData(I)V
java/net/PlainSocketImpl <clinit>()V
class java/net/SocketImpl java/lang/Object
java/net/SocketImpl socket
java/net/SocketImpl serverSocket
java/net/SocketImpl fd
java/net/SocketImpl address
java/net/SocketImpl port
java/net/SocketImpl localport
java/net/SocketImpl <init>()V

java/net/SocketImpl create(Z)V
java/net/SocketImpl connect(Ljava/lang/String;I)V
java/net/SocketImpl connect(Ljava/net/InetAddress;I)V
java/net/SocketImpl connect(Ljava/net/SocketAddress;I)V
java/net/SocketImpl bind(Ljava/net/InetAddress;I)V
java/net/SocketImpl listen(I)V
java/net/SocketImpl accept(Ljava/net/SocketImpl;)V
java/net/SocketImpl getInputStream()Ljava/io/InputStream;
java/net/SocketImpl getOutputStream()Ljava/io/OutputStream;
java/net/SocketImpl available()I
java/net/SocketImpl
close()V
java/net/SocketImpl shutdownInput()V
java/net/SocketImpl shutdownOutput()V
java/net/SocketImpl getFileDescriptor()Ljava/io/FileDescriptor;
java/net/SocketImpl getInetAddress()Ljava/net/InetAddress;
java/net/SocketImpl getPort()I
java/net/SocketImpl supportsUrgentData()Z
java/net/SocketImpl sendUrgentData(I)V
java/net/SocketImpl getLocalPort()I
java/net/SocketImpl setSocket(Ljava/net/Socket;)V
java/net/SocketImpl getSocket()Ljava/net/Socket;
java/net/SocketImpl setServerSocket(Ljava/net/ServerSocket;)V
java/net/SocketImpl getServerSocket()Ljava/net/ServerSocket;
java/net/SocketImpl toString()Ljava/lang/String;
java/net/SocketImpl reset()V
java/net/SocketImpl setPerformancePreferences(III)V
class java/net/SocketOptions java/lang/Object
java/net/SocketOptions TCP_NODELAY
java/net/SocketOptions SO_BINDADDR
java/net/SocketOptions SO_REUSEADDR
java/net/SocketOptions SO_BROADCAST
java/net/SocketOptions IP_MULTICAST_IF
java/net/SocketOptions IP_MULTICAST_IF2
java/net/SocketOptions
IP_MULTICAST_LOOP
java/net/SocketOptions IP_TOS
java/net/SocketOptions SO_LINGER
java/net/SocketOptions SO_TIMEOUT
java/net/SocketOptions SO_SNDBUF
java/net/SocketOptions SO_RCVBUF
java/net/SocketOptions SO_KEEPALIVE
java/net/SocketOptions SO_OOBINLINE
java/net/SocketOptions setOption(ILjava/lang/Object;)V
java/net/SocketOptions getOption(I)Ljava/lang/Object;
class java/net/SocksConsts java/lang/Object
java/net/SocksConsts PROTO_VERS4
java/net/SocksConsts PROTO_VERS

java/net/SocksConsts DEFAULT_PORT
java/net/SocksConsts NO_AUTH
java/net/SocksConsts GSSAPI
java/net/SocksConsts USER_PASSW
java/net/SocksConsts NO_METHODS
java/net/SocksConsts CONNECT
java/net/SocksConsts BIND
java/net/SocksConsts UDP_ASSOC
java/net/SocksConsts IPV4
java/net/SocksConsts DOMAIN_NAME
java/net/SocksConsts IPV6
java/net/SocksConsts REQUEST_OK
java/net/SocksConsts GENERAL_FAILURE
java/net/SocksConsts NOT_ALLOWED
java/net/SocksConsts NET_UNREACHABLE
java/net/SocksConsts HOST_UNREACHABLE
java/net/SocksConsts
CONN_REFUSED
java/net/SocksConsts TTL_EXPIRED
java/net/SocksConsts CMD_NOT_SUPPORTED
java/net/SocksConsts ADDR_TYPE_NOT_SUP
class java/net/InetSocketAddress java/net/SocketAddress
java/net/InetSocketAddress hostname
java/net/InetSocketAddress addr
java/net/InetSocketAddress port
java/net/InetSocketAddress serialVersionUID
java/net/InetSocketAddress <init>()V
java/net/InetSocketAddress <init>(I)V
java/net/InetSocketAddress <init>(Ljava/net/InetAddress;I)V
java/net/InetSocketAddress <init>(Ljava/lang/String;I)V
java/net/InetSocketAddress createUnresolved(Ljava/lang/String;I)Ljava/net/InetSocketAddress;
java/net/InetSocketAddress readObject(Ljava/io/ObjectInputStream;)V
java/net/InetSocketAddress getPort()I
java/net/InetSocketAddress getAddress()Ljava/net/InetAddress;
java/net/InetSocketAddress getHostName()Ljava/lang/String;
java/net/InetSocketAddress getHostString()Ljava/lang/String;
java/net/InetSocketAddress isUnresolved()Z
java/net/InetSocketAddress toString()Ljava/lang/String;
java/net/InetSocketAddress
equals(Ljava/lang/Object;)Z
java/net/InetSocketAddress hashCode()I
class java/net/SocketAddress java/lang/Object
java/net/SocketAddress <init>()V
class java/net/Inet4Address java/net/InetAddress
java/net/Inet4Address INADDRSZ
java/net/Inet4Address serialVersionUID
java/net/Inet4Address loopback
java/net/Inet4Address <init>()V

java/net/Inet4Address <init>(Ljava/lang/String;[B)V
java/net/Inet4Address <init>(Ljava/lang/String;I)V
java/net/Inet4Address writeReplace()Ljava/lang/Object;
java/net/Inet4Address isMulticastAddress()Z
java/net/Inet4Address isAnyLocalAddress()Z
java/net/Inet4Address isLoopbackAddress()Z
java/net/Inet4Address isLinkLocalAddress()Z
java/net/Inet4Address isSiteLocalAddress()Z
java/net/Inet4Address isMCGlobal()Z
java/net/Inet4Address isMCNodeLocal()Z
java/net/Inet4Address isMCLinkLocal()Z
java/net/Inet4Address isMCSiteLocal()Z
java/net/Inet4Address isMCOrgLocal()Z
java/net/Inet4Address getAddress()[B
java/net/Inet4Address getHostAddress()Ljava/lang/String;
java/net/Inet4Address
 hashCode()I
java/net/Inet4Address equals(Ljava/lang/Object;)Z
java/net/Inet4Address numericToTextFormat([B)Ljava/lang/String;
java/net/Inet4Address init()V
java/net/Inet4Address <clinit>()V
class java/util/SubList$1 java/lang/Object
java/util/SubList$1 i
java/util/SubList$1 val$index
java/util/SubList$1 this$0
java/util/SubList$1 <init>(Ljava/util/SubList;I)V
java/util/SubList$1 hasNext()Z
java/util/SubList$1 next()Ljava/lang/Object;
java/util/SubList$1 hasPrevious()Z
java/util/SubList$1 previous()Ljava/lang/Object;
java/util/SubList$1 nextIndex()I
java/util/SubList$1 previousIndex()I
java/util/SubList$1 remove()V
java/util/SubList$1 set(Ljava/lang/Object;)V
java/util/SubList$1 add(Ljava/lang/Object;)V
class java/util/RandomAccessSubList java/util/SubList
java/util/RandomAccessSubList <init>(Ljava/util/AbstractList;II)V
java/util/RandomAccessSubList subList(II)Ljava/util/List;
class java/util/SubList java/util/AbstractList
java/util/SubList
 l
java/util/SubList offset
java/util/SubList size
java/util/SubList expectedModCount
java/util/SubList <init>(Ljava/util/AbstractList;II)V
java/util/SubList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/SubList get(I)Ljava/lang/Object;
java/util/SubList size()I

java/util/SubList add(ILjava/lang/Object;)V
java/util/SubList remove(I)Ljava/lang/Object;
java/util/SubList removeRange(II)V
java/util/SubList addAll(Ljava/util/Collection;)Z
java/util/SubList addAll(ILjava/util/Collection;)Z
java/util/SubList iterator()Ljava/util/Iterator;
java/util/SubList listIterator(I)Ljava/util/ListIterator;
java/util/SubList subList(II)Ljava/util/List;
java/util/SubList rangeCheck(I)V
java/util/SubList checkForComodification()V
java/util/SubList access$000(Ljava/util/SubList;)I
java/util/SubList access$100(Ljava/util/SubList;)Ljava/util/AbstractList;
java/util/SubList access$200(Ljava/util/SubList;)I
java/util/SubList access$302(Ljava/util/SubList;I)I
java/util/SubList access$210(Ljava/util/SubList;)I
java/util/SubList
access$208(Ljava/util/SubList;)I
class java/util/regex/Matcher java/lang/Object
java/util/regex/Matcher parentPattern
java/util/regex/Matcher groups
java/util/regex/Matcher from
java/util/regex/Matcher to
java/util/regex/Matcher text
java/util/regex/Matcher ENDANCHOR
java/util/regex/Matcher NOANCHOR
java/util/regex/Matcher acceptMode
java/util/regex/Matcher first
java/util/regex/Matcher last
java/util/regex/Matcher oldLast
java/util/regex/Matcher lastAppendPosition
java/util/regex/Matcher locals
java/util/regex/Matcher hitEnd
java/util/regex/Matcher requireEnd
java/util/regex/Matcher transparentBounds
java/util/regex/Matcher anchoringBounds
java/util/regex/Matcher <init>()V
java/util/regex/Matcher <init>(Ljava/util/regex/Pattern;Ljava/lang/CharSequence;)V
java/util/regex/Matcher pattern()Ljava/util/regex/Pattern;
java/util/regex/Matcher toMatchResult()Ljava/util/regex/MatchResult;
java/util/regex/Matcher usePattern(Ljava/util/regex/Pattern;)Ljava/util/regex/Matcher;
java/util/regex/Matcher
reset()Ljava/util/regex/Matcher;
java/util/regex/Matcher reset(Ljava/lang/CharSequence;)Ljava/util/regex/Matcher;
java/util/regex/Matcher start()I
java/util/regex/Matcher start(I)I
java/util/regex/Matcher end()I
java/util/regex/Matcher end(I)I
java/util/regex/Matcher group()Ljava/lang/String;

java/util/regex/Matcher group(I)Ljava/lang/String;
java/util/regex/Matcher groupCount()I
java/util/regex/Matcher matches()Z
java/util/regex/Matcher find()Z
java/util/regex/Matcher find(I)Z
java/util/regex/Matcher lookingAt()Z
java/util/regex/Matcher quoteReplacement(Ljava/lang/String;)Ljava/lang/String;
java/util/regex/Matcher appendReplacement(Ljava/lang/StringBuffer;Ljava/lang/String;)Ljava/util/regex/Matcher;
java/util/regex/Matcher appendTail(Ljava/lang/StringBuffer;)Ljava/lang/StringBuffer;
java/util/regex/Matcher replaceAll(Ljava/lang/String;)Ljava/lang/String;
java/util/regex/Matcher replaceFirst(Ljava/lang/String;)Ljava/lang/String;
java/util/regex/Matcher
region(II)Ljava/util/regex/Matcher;
java/util/regex/Matcher regionStart()I
java/util/regex/Matcher regionEnd()I
java/util/regex/Matcher hasTransparentBounds()Z
java/util/regex/Matcher useTransparentBounds(Z)Ljava/util/regex/Matcher;
java/util/regex/Matcher hasAnchoringBounds()Z
java/util/regex/Matcher useAnchoringBounds(Z)Ljava/util/regex/Matcher;
java/util/regex/Matcher toString()Ljava/lang/String;
java/util/regex/Matcher hitEnd()Z
java/util/regex/Matcher requireEnd()Z
java/util/regex/Matcher search(I)Z
java/util/regex/Matcher match(II)Z
java/util/regex/Matcher getTextLength()I
java/util/regex/Matcher getSubSequence(II)Ljava/lang/CharSequence;
java/util/regex/Matcher charAt(I)C
class java/util/regex/MatchResult java/lang/Object
java/util/regex/MatchResult start()I
java/util/regex/MatchResult start(I)I
java/util/regex/MatchResult end()I
java/util/regex/MatchResult end(I)I
java/util/regex/MatchResult group()Ljava/lang/String;
java/util/regex/MatchResult group(I)Ljava/lang/String;
java/util/regex/MatchResult
groupCount()I
class java/net/InetAddress$1 java/lang/Object
java/net/InetAddress$1 <init>()V
java/net/InetAddress$1 lookupAllHostAddr(Ljava/lang/String;)[[B
java/net/InetAddress$1 getHostByAddr([B)Ljava/lang/String;
class java/net/Inet4AddressImpl java/lang/Object
java/net/Inet4AddressImpl anyLocalAddress
java/net/Inet4AddressImpl loopbackAddress
java/net/Inet4AddressImpl <init>()V
java/net/Inet4AddressImpl getLocalHostName()Ljava/lang/String;
java/net/Inet4AddressImpl lookupAllHostAddr(Ljava/lang/String;)[[B
java/net/Inet4AddressImpl getHostByAddr([B)Ljava/lang/String;
java/net/Inet4AddressImpl isReachable0([BI[BI)Z

java/net/Inet4AddressImpl anyLocalAddress()Ljava/net/InetAddress;
java/net/Inet4AddressImpl loopbackAddress()Ljava/net/InetAddress;
java/net/Inet4AddressImpl isReachable(Ljava/net/InetAddress;ILjava/net/NetworkInterface;I)Z
class java/net/InetAddressImpl java/lang/Object
java/net/InetAddressImpl getLocalHostName()Ljava/lang/String;
java/net/InetAddressImpl
 lookupAllHostAddr(Ljava/lang/String;)[[B
java/net/InetAddressImpl getHostByAddr([B)Ljava/lang/String;
java/net/InetAddressImpl anyLocalAddress()Ljava/net/InetAddress;
java/net/InetAddressImpl loopbackAddress()Ljava/net/InetAddress;
java/net/InetAddressImpl isReachable(Ljava/net/InetAddress;ILjava/net/NetworkInterface;I)Z
class java/net/InetAddressImplFactory java/lang/Object
java/net/InetAddressImplFactory <init>()V
java/net/InetAddressImplFactory create()Ljava/net/InetAddressImpl;
java/net/InetAddressImplFactory isIPv6Supported()Z
class java/net/InetAddress$Cache java/lang/Object
java/net/InetAddress$Cache policy
java/net/InetAddress$Cache cache
java/net/InetAddress$Cache <init>(I)V
java/net/InetAddress$Cache put(Ljava/lang/String;Ljava/lang/Object;)Ljava/net/InetAddress$Cache;
java/net/InetAddress$Cache get(Ljava/lang/String;)Ljava/net/InetAddress$CacheEntry;
class java/net/InetAddress java/lang/Object
java/net/InetAddress IPv4
java/net/InetAddress IPv6
java/net/InetAddress preferIPv6Address
java/net/InetAddress
 hostName
java/net/InetAddress address
java/net/InetAddress family
java/net/InetAddress nameService
java/net/InetAddress canonicalHostName
java/net/InetAddress serialVersionUID
java/net/InetAddress addressCache
java/net/InetAddress negativeCache
java/net/InetAddress addressCacheInit
java/net/InetAddress unknown_array
java/net/InetAddress impl
java/net/InetAddress lookupTable
java/net/InetAddress $assertionsDisabled
java/net/InetAddress <init>()V
java/net/InetAddress readResolve()Ljava/lang/Object;
java/net/InetAddress isMulticastAddress()Z
java/net/InetAddress isAnyLocalAddress()Z
java/net/InetAddress isLoopbackAddress()Z
java/net/InetAddress isLinkLocalAddress()Z
java/net/InetAddress isSiteLocalAddress()Z
java/net/InetAddress isMCGlobal()Z
java/net/InetAddress isMCNodeLocal()Z

java/net/InetAddress isMCLinkLocal()Z
java/net/InetAddress isMCSiteLocal()Z
java/net/InetAddress isMCOrgLocal()Z
java/net/InetAddress isReachable(I)Z
java/net/InetAddress isReachable(Ljava/net/NetworkInterface;II)Z
java/net/InetAddress
getHostName()Ljava/lang/String;
java/net/InetAddress getHostName(Z)Ljava/lang/String;
java/net/InetAddress getCanonicalHostName()Ljava/lang/String;
java/net/InetAddress getHostFromNameService(Ljava/net/InetAddress;Z)Ljava/lang/String;
java/net/InetAddress getAddress()[B
java/net/InetAddress getHostAddress()Ljava/lang/String;
java/net/InetAddress hashCode()I
java/net/InetAddress equals(Ljava/lang/Object;)Z
java/net/InetAddress toString()Ljava/lang/String;
java/net/InetAddress cacheInitIfNeeded()V
java/net/InetAddress cacheAddress(Ljava/lang/String;Ljava/lang/Object;Z)V
java/net/InetAddress getCachedAddress(Ljava/lang/String;)Ljava/lang/Object;
java/net/InetAddress getByAddress(Ljava/lang/String;[B)Ljava/net/InetAddress;
java/net/InetAddress getByName(Ljava/lang/String;)Ljava/net/InetAddress;
java/net/InetAddress getAllByName(Ljava/lang/String;)[Ljava/net/InetAddress;
java/net/InetAddress checkNumericZone(Ljava/lang/String;)I
java/net/InetAddress
getAllByName0(Ljava/lang/String;)[Ljava/net/InetAddress;
java/net/InetAddress getAllByName0(Ljava/lang/String;Z)[Ljava/net/InetAddress;
java/net/InetAddress getAddressFromNameService(Ljava/lang/String;)Ljava/lang/Object;
java/net/InetAddress checkLookupTable(Ljava/lang/String;)Ljava/lang/Object;
java/net/InetAddress updateLookupTable(Ljava/lang/String;)V
java/net/InetAddress getByAddress([B)Ljava/net/InetAddress;
java/net/InetAddress getLocalHost()Ljava/net/InetAddress;
java/net/InetAddress init()V
java/net/InetAddress anyLocalAddress()Ljava/net/InetAddress;
java/net/InetAddress loadImpl(Ljava/lang/String;)Ljava/lang/Object;
java/net/InetAddress access$002(Lsun/net/spi/nameservice/NameService;)Lsun/net/spi/nameservice/NameService;
java/net/InetAddress <clinit>()V
class java/net/Socket java/lang/Object
java/net/Socket created
java/net/Socket bound
java/net/Socket connected
java/net/Socket closed
java/net/Socket closeLock
java/net/Socket shutIn
java/net/Socket shutOut
java/net/Socket
impl
java/net/Socket oldImpl
java/net/Socket factory
java/net/Socket <init>()V

java/net/Socket <init>(Ljava/net/Proxy;)V
java/net/Socket <init>(Ljava/net/SocketImpl;)V
java/net/Socket <init>(Ljava/lang/String;I)V
java/net/Socket <init>(Ljava/net/InetAddress;I)V
java/net/Socket <init>(Ljava/lang/String;ILjava/net/InetAddress;I)V
java/net/Socket <init>(Ljava/net/InetAddress;ILjava/net/InetAddress;I)V
java/net/Socket <init>(Ljava/lang/String;IZ)V
java/net/Socket <init>(Ljava/net/InetAddress;IZ)V
java/net/Socket <init>(Ljava/net/SocketAddress;Ljava/net/SocketAddress;Z)V
java/net/Socket createImpl(Z)V
java/net/Socket checkOldImpl()V
java/net/Socket setImpl()V
java/net/Socket getImpl()Ljava/net/SocketImpl;
java/net/Socket connect(Ljava/net/SocketAddress;)V
java/net/Socket connect(Ljava/net/SocketAddress;I)V
java/net/Socket bind(Ljava/net/SocketAddress;)V
java/net/Socket postAccept()V
java/net/Socket setCreated()V
java/net/Socket setBound()V
java/net/Socket setConnected()V
java/net/Socket
getInetAddress()Ljava/net/InetAddress;
java/net/Socket getLocalAddress()Ljava/net/InetAddress;
java/net/Socket getPort()I
java/net/Socket getLocalPort()I
java/net/Socket getRemoteSocketAddress()Ljava/net/SocketAddress;
java/net/Socket getLocalSocketAddress()Ljava/net/SocketAddress;
java/net/Socket getChannel()Ljava/nio/channels/SocketChannel;
java/net/Socket getInputStream()Ljava/io/InputStream;
java/net/Socket getOutputStream()Ljava/io/OutputStream;
java/net/Socket setTcpNoDelay(Z)V
java/net/Socket getTcpNoDelay()Z
java/net/Socket setSoLinger(ZI)V
java/net/Socket getSoLinger()I
java/net/Socket sendUrgentData(I)V
java/net/Socket setOOBInline(Z)V
java/net/Socket getOOBInline()Z
java/net/Socket setSoTimeout(I)V
java/net/Socket getSoTimeout()I
java/net/Socket setSendBufferSize(I)V
java/net/Socket getSendBufferSize()I
java/net/Socket setReceiveBufferSize(I)V
java/net/Socket getReceiveBufferSize()I
java/net/Socket setKeepAlive(Z)V
java/net/Socket getKeepAlive()Z
java/net/Socket
setTrafficClass(I)V
java/net/Socket getTrafficClass()I

java/net/Socket setReuseAddress(Z)V
java/net/Socket getReuseAddress()Z
java/net/Socket close()V
java/net/Socket shutdownInput()V
java/net/Socket shutdownOutput()V
java/net/Socket toString()Ljava/lang/String;
java/net/Socket isConnected()Z
java/net/Socket isBound()Z
java/net/Socket isClosed()Z
java/net/Socket isInputShutdown()Z
java/net/Socket isOutputShutdown()Z
java/net/Socket setSocketImplFactory(Ljava/net/SocketImplFactory;)V
java/net/Socket setPerformancePreferences(III)V
java/net/Socket <clinit>()V
class java/text/Bidi java/lang/Object
java/text/Bidi dir
java/text/Bidi baselevel
java/text/Bidi length
java/text/Bidi runs
java/text/Bidi cws
java/text/Bidi DIRECTION_LEFT_TO_RIGHT
java/text/Bidi DIRECTION_RIGHT_TO_LEFT
java/text/Bidi DIRECTION_DEFAULT_LEFT_TO_RIGHT
java/text/Bidi DIRECTION_DEFAULT_RIGHT_TO_LEFT
java/text/Bidi DIR_MIXED
java/text/Bidi NUMLEVELS
java/text/Bidi RMASK
java/text/Bidi <init>(Ljava/lang/String;I)V
java/text/Bidi
 <init>(Ljava/text/AttributedCharacterIterator;)V
java/text/Bidi <init>([CI[BIII)V
java/text/Bidi <init>(III[I[I)V
java/text/Bidi reset(III[I[I)V
java/text/Bidi createLineBidi(II)Ljava/text/Bidi;
java/text/Bidi isMixed()Z
java/text/Bidi isLeftToRight()Z
java/text/Bidi isRightToLeft()Z
java/text/Bidi getLength()I
java/text/Bidi baseIsLeftToRight()Z
java/text/Bidi getBaseLevel()I
java/text/Bidi getLevelAt(I)I
java/text/Bidi getRunCount()I
java/text/Bidi getRunLevel(I)I
java/text/Bidi getRunStart(I)I
java/text/Bidi getRunLimit(I)I
java/text/Bidi requiresBidi([CII)Z
java/text/Bidi reorderVisually([BI[Ljava/lang/Object;II)V
java/text/Bidi nativeGetDirectionCode(I)I

java/text/Bidi nativeBidiChars(Ljava/text/Bidi;[CI[BIII)V
java/text/Bidi toString()Ljava/lang/String;
java/text/Bidi <clinit>()V
class java/net/MalformedURLException java/io/IOException
java/net/MalformedURLException <init>()V
java/net/MalformedURLException <init>(Ljava/lang/String;)V
class java/net/Authenticator java/lang/Object
java/net/Authenticator
 theAuthenticator
java/net/Authenticator requestingHost
java/net/Authenticator requestingSite
java/net/Authenticator requestingPort
java/net/Authenticator requestingProtocol
java/net/Authenticator requestingPrompt
java/net/Authenticator requestingScheme
java/net/Authenticator requestingURL
java/net/Authenticator requestingAuthType
java/net/Authenticator <init>()V
java/net/Authenticator reset()V
java/net/Authenticator setDefault(Ljava/net/Authenticator;)V
java/net/Authenticator
requestPasswordAuthentication(Ljava/net/InetAddress;ILjava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/net/PasswordAuthentication;
java/net/Authenticator
requestPasswordAuthentication(Ljava/lang/String;Ljava/net/InetAddress;ILjava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/net/PasswordAuthentication;
java/net/Authenticator
requestPasswordAuthentication(Ljava/lang/String;Ljava/net/InetAddress;ILjava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/net/URL;Ljava/net/Authenticator$RequestorType;)Ljava/net/PasswordAuthentication;
java/net/Authenticator
 getRequestingHost()Ljava/lang/String;
java/net/Authenticator getRequestingSite()Ljava/net/InetAddress;
java/net/Authenticator getRequestingPort()I
java/net/Authenticator getRequestingProtocol()Ljava/lang/String;
java/net/Authenticator getRequestingPrompt()Ljava/lang/String;
java/net/Authenticator getRequestingScheme()Ljava/lang/String;
java/net/Authenticator getPasswordAuthentication()Ljava/net/PasswordAuthentication;
java/net/Authenticator getRequestingURL()Ljava/net/URL;
java/net/Authenticator getRequestorType()Ljava/net/Authenticator$RequestorType;
class java/io/FileWriter java/io/OutputStreamWriter
java/io/FileWriter <init>(Ljava/lang/String;)V
java/io/FileWriter <init>(Ljava/lang/String;Z)V
java/io/FileWriter <init>(Ljava/io/File;)V
java/io/FileWriter <init>(Ljava/io/File;Z)V
java/io/FileWriter <init>(Ljava/io/FileDescriptor;)V
class java/lang/NumberFormatException java/lang/IllegalArgumentException
java/lang/NumberFormatException

serialVersionUID
java/lang/NumberFormatException <init>()V
java/lang/NumberFormatException <init>(Ljava/lang/String;)V
java/lang/NumberFormatException forInputString(Ljava/lang/String;)Ljava/lang/NumberFormatException;
class java/lang/IllegalArgumentException java/lang/RuntimeException
java/lang/IllegalArgumentException serialVersionUID
java/lang/IllegalArgumentException <init>()V
java/lang/IllegalArgumentException <init>(Ljava/lang/String;)V
java/lang/IllegalArgumentException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/IllegalArgumentException <init>(Ljava/lang/Throwable;)V
class java/io/FileReader java/io/InputStreamReader
java/io/FileReader <init>(Ljava/lang/String;)V
java/io/FileReader <init>(Ljava/io/File;)V
java/io/FileReader <init>(Ljava/io/FileDescriptor;)V
class java/awt/event/KeyAdapter java/lang/Object
java/awt/event/KeyAdapter <init>()V
java/awt/event/KeyAdapter keyTyped(Ljava/awt/event/KeyEvent;)V
java/awt/event/KeyAdapter
keyPressed(Ljava/awt/event/KeyEvent;)V
java/awt/event/KeyAdapter keyReleased(Ljava/awt/event/KeyEvent;)V
class java/io/BufferedReader java/io/Reader
java/io/BufferedReader in
java/io/BufferedReader cb
java/io/BufferedReader nChars
java/io/BufferedReader nextChar
java/io/BufferedReader INVALIDATED
java/io/BufferedReader UNMARKED
java/io/BufferedReader markedChar
java/io/BufferedReader readAheadLimit
java/io/BufferedReader skipLF
java/io/BufferedReader markedSkipLF
java/io/BufferedReader defaultCharBufferSize
java/io/BufferedReader defaultExpectedLineLength
java/io/BufferedReader <init>(Ljava/io/Reader;I)V
java/io/BufferedReader <init>(Ljava/io/Reader;)V
java/io/BufferedReader ensureOpen()V
java/io/BufferedReader fill()V
java/io/BufferedReader read()I
java/io/BufferedReader read1([CII)I
java/io/BufferedReader read([CII)I
java/io/BufferedReader readLine(Z)Ljava/lang/String;
java/io/BufferedReader readLine()Ljava/lang/String;
java/io/BufferedReader skip(J)J
java/io/BufferedReader
ready()Z
java/io/BufferedReader markSupported()Z
java/io/BufferedReader mark(I)V
java/io/BufferedReader reset()V

java/io/BufferedReader close()V
java/io/BufferedReader <clinit>()V
class java/io/InputStreamReader java/io/Reader
java/io/InputStreamReader sd
java/io/InputStreamReader <init>(Ljava/io/InputStream;)V
java/io/InputStreamReader <init>(Ljava/io/InputStream;Ljava/lang/String;)V
java/io/InputStreamReader <init>(Ljava/io/InputStream;Ljava/nio/charset/Charset;)V
java/io/InputStreamReader <init>(Ljava/io/InputStream;Ljava/nio/charset/CharsetDecoder;)V
java/io/InputStreamReader getEncoding()Ljava/lang/String;
java/io/InputStreamReader read()I
java/io/InputStreamReader read([CII)I
java/io/InputStreamReader ready()Z
java/io/InputStreamReader close()V
class java/io/Reader java/lang/Object
java/io/Reader lock
java/io/Reader maxSkipBufferSize
java/io/Reader skipBuffer
java/io/Reader <init>()V
java/io/Reader <init>(Ljava/lang/Object;)V
java/io/Reader read(Ljava/nio/CharBuffer;)I
java/io/Reader
 read()I
java/io/Reader read([C)I
java/io/Reader read([CII)I
java/io/Reader skip(J)J
java/io/Reader ready()Z
java/io/Reader markSupported()Z
java/io/Reader mark(I)V
java/io/Reader reset()V
java/io/Reader close()V
class java/util/regex/Pattern$TreeInfo java/lang/Object
java/util/regex/Pattern$TreeInfo minLength
java/util/regex/Pattern$TreeInfo maxLength
java/util/regex/Pattern$TreeInfo maxValid
java/util/regex/Pattern$TreeInfo deterministic
java/util/regex/Pattern$TreeInfo <init>()V
java/util/regex/Pattern$TreeInfo reset()V
class java/util/regex/Pattern$Start java/util/regex/Pattern$Node
java/util/regex/Pattern$Start minLength
java/util/regex/Pattern$Start <init>(Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$Start match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Start study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$First java/util/regex/Pattern$Node
java/util/regex/Pattern$First atom
java/util/regex/Pattern$First
 <init>(Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$First match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$First study(Ljava/util/regex/Pattern$TreeInfo;)Z

class java/util/regex/Pattern$Begin java/util/regex/Pattern$Node
java/util/regex/Pattern$Begin <init>()V
java/util/regex/Pattern$Begin match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Slice java/util/regex/Pattern$Node
java/util/regex/Pattern$Slice buffer
java/util/regex/Pattern$Slice <init>([I)V
java/util/regex/Pattern$Slice match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Slice study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Curly java/util/regex/Pattern$Node
java/util/regex/Pattern$Curly atom
java/util/regex/Pattern$Curly type
java/util/regex/Pattern$Curly cmin
java/util/regex/Pattern$Curly cmax
java/util/regex/Pattern$Curly <init>(Ljava/util/regex/Pattern$Node;III)V
java/util/regex/Pattern$Curly
 match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Curly match0(Ljava/util/regex/Matcher;IILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Curly match1(Ljava/util/regex/Matcher;IILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Curly match2(Ljava/util/regex/Matcher;IILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Curly study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$JavaMirrored java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaMirrored <init>()V
java/util/regex/Pattern$JavaMirrored isProperty(I)Z
class java/util/regex/Pattern$JavaISOControl java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaISOControl <init>()V
java/util/regex/Pattern$JavaISOControl isProperty(I)Z
class java/util/regex/Pattern$JavaWhitespace java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaWhitespace <init>()V
java/util/regex/Pattern$JavaWhitespace isProperty(I)Z
class java/util/regex/Pattern$JavaSpaceChar
 java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaSpaceChar <init>()V
java/util/regex/Pattern$JavaSpaceChar isProperty(I)Z
class java/util/regex/Pattern$JavaIdentifierIgnorable java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaIdentifierIgnorable <init>()V
java/util/regex/Pattern$JavaIdentifierIgnorable isProperty(I)Z
class java/util/regex/Pattern$JavaUnicodeIdentifierPart java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaUnicodeIdentifierPart <init>()V
java/util/regex/Pattern$JavaUnicodeIdentifierPart isProperty(I)Z
class java/util/regex/Pattern$JavaUnicodeIdentifierStart java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaUnicodeIdentifierStart <init>()V
java/util/regex/Pattern$JavaUnicodeIdentifierStart isProperty(I)Z
class java/util/regex/Pattern$JavaJavaIdentifierPart java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaJavaIdentifierPart <init>()V
java/util/regex/Pattern$JavaJavaIdentifierPart
 isProperty(I)Z
class java/util/regex/Pattern$JavaJavaIdentifierStart java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaJavaIdentifierStart <init>()V

java/util/regex/Pattern$JavaJavaIdentifierStart isProperty(I)Z
class java/util/regex/Pattern$JavaLetterOrDigit java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaLetterOrDigit <init>()V
java/util/regex/Pattern$JavaLetterOrDigit isProperty(I)Z
class java/util/regex/Pattern$JavaLetter java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaLetter <init>()V
java/util/regex/Pattern$JavaLetter isProperty(I)Z
class java/util/regex/Pattern$JavaDefined java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaDefined <init>()V
java/util/regex/Pattern$JavaDefined isProperty(I)Z
class java/util/regex/Pattern$JavaDigit java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaDigit <init>()V
java/util/regex/Pattern$JavaDigit isProperty(I)Z
class java/util/regex/Pattern$JavaTitleCase java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaTitleCase
<init>()V
java/util/regex/Pattern$JavaTitleCase isProperty(I)Z
class java/util/regex/Pattern$JavaUpperCase java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaUpperCase <init>()V
java/util/regex/Pattern$JavaUpperCase isProperty(I)Z
class java/util/regex/Pattern$JavaLowerCase java/util/regex/Pattern$JavaTypeClass
java/util/regex/Pattern$JavaLowerCase <init>()V
java/util/regex/Pattern$JavaLowerCase isProperty(I)Z
class java/util/regex/Pattern$JavaTypeClass java/util/regex/Pattern$Node
java/util/regex/Pattern$JavaTypeClass <init>()V
java/util/regex/Pattern$JavaTypeClass dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$JavaTypeClass isProperty(I)Z
java/util/regex/Pattern$JavaTypeClass match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$JavaTypeClass study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Ctype java/util/regex/Pattern$Node
java/util/regex/Pattern$Ctype
ctype
java/util/regex/Pattern$Ctype <init>(I)V
java/util/regex/Pattern$Ctype dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$Ctype match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Ctype study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$All java/util/regex/Pattern$Node
java/util/regex/Pattern$All <init>()V
java/util/regex/Pattern$All dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$All match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$All study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Range java/util/regex/Pattern$Node
java/util/regex/Pattern$Range lower
java/util/regex/Pattern$Range upper
java/util/regex/Pattern$Range <init>()V
java/util/regex/Pattern$Range <init>(I)V
java/util/regex/Pattern$Range <init>(II)V
java/util/regex/Pattern$Range dup(Z)Ljava/util/regex/Pattern$Node;

java/util/regex/Pattern$Range match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Range
 study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Category java/util/regex/Pattern$Node
java/util/regex/Pattern$Category atype
java/util/regex/Pattern$Category <init>(I)V
java/util/regex/Pattern$Category dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$Category match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Category study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$categoryNames java/lang/Object
java/util/regex/Pattern$categoryNames cMap
java/util/regex/Pattern$categoryNames <init>()V
java/util/regex/Pattern$categoryNames <clinit>()V
class java/util/regex/Pattern$Single java/util/regex/Pattern$Node
java/util/regex/Pattern$Single ch
java/util/regex/Pattern$Single len
java/util/regex/Pattern$Single <init>(I)V
java/util/regex/Pattern$Single dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$Single match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Single
 study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Branch java/util/regex/Pattern$Node
java/util/regex/Pattern$Branch prev
java/util/regex/Pattern$Branch <init>(Ljava/util/regex/Pattern$Node;Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern$Branch match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Branch study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$Dummy java/util/regex/Pattern$Node
java/util/regex/Pattern$Dummy <init>()V
java/util/regex/Pattern$Dummy match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Ques java/util/regex/Pattern$Node
java/util/regex/Pattern$Ques atom
java/util/regex/Pattern$Ques type
java/util/regex/Pattern$Ques <init>(Ljava/util/regex/Pattern$Node;I)V
java/util/regex/Pattern$Ques match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Ques study(Ljava/util/regex/Pattern$TreeInfo;)Z
class
 java/util/regex/Pattern$BitClass java/util/regex/Pattern$Node
java/util/regex/Pattern$BitClass bits
java/util/regex/Pattern$BitClass complementMe
java/util/regex/Pattern$BitClass <init>(Z)V
java/util/regex/Pattern$BitClass <init>([ZZ)V
java/util/regex/Pattern$BitClass add(II)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$BitClass dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$BitClass match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$BitClass study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern$GroupTail java/util/regex/Pattern$Node
java/util/regex/Pattern$GroupTail localIndex
java/util/regex/Pattern$GroupTail groupIndex

java/util/regex/Pattern$GroupTail <init>(II)V
java/util/regex/Pattern$GroupTail match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$GroupHead java/util/regex/Pattern$Node
java/util/regex/Pattern$GroupHead localIndex
java/util/regex/Pattern$GroupHead
 <init>(I)V
java/util/regex/Pattern$GroupHead match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$GroupHead matchRef(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$LastNode java/util/regex/Pattern$Node
java/util/regex/Pattern$LastNode <init>()V
java/util/regex/Pattern$LastNode match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
class java/util/regex/Pattern$Node java/lang/Object
java/util/regex/Pattern$Node next
java/util/regex/Pattern$Node <init>()V
java/util/regex/Pattern$Node dup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern$Node match(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern$Node study(Ljava/util/regex/Pattern$TreeInfo;)Z
class java/util/regex/Pattern java/lang/Object
java/util/regex/Pattern UNIX_LINES
java/util/regex/Pattern CASE_INSENSITIVE
java/util/regex/Pattern COMMENTS
java/util/regex/Pattern MULTILINE
java/util/regex/Pattern LITERAL
java/util/regex/Pattern
 DOTALL
java/util/regex/Pattern UNICODE_CASE
java/util/regex/Pattern CANON_EQ
java/util/regex/Pattern serialVersionUID
java/util/regex/Pattern pattern
java/util/regex/Pattern flags
java/util/regex/Pattern compiled
java/util/regex/Pattern normalizedPattern
java/util/regex/Pattern root
java/util/regex/Pattern matchRoot
java/util/regex/Pattern buffer
java/util/regex/Pattern groupNodes
java/util/regex/Pattern temp
java/util/regex/Pattern capturingGroupCount
java/util/regex/Pattern localCount
java/util/regex/Pattern cursor
java/util/regex/Pattern patternLength
java/util/regex/Pattern MAX_REPS
java/util/regex/Pattern GREEDY
java/util/regex/Pattern LAZY
java/util/regex/Pattern POSSESSIVE
java/util/regex/Pattern INDEPENDENT
java/util/regex/Pattern accept
java/util/regex/Pattern lastAccept

java/util/regex/Pattern $assertionsDisabled
java/util/regex/Pattern compile(Ljava/lang/String;)Ljava/util/regex/Pattern;
java/util/regex/Pattern compile(Ljava/lang/String;I)Ljava/util/regex/Pattern;
java/util/regex/Pattern
pattern()Ljava/lang/String;
java/util/regex/Pattern toString()Ljava/lang/String;
java/util/regex/Pattern matcher(Ljava/lang/CharSequence;)Ljava/util/regex/Matcher;
java/util/regex/Pattern flags()I
java/util/regex/Pattern matches(Ljava/lang/String;Ljava/lang/CharSequence;)Z
java/util/regex/Pattern split(Ljava/lang/CharSequence;I)[Ljava/lang/String;
java/util/regex/Pattern split(Ljava/lang/CharSequence;)[Ljava/lang/String;
java/util/regex/Pattern quote(Ljava/lang/String;)Ljava/lang/String;
java/util/regex/Pattern readObject(Ljava/io/ObjectInputStream;)V
java/util/regex/Pattern <init>(Ljava/lang/String;I)V
java/util/regex/Pattern normalize()V
java/util/regex/Pattern normalizeCharClass(Ljava/lang/StringBuilder;I)I
java/util/regex/Pattern produceEquivalentAlternation(Ljava/lang/String;)Ljava/lang/String;
java/util/regex/Pattern producePermutations(Ljava/lang/String;)[Ljava/lang/String;
java/util/regex/Pattern getClass(I)I
java/util/regex/Pattern composeOneStep(Ljava/lang/String;)Ljava/lang/String;
java/util/regex/Pattern
compile()V
java/util/regex/Pattern printObjectTree(Ljava/util/regex/Pattern$Node;)V
java/util/regex/Pattern has(I)Z
java/util/regex/Pattern accept(ILjava/lang/String;)V
java/util/regex/Pattern mark(I)V
java/util/regex/Pattern peek()I
java/util/regex/Pattern read()I
java/util/regex/Pattern readEscaped()I
java/util/regex/Pattern next()I
java/util/regex/Pattern nextEscaped()I
java/util/regex/Pattern peekPastWhitespace(I)I
java/util/regex/Pattern parsePastWhitespace(I)I
java/util/regex/Pattern parsePastLine()I
java/util/regex/Pattern peekPastLine()I
java/util/regex/Pattern isLineSeparator(I)Z
java/util/regex/Pattern skip()I
java/util/regex/Pattern unread()V
java/util/regex/Pattern error(Ljava/lang/String;)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern findSupplementary(II)Z
java/util/regex/Pattern isSupplementary(I)Z
java/util/regex/Pattern expr(Ljava/util/regex/Pattern$Node;)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern
sequence(Ljava/util/regex/Pattern$Node;)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern atom()Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern append(II)V
java/util/regex/Pattern ref(I)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern escape(ZZ)I

java/util/regex/Pattern clazz(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern range(Ljava/util/regex/Pattern$BitClass;)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern single()I
java/util/regex/Pattern family(ZZ)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern retrieveFamilyNode(Ljava/lang/String;Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern retrieveCategoryNode(Ljava/lang/String;)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern familyError(Ljava/lang/String;Ljava/lang/String;)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern group0()Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern createGroup(Z)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern addFlag()V
java/util/regex/Pattern
 subFlag()V
java/util/regex/Pattern closure(Ljava/util/regex/Pattern$Node;)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern c()I
java/util/regex/Pattern o()I
java/util/regex/Pattern x()I
java/util/regex/Pattern u()I
java/util/regex/Pattern isSurrogate(I)Z
java/util/regex/Pattern countChars(Ljava/lang/CharSequence;II)I
java/util/regex/Pattern countCodePoints(Ljava/lang/CharSequence;)I
java/util/regex/Pattern newSingle(I)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern newSlice([IIZ)Ljava/util/regex/Pattern$Node;
java/util/regex/Pattern hasBaseCharacter(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern access$000(Ljava/lang/CharSequence;II)I
java/util/regex/Pattern access$100(Ljava/util/regex/Matcher;ILjava/lang/CharSequence;)Z
java/util/regex/Pattern <clinit>()V
class java/util/concurrent/ConcurrentHashMap$HashEntry java/lang/Object
java/util/concurrent/ConcurrentHashMap$HashEntry key
java/util/concurrent/ConcurrentHashMap$HashEntry
 hash
java/util/concurrent/ConcurrentHashMap$HashEntry value
java/util/concurrent/ConcurrentHashMap$HashEntry next
java/util/concurrent/ConcurrentHashMap$HashEntry
<init>(Ljava/lang/Object;ILjava/util/concurrent/ConcurrentHashMap$HashEntry;Ljava/lang/Object;)V
class java/util/concurrent/locks/AbstractQueuedSynchronizer$Node java/lang/Object
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node CANCELLED
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node SIGNAL
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node CONDITION
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node SHARED
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node EXCLUSIVE
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node waitStatus
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node prev
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node next
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node thread
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node
 nextWaiter
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node isShared()Z
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node

predecessor()Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node <init>()V
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node
<init>(Ljava/lang/Thread;Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)V
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node <init>(Ljava/lang/Thread;I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer$Node <clinit>()V
class java/util/concurrent/locks/ReentrantLock$NonfairSync java/util/concurrent/locks/ReentrantLock$Sync
java/util/concurrent/locks/ReentrantLock$NonfairSync <init>()V
java/util/concurrent/locks/ReentrantLock$NonfairSync lock()V
java/util/concurrent/locks/ReentrantLock$NonfairSync tryAcquire(I)Z
class java/util/concurrent/locks/ReentrantLock$Sync java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/locks/ReentrantLock$Sync
 owner
java/util/concurrent/locks/ReentrantLock$Sync <init>()V
java/util/concurrent/locks/ReentrantLock$Sync lock()V
java/util/concurrent/locks/ReentrantLock$Sync nonfairTryAcquire(I)Z
java/util/concurrent/locks/ReentrantLock$Sync tryRelease(I)Z
java/util/concurrent/locks/ReentrantLock$Sync isHeldExclusively()Z
java/util/concurrent/locks/ReentrantLock$Sync
newCondition()Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject;
java/util/concurrent/locks/ReentrantLock$Sync getOwner()Ljava/lang/Thread;
java/util/concurrent/locks/ReentrantLock$Sync getHoldCount()I
java/util/concurrent/locks/ReentrantLock$Sync isLocked()Z
java/util/concurrent/locks/ReentrantLock$Sync readObject(Ljava/io/ObjectInputStream;)V
class java/util/concurrent/locks/AbstractQueuedSynchronizer java/lang/Object
java/util/concurrent/locks/AbstractQueuedSynchronizer serialVersionUID
java/util/concurrent/locks/AbstractQueuedSynchronizer head
java/util/concurrent/locks/AbstractQueuedSynchronizer
 tail
java/util/concurrent/locks/AbstractQueuedSynchronizer state
java/util/concurrent/locks/AbstractQueuedSynchronizer unsafe
java/util/concurrent/locks/AbstractQueuedSynchronizer stateOffset
java/util/concurrent/locks/AbstractQueuedSynchronizer headOffset
java/util/concurrent/locks/AbstractQueuedSynchronizer tailOffset
java/util/concurrent/locks/AbstractQueuedSynchronizer waitStatusOffset
java/util/concurrent/locks/AbstractQueuedSynchronizer nextOffset
java/util/concurrent/locks/AbstractQueuedSynchronizer <init>()V
java/util/concurrent/locks/AbstractQueuedSynchronizer getState()I
java/util/concurrent/locks/AbstractQueuedSynchronizer setState(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer compareAndSetState(II)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
enq(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;
java/util/concurrent/locks/AbstractQueuedSynchronizer
addWaiter(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;
java/util/concurrent/locks/AbstractQueuedSynchronizer
setHead(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)V

java/util/concurrent/locks/AbstractQueuedSynchronizer
unparkSuccessor(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)V
java/util/concurrent/locks/AbstractQueuedSynchronizer
setHeadAndPropagate(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer
cancelAcquire(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)V
java/util/concurrent/locks/AbstractQueuedSynchronizer
shouldParkAfterFailedAcquire(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer selfInterrupt()V
java/util/concurrent/locks/AbstractQueuedSynchronizer
parkAndCheckInterrupt()Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
acquireQueued(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;I)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer doAcquireInterruptibly(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer doAcquireNanos(IJ)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer doAcquireShared(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer doAcquireSharedInterruptibly(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer doAcquireSharedNanos(IJ)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer tryAcquire(I)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer tryRelease(I)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer tryAcquireShared(I)I
java/util/concurrent/locks/AbstractQueuedSynchronizer tryReleaseShared(I)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer isHeldExclusively()Z
java/util/concurrent/locks/AbstractQueuedSynchronizer acquire(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer
acquireInterruptibly(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer tryAcquireNanos(IJ)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer release(I)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer acquireShared(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer acquireSharedInterruptibly(I)V
java/util/concurrent/locks/AbstractQueuedSynchronizer tryAcquireSharedNanos(IJ)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer releaseShared(I)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer hasQueuedThreads()Z
java/util/concurrent/locks/AbstractQueuedSynchronizer hasContended()Z
java/util/concurrent/locks/AbstractQueuedSynchronizer getFirstQueuedThread()Ljava/lang/Thread;
java/util/concurrent/locks/AbstractQueuedSynchronizer fullGetFirstQueuedThread()Ljava/lang/Thread;
java/util/concurrent/locks/AbstractQueuedSynchronizer isQueued(Ljava/lang/Thread;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer getQueueLength()I
java/util/concurrent/locks/AbstractQueuedSynchronizer
getQueuedThreads()Ljava/util/Collection;
java/util/concurrent/locks/AbstractQueuedSynchronizer getExclusiveQueuedThreads()Ljava/util/Collection;
java/util/concurrent/locks/AbstractQueuedSynchronizer getSharedQueuedThreads()Ljava/util/Collection;
java/util/concurrent/locks/AbstractQueuedSynchronizer toString()Ljava/lang/String;
java/util/concurrent/locks/AbstractQueuedSynchronizer
isOnSyncQueue(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
findNodeFromTail(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Z

java/util/concurrent/locks/AbstractQueuedSynchronizer
transferForSignal(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
transferAfterCancelledWait(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
fullyRelease(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)I
java/util/concurrent/locks/AbstractQueuedSynchronizer
owns(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
hasWaiters(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
getWaitQueueLength(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject;)I
java/util/concurrent/locks/AbstractQueuedSynchronizer
getWaitingThreads(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$ConditionObject;)Ljava/util/Collectio
n;
java/util/concurrent/locks/AbstractQueuedSynchronizer
compareAndSetHead(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
compareAndSetTail(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;Ljava/util/concurrent/locks/Ab
stractQueuedSynchronizer$Node;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
compareAndSetWaitStatus(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;II)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer
compareAndSetNext(Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;Ljava/util/concurrent/locks/A
bstractQueuedSynchronizer$Node;Ljava/util/concurrent/locks/AbstractQueuedSynchronizer$Node;)Z
java/util/concurrent/locks/AbstractQueuedSynchronizer access$000()V
java/util/concurrent/locks/AbstractQueuedSynchronizer <clinit>()V
class java/util/concurrent/ConcurrentHashMap$Segment java/util/concurrent/locks/ReentrantLock
java/util/concurrent/ConcurrentHashMap$Segment serialVersionUID
java/util/concurrent/ConcurrentHashMap$Segment count
java/util/concurrent/ConcurrentHashMap$Segment modCount
java/util/concurrent/ConcurrentHashMap$Segment threshold
java/util/concurrent/ConcurrentHashMap$Segment table
java/util/concurrent/ConcurrentHashMap$Segment loadFactor
java/util/concurrent/ConcurrentHashMap$Segment <init>(IF)V
java/util/concurrent/ConcurrentHashMap$Segment
setTable([Ljava/util/concurrent/ConcurrentHashMap$HashEntry;)V
java/util/concurrent/ConcurrentHashMap$Segment
getFirst(I)Ljava/util/concurrent/ConcurrentHashMap$HashEntry;
java/util/concurrent/ConcurrentHashMap$Segment
readValueUnderLock(Ljava/util/concurrent/ConcurrentHashMap$HashEntry;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$Segment get(Ljava/lang/Object;I)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$Segment containsKey(Ljava/lang/Object;I)Z
java/util/concurrent/ConcurrentHashMap$Segment containsValue(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$Segment
replace(Ljava/lang/Object;ILjava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap$Segment
replace(Ljava/lang/Object;ILjava/lang/Object;)Ljava/lang/Object;

java/util/concurrent/ConcurrentHashMap$Segment put(Ljava/lang/Object;ILjava/lang/Object;Z)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$Segment rehash()V
java/util/concurrent/ConcurrentHashMap$Segment
remove(Ljava/lang/Object;ILjava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap$Segment clear()V
class java/util/concurrent/locks/ReentrantLock java/lang/Object
java/util/concurrent/locks/ReentrantLock serialVersionUID
java/util/concurrent/locks/ReentrantLock sync
java/util/concurrent/locks/ReentrantLock <init>()V
java/util/concurrent/locks/ReentrantLock <init>(Z)V
java/util/concurrent/locks/ReentrantLock lock()V
java/util/concurrent/locks/ReentrantLock lockInterruptibly()V
java/util/concurrent/locks/ReentrantLock tryLock()Z
java/util/concurrent/locks/ReentrantLock tryLock(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/locks/ReentrantLock unlock()V
java/util/concurrent/locks/ReentrantLock newCondition()Ljava/util/concurrent/locks/Condition;
java/util/concurrent/locks/ReentrantLock getHoldCount()I
java/util/concurrent/locks/ReentrantLock isHeldByCurrentThread()Z
java/util/concurrent/locks/ReentrantLock isLocked()Z
java/util/concurrent/locks/ReentrantLock
isFair()Z
java/util/concurrent/locks/ReentrantLock getOwner()Ljava/lang/Thread;
java/util/concurrent/locks/ReentrantLock hasQueuedThreads()Z
java/util/concurrent/locks/ReentrantLock hasQueuedThread(Ljava/lang/Thread;)Z
java/util/concurrent/locks/ReentrantLock getQueueLength()I
java/util/concurrent/locks/ReentrantLock getQueuedThreads()Ljava/util/Collection;
java/util/concurrent/locks/ReentrantLock hasWaiters(Ljava/util/concurrent/locks/Condition;)Z
java/util/concurrent/locks/ReentrantLock getWaitQueueLength(Ljava/util/concurrent/locks/Condition;)I
java/util/concurrent/locks/ReentrantLock
getWaitingThreads(Ljava/util/concurrent/locks/Condition;)Ljava/util/Collection;
java/util/concurrent/locks/ReentrantLock toString()Ljava/lang/String;
class java/util/concurrent/locks/Lock java/lang/Object
java/util/concurrent/locks/Lock lock()V
java/util/concurrent/locks/Lock lockInterruptibly()V
java/util/concurrent/locks/Lock tryLock()Z
java/util/concurrent/locks/Lock
tryLock(JLjava/util/concurrent/TimeUnit;)Z
java/util/concurrent/locks/Lock unlock()V
java/util/concurrent/locks/Lock newCondition()Ljava/util/concurrent/locks/Condition;
class java/util/concurrent/ConcurrentHashMap java/util/AbstractMap
java/util/concurrent/ConcurrentHashMap serialVersionUID
java/util/concurrent/ConcurrentHashMap DEFAULT_INITIAL_CAPACITY
java/util/concurrent/ConcurrentHashMap MAXIMUM_CAPACITY
java/util/concurrent/ConcurrentHashMap DEFAULT_LOAD_FACTOR
java/util/concurrent/ConcurrentHashMap DEFAULT_SEGMENTS
java/util/concurrent/ConcurrentHashMap MAX_SEGMENTS
java/util/concurrent/ConcurrentHashMap RETRIES_BEFORE_LOCK
java/util/concurrent/ConcurrentHashMap segmentMask

java/util/concurrent/ConcurrentHashMap segmentShift
java/util/concurrent/ConcurrentHashMap segments
java/util/concurrent/ConcurrentHashMap keySet
java/util/concurrent/ConcurrentHashMap entrySet
java/util/concurrent/ConcurrentHashMap values
java/util/concurrent/ConcurrentHashMap hash(Ljava/lang/Object;)I
java/util/concurrent/ConcurrentHashMap
 segmentFor(I)Ljava/util/concurrent/ConcurrentHashMap$Segment;
java/util/concurrent/ConcurrentHashMap <init>(IFI)V
java/util/concurrent/ConcurrentHashMap <init>(I)V
java/util/concurrent/ConcurrentHashMap <init>()V
java/util/concurrent/ConcurrentHashMap <init>(Ljava/util/Map;)V
java/util/concurrent/ConcurrentHashMap isEmpty()Z
java/util/concurrent/ConcurrentHashMap size()I
java/util/concurrent/ConcurrentHashMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap containsKey(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap containsValue(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap contains(Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap putIfAbsent(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap putAll(Ljava/util/Map;)V
java/util/concurrent/ConcurrentHashMap
 remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap remove(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap replace(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentHashMap replace(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentHashMap clear()V
java/util/concurrent/ConcurrentHashMap keySet()Ljava/util/Set;
java/util/concurrent/ConcurrentHashMap values()Ljava/util/Collection;
java/util/concurrent/ConcurrentHashMap entrySet()Ljava/util/Set;
java/util/concurrent/ConcurrentHashMap keys()Ljava/util/Enumeration;
java/util/concurrent/ConcurrentHashMap elements()Ljava/util/Enumeration;
java/util/concurrent/ConcurrentHashMap writeObject(Ljava/io/ObjectOutputStream;)V
java/util/concurrent/ConcurrentHashMap readObject(Ljava/io/ObjectInputStream;)V
java/util/concurrent/ConcurrentHashMap <clinit>()V
class java/util/concurrent/ConcurrentMap
 java/lang/Object
java/util/concurrent/ConcurrentMap putIfAbsent(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/ConcurrentMap remove(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentMap replace(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/ConcurrentMap replace(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
class java/security/Security$1 java/lang/Object
java/security/Security$1 <init>()V
java/security/Security$1 run()Ljava/lang/Object;
class java/security/Security java/lang/Object
java/security/Security sdebug
java/security/Security props
java/security/Security spiMap

java/security/Security initialize()V
java/security/Security initializeStatic()V
java/security/Security <init>()V
java/security/Security securityPropFile(Ljava/lang/String;)Ljava/io/File;
java/security/Security getProviderProperty(Ljava/lang/String;)Ljava/security/Security$ProviderProperty;
java/security/Security getProviderProperty(Ljava/lang/String;Ljava/security/Provider;)Ljava/lang/String;
java/security/Security
getAlgorithmProperty(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/security/Security insertProviderAt(Ljava/security/Provider;I)I
java/security/Security addProvider(Ljava/security/Provider;)I
java/security/Security removeProvider(Ljava/lang/String;)V
java/security/Security getProviders()[Ljava/security/Provider;
java/security/Security getProvider(Ljava/lang/String;)Ljava/security/Provider;
java/security/Security getProviders(Ljava/lang/String;)[Ljava/security/Provider;
java/security/Security getProviders(Ljava/util/Map;)[Ljava/security/Provider;
java/security/Security getSpiClass(Ljava/lang/String;)Ljava/lang/Class;
java/security/Security getImpl(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)[Ljava/lang/Object;
java/security/Security
getImpl(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/Object;)[Ljava/lang/Object;
java/security/Security getImpl(Ljava/lang/String;Ljava/lang/String;Ljava/security/Provider;)[Ljava/lang/Object;
java/security/Security
getImpl(Ljava/lang/String;Ljava/lang/String;Ljava/security/Provider;Ljava/lang/Object;)[Ljava/lang/Object;
java/security/Security getProperty(Ljava/lang/String;)Ljava/lang/String;
java/security/Security setProperty(Ljava/lang/String;Ljava/lang/String;)V
java/security/Security invalidateSMCache(Ljava/lang/String;)V
java/security/Security check(Ljava/lang/String;)V
java/security/Security
getAllQualifyingCandidates(Ljava/lang/String;Ljava/lang/String;[Ljava/security/Provider;)Ljava/util/LinkedHashSet;
java/security/Security
getProvidersNotUsingCache(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;[Ljava/security/Provider;)Ljava/util/LinkedHashSet;
java/security/Security
isCriterionSatisfied(Ljava/security/Provider;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Z
java/security/Security isStandardAttr(Ljava/lang/String;)Z
java/security/Security
isConstraintSatisfied(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Z
java/security/Security getFilterComponents(Ljava/lang/String;Ljava/lang/String;)[Ljava/lang/String;
java/security/Security getAlgorithms(Ljava/lang/String;)Ljava/util/Set;
java/security/Security access$000()V
java/security/Security <clinit>()V
class java/security/Provider$ServiceKey java/lang/Object
java/security/Provider$ServiceKey type
java/security/Provider$ServiceKey algorithm
java/security/Provider$ServiceKey originalAlgorithm
java/security/Provider$ServiceKey <init>(Ljava/lang/String;Ljava/lang/String;Z)V
java/security/Provider$ServiceKey hashCode()I

java/security/Provider$ServiceKey equals(Ljava/lang/Object;)Z
java/security/Provider$ServiceKey matches(Ljava/lang/String;Ljava/lang/String;)Z
java/security/Provider$ServiceKey <init>(Ljava/lang/String;Ljava/lang/String;ZLjava/security/Provider$1;)V
class java/security/Provider java/util/Properties
java/security/Provider serialVersionUID
java/security/Provider
 debug
java/security/Provider name
java/security/Provider info
java/security/Provider version
java/security/Provider entrySet
java/security/Provider entrySetCallCount
java/security/Provider legacyChanged
java/security/Provider servicesChanged
java/security/Provider legacyStrings
java/security/Provider serviceMap
java/security/Provider legacyMap
java/security/Provider serviceSet
java/security/Provider ALIAS_PREFIX
java/security/Provider ALIAS_PREFIX_LOWER
java/security/Provider ALIAS_LENGTH
java/security/Provider previousKey
java/security/Provider knownEngines
java/security/Provider <init>(Ljava/lang/String;DLjava/lang/String;)V
java/security/Provider getName()Ljava/lang/String;
java/security/Provider getVersion()D
java/security/Provider getInfo()Ljava/lang/String;
java/security/Provider toString()Ljava/lang/String;
java/security/Provider clear()V
java/security/Provider load(Ljava/io/InputStream;)V
java/security/Provider putAll(Ljava/util/Map;)V
java/security/Provider entrySet()Ljava/util/Set;
java/security/Provider
 keySet()Ljava/util/Set;
java/security/Provider values()Ljava/util/Collection;
java/security/Provider put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/security/Provider remove(Ljava/lang/Object;)Ljava/lang/Object;
java/security/Provider check(Ljava/lang/String;)V
java/security/Provider putId()V
java/security/Provider implPutAll(Ljava/util/Map;)V
java/security/Provider implRemove(Ljava/lang/Object;)Ljava/lang/Object;
java/security/Provider implPut(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/security/Provider implClear()V
java/security/Provider ensureLegacyParsed()V
java/security/Provider removeInvalidServices(Ljava/util/Map;)V
java/security/Provider getTypeAndAlgorithm(Ljava/lang/String;)[Ljava/lang/String;
java/security/Provider parseLegacyPut(Ljava/lang/String;Ljava/lang/String;)V
java/security/Provider getService(Ljava/lang/String;Ljava/lang/String;)Ljava/security/Provider$Service;

java/security/Provider getServices()Ljava/util/Set;
java/security/Provider
putService(Ljava/security/Provider$Service;)V
java/security/Provider putPropertyStrings(Ljava/security/Provider$Service;)V
java/security/Provider removePropertyStrings(Ljava/security/Provider$Service;)V
java/security/Provider removeService(Ljava/security/Provider$Service;)V
java/security/Provider implRemoveService(Ljava/security/Provider$Service;)V
java/security/Provider addEngine(Ljava/lang/String;ZZ)V
java/security/Provider getEngineName(Ljava/lang/String;)Ljava/lang/String;
java/security/Provider access$900(Ljava/lang/String;)Ljava/lang/String;
java/security/Provider access$1000()Ljava/util/Map;
java/security/Provider <clinit>()V
class java/lang/Package java/lang/Object
java/lang/Package pkgs
java/lang/Package urls
java/lang/Package mans
java/lang/Package pkgName
java/lang/Package specTitle
java/lang/Package specVersion
java/lang/Package specVendor
java/lang/Package implTitle
java/lang/Package implVersion
java/lang/Package implVendor
java/lang/Package
sealBase
java/lang/Package loader
java/lang/Package packageInfo
java/lang/Package getName()Ljava/lang/String;
java/lang/Package getSpecificationTitle()Ljava/lang/String;
java/lang/Package getSpecificationVersion()Ljava/lang/String;
java/lang/Package getSpecificationVendor()Ljava/lang/String;
java/lang/Package getImplementationTitle()Ljava/lang/String;
java/lang/Package getImplementationVersion()Ljava/lang/String;
java/lang/Package getImplementationVendor()Ljava/lang/String;
java/lang/Package isSealed()Z
java/lang/Package isSealed(Ljava/net/URL;)Z
java/lang/Package isCompatibleWith(Ljava/lang/String;)Z
java/lang/Package getPackage(Ljava/lang/String;)Ljava/lang/Package;
java/lang/Package getPackages()[Ljava/lang/Package;
java/lang/Package getPackage(Ljava/lang/Class;)Ljava/lang/Package;
java/lang/Package hashCode()I
java/lang/Package toString()Ljava/lang/String;
java/lang/Package getPackageInfo()Ljava/lang/Class;
java/lang/Package getAnnotation(Ljava/lang/Class;)Ljava/lang/annotation/Annotation;
java/lang/Package
isAnnotationPresent(Ljava/lang/Class;)Z
java/lang/Package getAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/Package getDeclaredAnnotations()[Ljava/lang/annotation/Annotation;

java/lang/Package
<init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;
Ljava/lang/String;Ljava/net/URL;Ljava/lang/ClassLoader;)V
java/lang/Package <init>(Ljava/lang/String;Ljava/util/jar/Manifest;Ljava/net/URL;Ljava/lang/ClassLoader;)V
java/lang/Package getSystemPackage(Ljava/lang/String;)Ljava/lang/Package;
java/lang/Package getSystemPackages()[Ljava/lang/Package;
java/lang/Package defineSystemPackage(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/Package;
java/lang/Package loadManifest(Ljava/lang/String;)Ljava/util/jar/Manifest;
java/lang/Package getSystemPackage0(Ljava/lang/String;)Ljava/lang/String;
java/lang/Package getSystemPackages0()[Ljava/lang/String;
java/lang/Package access$000()Ljava/util/Map;
java/lang/Package
access$100(Ljava/lang/String;)Ljava/util/jar/Manifest;
java/lang/Package access$200()Ljava/util/Map;
java/lang/Package
<init>(Ljava/lang/String;Ljava/util/jar/Manifest;Ljava/net/URL;Ljava/lang/ClassLoader;Ljava/lang/Package$1;)V
java/lang/Package access$400()Ljava/util/Map;
java/lang/Package <clinit>()V
class java/io/ByteArrayOutputStream java/io/OutputStream
java/io/ByteArrayOutputStream buf
java/io/ByteArrayOutputStream count
java/io/ByteArrayOutputStream <init>()V
java/io/ByteArrayOutputStream <init>(I)V
java/io/ByteArrayOutputStream write(I)V
java/io/ByteArrayOutputStream write([BII)V
java/io/ByteArrayOutputStream writeTo(Ljava/io/OutputStream;)V
java/io/ByteArrayOutputStream reset()V
java/io/ByteArrayOutputStream toByteArray()[B
java/io/ByteArrayOutputStream size()I
java/io/ByteArrayOutputStream toString()Ljava/lang/String;
java/io/ByteArrayOutputStream toString(Ljava/lang/String;)Ljava/lang/String;
java/io/ByteArrayOutputStream toString(I)Ljava/lang/String;
java/io/ByteArrayOutputStream
close()V
class java/util/jar/JarVerifier java/lang/Object
java/util/jar/JarVerifier debug
java/util/jar/JarVerifier verifiedSigners
java/util/jar/JarVerifier sigFileSigners
java/util/jar/JarVerifier sigFileData
java/util/jar/JarVerifier pendingBlocks
java/util/jar/JarVerifier signerCache
java/util/jar/JarVerifier parsingBlockOrSF
java/util/jar/JarVerifier parsingMeta
java/util/jar/JarVerifier anyToVerify
java/util/jar/JarVerifier baos
java/util/jar/JarVerifier manDig
java/util/jar/JarVerifier manifestRawBytes
java/util/jar/JarVerifier <init>([B)V

java/util/jar/JarVerifier beginEntry(Ljava/util/jar/JarEntry;Lsun/security/util/ManifestEntryVerifier;)V
java/util/jar/JarVerifier update(ILsun/security/util/ManifestEntryVerifier;)V
java/util/jar/JarVerifier update(I[BIILsun/security/util/ManifestEntryVerifier;)V
java/util/jar/JarVerifier processEntry(Lsun/security/util/ManifestEntryVerifier;)V
java/util/jar/JarVerifier getCerts(Ljava/lang/String;)[Ljava/security/cert/Certificate;
java/util/jar/JarVerifier
getCodeSigners(Ljava/lang/String;)[Ljava/security/CodeSigner;
java/util/jar/JarVerifier nothingToVerify()Z
java/util/jar/JarVerifier doneWithMeta()V
java/util/jar/JarVerifier <clinit>()V
class java/util/jar/Attributes$Name java/lang/Object
java/util/jar/Attributes$Name name
java/util/jar/Attributes$Name hashCode
java/util/jar/Attributes$Name MANIFEST_VERSION
java/util/jar/Attributes$Name SIGNATURE_VERSION
java/util/jar/Attributes$Name CONTENT_TYPE
java/util/jar/Attributes$Name CLASS_PATH
java/util/jar/Attributes$Name MAIN_CLASS
java/util/jar/Attributes$Name SEALED
java/util/jar/Attributes$Name EXTENSION_LIST
java/util/jar/Attributes$Name EXTENSION_NAME
java/util/jar/Attributes$Name EXTENSION_INSTALLATION
java/util/jar/Attributes$Name IMPLEMENTATION_TITLE
java/util/jar/Attributes$Name IMPLEMENTATION_VERSION
java/util/jar/Attributes$Name IMPLEMENTATION_VENDOR
java/util/jar/Attributes$Name IMPLEMENTATION_VENDOR_ID
java/util/jar/Attributes$Name IMPLEMENTATION_URL
java/util/jar/Attributes$Name
SPECIFICATION_TITLE
java/util/jar/Attributes$Name SPECIFICATION_VERSION
java/util/jar/Attributes$Name SPECIFICATION_VENDOR
java/util/jar/Attributes$Name <init>(Ljava/lang/String;)V
java/util/jar/Attributes$Name isValid(Ljava/lang/String;)Z
java/util/jar/Attributes$Name isValid(C)Z
java/util/jar/Attributes$Name isAlpha(C)Z
java/util/jar/Attributes$Name isDigit(C)Z
java/util/jar/Attributes$Name equals(Ljava/lang/Object;)Z
java/util/jar/Attributes$Name hashCode()I
java/util/jar/Attributes$Name toString()Ljava/lang/String;
java/util/jar/Attributes$Name <clinit>()V
class java/util/jar/Manifest$FastInputStream java/io/FilterInputStream
java/util/jar/Manifest$FastInputStream buf
java/util/jar/Manifest$FastInputStream count
java/util/jar/Manifest$FastInputStream pos
java/util/jar/Manifest$FastInputStream <init>(Ljava/io/InputStream;)V
java/util/jar/Manifest$FastInputStream <init>(Ljava/io/InputStream;I)V
java/util/jar/Manifest$FastInputStream read()I
java/util/jar/Manifest$FastInputStream

read([BII)I
java/util/jar/Manifest$FastInputStream readLine([BII)I
java/util/jar/Manifest$FastInputStream peek()B
java/util/jar/Manifest$FastInputStream readLine([B)I
java/util/jar/Manifest$FastInputStream skip(J)J
java/util/jar/Manifest$FastInputStream available()I
java/util/jar/Manifest$FastInputStream close()V
java/util/jar/Manifest$FastInputStream fill()V
class java/util/jar/Attributes java/lang/Object
java/util/jar/Attributes map
java/util/jar/Attributes <init>()V
java/util/jar/Attributes <init>(I)V
java/util/jar/Attributes <init>(Ljava/util/jar/Attributes;)V
java/util/jar/Attributes get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/jar/Attributes getValue(Ljava/lang/String;)Ljava/lang/String;
java/util/jar/Attributes getValue(Ljava/util/jar/Attributes$Name;)Ljava/lang/String;
java/util/jar/Attributes put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/jar/Attributes putValue(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/util/jar/Attributes
remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/jar/Attributes containsValue(Ljava/lang/Object;)Z
java/util/jar/Attributes containsKey(Ljava/lang/Object;)Z
java/util/jar/Attributes putAll(Ljava/util/Map;)V
java/util/jar/Attributes clear()V
java/util/jar/Attributes size()I
java/util/jar/Attributes isEmpty()Z
java/util/jar/Attributes keySet()Ljava/util/Set;
java/util/jar/Attributes values()Ljava/util/Collection;
java/util/jar/Attributes entrySet()Ljava/util/Set;
java/util/jar/Attributes equals(Ljava/lang/Object;)Z
java/util/jar/Attributes hashCode()I
java/util/jar/Attributes clone()Ljava/lang/Object;
java/util/jar/Attributes write(Ljava/io/DataOutputStream;)V
java/util/jar/Attributes writeMain(Ljava/io/DataOutputStream;)V
java/util/jar/Attributes read(Ljava/util/jar/Manifest$FastInputStream;[B)V
class java/io/ByteArrayInputStream java/io/InputStream
java/io/ByteArrayInputStream buf
java/io/ByteArrayInputStream pos
java/io/ByteArrayInputStream
mark
java/io/ByteArrayInputStream count
java/io/ByteArrayInputStream <init>([B)V
java/io/ByteArrayInputStream <init>([BII)V
java/io/ByteArrayInputStream read()I
java/io/ByteArrayInputStream read([BII)I
java/io/ByteArrayInputStream skip(J)J
java/io/ByteArrayInputStream available()I
java/io/ByteArrayInputStream markSupported()Z

java/io/ByteArrayInputStream mark(I)V
java/io/ByteArrayInputStream reset()V
java/io/ByteArrayInputStream close()V
class java/util/jar/Manifest java/lang/Object
java/util/jar/Manifest attr
java/util/jar/Manifest entries
java/util/jar/Manifest <init>()V
java/util/jar/Manifest <init>(Ljava/io/InputStream;)V
java/util/jar/Manifest <init>(Ljava/util/jar/Manifest;)V
java/util/jar/Manifest getMainAttributes()Ljava/util/jar/Attributes;
java/util/jar/Manifest getEntries()Ljava/util/Map;
java/util/jar/Manifest getAttributes(Ljava/lang/String;)Ljava/util/jar/Attributes;
java/util/jar/Manifest clear()V
java/util/jar/Manifest write(Ljava/io/OutputStream;)V
java/util/jar/Manifest
 make72Safe(Ljava/lang/StringBuffer;)V
java/util/jar/Manifest read(Ljava/io/InputStream;)V
java/util/jar/Manifest parseName([BI)Ljava/lang/String;
java/util/jar/Manifest toLower(I)I
java/util/jar/Manifest equals(Ljava/lang/Object;)Z
java/util/jar/Manifest hashCode()I
java/util/jar/Manifest clone()Ljava/lang/Object;
class java/awt/PrintGraphics java/lang/Object
java/awt/PrintGraphics getPrintJob()Ljava/awt/PrintJob;
class java/awt/print/PrinterGraphics java/lang/Object
java/awt/print/PrinterGraphics getPrinterJob()Ljava/awt/print/PrinterJob;
class java/nio/ByteBufferAsCharBufferB java/nio/CharBuffer
java/nio/ByteBufferAsCharBufferB bb
java/nio/ByteBufferAsCharBufferB offset
java/nio/ByteBufferAsCharBufferB $assertionsDisabled
java/nio/ByteBufferAsCharBufferB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsCharBufferB <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsCharBufferB slice()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferB duplicate()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferB
 asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferB ix(I)I
java/nio/ByteBufferAsCharBufferB get()C
java/nio/ByteBufferAsCharBufferB get(I)C
java/nio/ByteBufferAsCharBufferB put(C)Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferB put(IC)Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferB compact()Ljava/nio/CharBuffer;
java/nio/ByteBufferAsCharBufferB isDirect()Z
java/nio/ByteBufferAsCharBufferB isReadOnly()Z
java/nio/ByteBufferAsCharBufferB toString(II)Ljava/lang/String;
java/nio/ByteBufferAsCharBufferB subSequence(II)Ljava/lang/CharSequence;
java/nio/ByteBufferAsCharBufferB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsCharBufferB <clinit>()V

```
class java/nio/ByteBufferAsShortBufferB java/nio/ShortBuffer
java/nio/ByteBufferAsShortBufferB bb
java/nio/ByteBufferAsShortBufferB offset
java/nio/ByteBufferAsShortBufferB $assertionsDisabled
java/nio/ByteBufferAsShortBufferB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsShortBufferB
 <init>(Ljava/nio/ByteBuffer;IIIII)V
java/nio/ByteBufferAsShortBufferB slice()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferB duplicate()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferB asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferB ix(I)I
java/nio/ByteBufferAsShortBufferB get()S
java/nio/ByteBufferAsShortBufferB get(I)S
java/nio/ByteBufferAsShortBufferB put(S)Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferB put(IS)Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferB compact()Ljava/nio/ShortBuffer;
java/nio/ByteBufferAsShortBufferB isDirect()Z
java/nio/ByteBufferAsShortBufferB isReadOnly()Z
java/nio/ByteBufferAsShortBufferB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsShortBufferB <clinit>()V
class java/nio/ShortBuffer java/nio/Buffer
java/nio/ShortBuffer hb
java/nio/ShortBuffer offset
java/nio/ShortBuffer isReadOnly
java/nio/ShortBuffer <init>(IIII[SI)V
java/nio/ShortBuffer <init>(IIII)V
java/nio/ShortBuffer allocate(I)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer
 wrap([SII)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer wrap([S)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer slice()Ljava/nio/ShortBuffer;
java/nio/ShortBuffer duplicate()Ljava/nio/ShortBuffer;
java/nio/ShortBuffer asReadOnlyBuffer()Ljava/nio/ShortBuffer;
java/nio/ShortBuffer get()S
java/nio/ShortBuffer put(S)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer get(I)S
java/nio/ShortBuffer put(IS)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer get([SII)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer get([S)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer put(Ljava/nio/ShortBuffer;)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer put([SII)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer put([S)Ljava/nio/ShortBuffer;
java/nio/ShortBuffer hasArray()Z
java/nio/ShortBuffer array()[S
java/nio/ShortBuffer arrayOffset()I
java/nio/ShortBuffer compact()Ljava/nio/ShortBuffer;
java/nio/ShortBuffer isDirect()Z
java/nio/ShortBuffer toString()Ljava/lang/String;
```

java/nio/ShortBuffer hashCode()I
java/nio/ShortBuffer
 equals(Ljava/lang/Object;)Z
java/nio/ShortBuffer compareTo(Ljava/nio/ShortBuffer;)I
java/nio/ShortBuffer order()Ljava/nio/ByteOrder;
java/nio/ShortBuffer compareTo(Ljava/lang/Object;)I
class java/nio/ByteBufferAsIntBufferB java/nio/IntBuffer
java/nio/ByteBufferAsIntBufferB bb
java/nio/ByteBufferAsIntBufferB offset
java/nio/ByteBufferAsIntBufferB $assertionsDisabled
java/nio/ByteBufferAsIntBufferB <init>(Ljava/nio/ByteBuffer;)V
java/nio/ByteBufferAsIntBufferB <init>(Ljava/nio/ByteBuffer;IIII)V
java/nio/ByteBufferAsIntBufferB slice()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferB duplicate()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferB asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferB ix(I)I
java/nio/ByteBufferAsIntBufferB get()I
java/nio/ByteBufferAsIntBufferB get(I)I
java/nio/ByteBufferAsIntBufferB put(I)Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferB put(II)Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferB compact()Ljava/nio/IntBuffer;
java/nio/ByteBufferAsIntBufferB
 isDirect()Z
java/nio/ByteBufferAsIntBufferB isReadOnly()Z
java/nio/ByteBufferAsIntBufferB order()Ljava/nio/ByteOrder;
java/nio/ByteBufferAsIntBufferB <clinit>()V
class java/nio/IntBuffer java/nio/Buffer
java/nio/IntBuffer hb
java/nio/IntBuffer offset
java/nio/IntBuffer isReadOnly
java/nio/IntBuffer <init>(IIII[II)V
java/nio/IntBuffer <init>(IIII)V
java/nio/IntBuffer allocate(I)Ljava/nio/IntBuffer;
java/nio/IntBuffer wrap([III)Ljava/nio/IntBuffer;
java/nio/IntBuffer wrap([I)Ljava/nio/IntBuffer;
java/nio/IntBuffer slice()Ljava/nio/IntBuffer;
java/nio/IntBuffer duplicate()Ljava/nio/IntBuffer;
java/nio/IntBuffer asReadOnlyBuffer()Ljava/nio/IntBuffer;
java/nio/IntBuffer get()I
java/nio/IntBuffer put(I)Ljava/nio/IntBuffer;
java/nio/IntBuffer get(I)I
java/nio/IntBuffer put(II)Ljava/nio/IntBuffer;
java/nio/IntBuffer get([III)Ljava/nio/IntBuffer;
java/nio/IntBuffer get([I)Ljava/nio/IntBuffer;
java/nio/IntBuffer put(Ljava/nio/IntBuffer;)Ljava/nio/IntBuffer;
java/nio/IntBuffer
 put([III)Ljava/nio/IntBuffer;
java/nio/IntBuffer put([I)Ljava/nio/IntBuffer;

java/nio/IntBuffer hasArray()Z
java/nio/IntBuffer array()[I
java/nio/IntBuffer arrayOffset()I
java/nio/IntBuffer compact()Ljava/nio/IntBuffer;
java/nio/IntBuffer isDirect()Z
java/nio/IntBuffer toString()Ljava/lang/String;
java/nio/IntBuffer hashCode()I
java/nio/IntBuffer equals(Ljava/lang/Object;)Z
java/nio/IntBuffer compareTo(Ljava/nio/IntBuffer;)I
java/nio/IntBuffer order()Ljava/nio/ByteOrder;
java/nio/IntBuffer compareTo(Ljava/lang/Object;)I
class java/lang/Void java/lang/Object
java/lang/Void TYPE
java/lang/Void <init>()V
java/lang/Void <clinit>()V
class java/nio/DirectByteBuffer$Deallocator java/lang/Object
java/nio/DirectByteBuffer$Deallocator unsafe
java/nio/DirectByteBuffer$Deallocator address
java/nio/DirectByteBuffer$Deallocator capacity
java/nio/DirectByteBuffer$Deallocator $assertionsDisabled
java/nio/DirectByteBuffer$Deallocator <init>(JI)V
java/nio/DirectByteBuffer$Deallocator
 run()V
java/nio/DirectByteBuffer$Deallocator <init>(JILjava/nio/DirectByteBuffer$1;)V
java/nio/DirectByteBuffer$Deallocator <clinit>()V
class java/nio/DirectByteBuffer java/nio/MappedByteBuffer
java/nio/DirectByteBuffer unsafe
java/nio/DirectByteBuffer unaligned
java/nio/DirectByteBuffer viewedBuffer
java/nio/DirectByteBuffer cleaner
java/nio/DirectByteBuffer $assertionsDisabled
java/nio/DirectByteBuffer viewedBuffer()Ljava/lang/Object;
java/nio/DirectByteBuffer cleaner()Lsun/misc/Cleaner;
java/nio/DirectByteBuffer <init>(I)V
java/nio/DirectByteBuffer <init>(JI)V
java/nio/DirectByteBuffer <init>(IJLjava/lang/Runnable;)V
java/nio/DirectByteBuffer <init>(Lsun/nio/ch/DirectBuffer;IIII)V
java/nio/DirectByteBuffer slice()Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer duplicate()Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer asReadOnlyBuffer()Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer address()J
java/nio/DirectByteBuffer ix(I)J
java/nio/DirectByteBuffer get()B
java/nio/DirectByteBuffer
 get(I)B
java/nio/DirectByteBuffer get([BII)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer put(B)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer put(IB)Ljava/nio/ByteBuffer;

java/nio/DirectByteBuffer put(Ljava/nio/ByteBuffer;)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer put([BII)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer compact()Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer isDirect()Z
java/nio/DirectByteBuffer isReadOnly()Z
java/nio/DirectByteBuffer _get(I)B
java/nio/DirectByteBuffer _put(IB)V
java/nio/DirectByteBuffer getChar(J)C
java/nio/DirectByteBuffer getChar()C
java/nio/DirectByteBuffer getChar(I)C
java/nio/DirectByteBuffer putChar(JC)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putChar(C)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putChar(IC)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer asCharBuffer()Ljava/nio/CharBuffer;
java/nio/DirectByteBuffer getShort(J)S
java/nio/DirectByteBuffer getShort()S
java/nio/DirectByteBuffer getShort(I)S
java/nio/DirectByteBuffer
putShort(JS)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putShort(S)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putShort(IS)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer asShortBuffer()Ljava/nio/ShortBuffer;
java/nio/DirectByteBuffer getInt(J)I
java/nio/DirectByteBuffer getInt()I
java/nio/DirectByteBuffer getInt(I)I
java/nio/DirectByteBuffer putInt(JI)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putInt(I)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putInt(II)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer asIntBuffer()Ljava/nio/IntBuffer;
java/nio/DirectByteBuffer getLong(J)J
java/nio/DirectByteBuffer getLong()J
java/nio/DirectByteBuffer getLong(I)J
java/nio/DirectByteBuffer putLong(JJ)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putLong(J)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putLong(IJ)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer asLongBuffer()Ljava/nio/LongBuffer;
java/nio/DirectByteBuffer getFloat(J)F
java/nio/DirectByteBuffer getFloat()F
java/nio/DirectByteBuffer
getFloat(I)F
java/nio/DirectByteBuffer putFloat(JF)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putFloat(F)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putFloat(IF)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer asFloatBuffer()Ljava/nio/FloatBuffer;
java/nio/DirectByteBuffer getDouble(J)D
java/nio/DirectByteBuffer getDouble()D
java/nio/DirectByteBuffer getDouble(I)D
java/nio/DirectByteBuffer putDouble(JD)Ljava/nio/ByteBuffer;

java/nio/DirectByteBuffer putDouble(D)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer putDouble(ID)Ljava/nio/ByteBuffer;
java/nio/DirectByteBuffer asDoubleBuffer()Ljava/nio/DoubleBuffer;
java/nio/DirectByteBuffer <clinit>()V
class java/nio/MappedByteBuffer java/nio/ByteBuffer
java/nio/MappedByteBuffer isAMappedBuffer
java/nio/MappedByteBuffer <init>(IIIIZ)V
java/nio/MappedByteBuffer <init>(IIII)V
java/nio/MappedByteBuffer checkMapped()V
java/nio/MappedByteBuffer isLoaded()Z
java/nio/MappedByteBuffer load()Ljava/nio/MappedByteBuffer;
java/nio/MappedByteBuffer
 force()Ljava/nio/MappedByteBuffer;
java/nio/MappedByteBuffer isLoaded0(JJ)Z
java/nio/MappedByteBuffer load0(JJI)I
java/nio/MappedByteBuffer force0(JJ)V
class java/lang/Thread$State java/lang/Enum
java/lang/Thread$State NEW
java/lang/Thread$State RUNNABLE
java/lang/Thread$State BLOCKED
java/lang/Thread$State WAITING
java/lang/Thread$State TIMED_WAITING
java/lang/Thread$State TERMINATED
java/lang/Thread$State $VALUES
java/lang/Thread$State values()[Ljava/lang/Thread$State;
java/lang/Thread$State valueOf(Ljava/lang/String;)Ljava/lang/Thread$State;
java/lang/Thread$State <init>(Ljava/lang/String;I)V
java/lang/Thread$State <clinit>()V
class java/lang/Enum java/lang/Object
java/lang/Enum name
java/lang/Enum ordinal
java/lang/Enum name()Ljava/lang/String;
java/lang/Enum ordinal()I
java/lang/Enum <init>(Ljava/lang/String;I)V
java/lang/Enum toString()Ljava/lang/String;
java/lang/Enum equals(Ljava/lang/Object;)Z
java/lang/Enum hashCode()I
java/lang/Enum clone()Ljava/lang/Object;
java/lang/Enum
 compareTo(Ljava/lang/Enum;)I
java/lang/Enum getDeclaringClass()Ljava/lang/Class;
java/lang/Enum valueOf(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Enum;
java/lang/Enum compareTo(Ljava/lang/Object;)I
class java/nio/channels/spi/AbstractInterruptibleChannel$1 java/lang/Object
java/nio/channels/spi/AbstractInterruptibleChannel$1 this$0
java/nio/channels/spi/AbstractInterruptibleChannel$1
<init>(Ljava/nio/channels/spi/AbstractInterruptibleChannel;)V
java/nio/channels/spi/AbstractInterruptibleChannel$1 interrupt()V

class java/nio/channels/FileChannel java/nio/channels/spi/AbstractInterruptibleChannel
java/nio/channels/FileChannel <init>()V
java/nio/channels/FileChannel read(Ljava/nio/ByteBuffer;)I
java/nio/channels/FileChannel read([Ljava/nio/ByteBuffer;II)J
java/nio/channels/FileChannel read([Ljava/nio/ByteBuffer;)J
java/nio/channels/FileChannel write(Ljava/nio/ByteBuffer;)I
java/nio/channels/FileChannel write([Ljava/nio/ByteBuffer;II)J
java/nio/channels/FileChannel
write([Ljava/nio/ByteBuffer;)J
java/nio/channels/FileChannel position()J
java/nio/channels/FileChannel position(J)Ljava/nio/channels/FileChannel;
java/nio/channels/FileChannel size()J
java/nio/channels/FileChannel truncate(J)Ljava/nio/channels/FileChannel;
java/nio/channels/FileChannel force(Z)V
java/nio/channels/FileChannel transferTo(JJLjava/nio/channels/WritableByteChannel;)J
java/nio/channels/FileChannel transferFrom(Ljava/nio/channels/ReadableByteChannel;JJ)J
java/nio/channels/FileChannel read(Ljava/nio/ByteBuffer;J)I
java/nio/channels/FileChannel write(Ljava/nio/ByteBuffer;J)I
java/nio/channels/FileChannel map(Ljava/nio/channels/FileChannel$MapMode;JJ)Ljava/nio/MappedByteBuffer;
java/nio/channels/FileChannel lock(JJZ)Ljava/nio/channels/FileLock;
java/nio/channels/FileChannel lock()Ljava/nio/channels/FileLock;
java/nio/channels/FileChannel tryLock(JJZ)Ljava/nio/channels/FileLock;
java/nio/channels/FileChannel tryLock()Ljava/nio/channels/FileLock;
class java/nio/channels/spi/AbstractInterruptibleChannel
java/lang/Object
java/nio/channels/spi/AbstractInterruptibleChannel closeLock
java/nio/channels/spi/AbstractInterruptibleChannel open
java/nio/channels/spi/AbstractInterruptibleChannel interruptor
java/nio/channels/spi/AbstractInterruptibleChannel interrupted
java/nio/channels/spi/AbstractInterruptibleChannel <init>()V
java/nio/channels/spi/AbstractInterruptibleChannel close()V
java/nio/channels/spi/AbstractInterruptibleChannel implCloseChannel()V
java/nio/channels/spi/AbstractInterruptibleChannel isOpen()Z
java/nio/channels/spi/AbstractInterruptibleChannel begin()V
java/nio/channels/spi/AbstractInterruptibleChannel end(Z)V
java/nio/channels/spi/AbstractInterruptibleChannel blockedOn(Lsun/nio/ch/Interruptible;)V
java/nio/channels/spi/AbstractInterruptibleChannel
access$000(Ljava/nio/channels/spi/AbstractInterruptibleChannel;)Ljava/lang/Object;
java/nio/channels/spi/AbstractInterruptibleChannel
access$100(Ljava/nio/channels/spi/AbstractInterruptibleChannel;)Z
java/nio/channels/spi/AbstractInterruptibleChannel
access$202(Ljava/nio/channels/spi/AbstractInterruptibleChannel;Z)Z
java/nio/channels/spi/AbstractInterruptibleChannel
access$102(Ljava/nio/channels/spi/AbstractInterruptibleChannel;Z)Z
class java/nio/channels/InterruptibleChannel java/lang/Object
java/nio/channels/InterruptibleChannel close()V
class java/nio/channels/ScatteringByteChannel java/lang/Object
java/nio/channels/ScatteringByteChannel read([Ljava/nio/ByteBuffer;II)J

java/nio/channels/ScatteringByteChannel read([Ljava/nio/ByteBuffer;)J
class java/nio/channels/GatheringByteChannel java/lang/Object
java/nio/channels/GatheringByteChannel write([Ljava/nio/ByteBuffer;II)J
java/nio/channels/GatheringByteChannel write([Ljava/nio/ByteBuffer;)J
class java/nio/channels/ByteChannel java/lang/Object
class java/nio/channels/WritableByteChannel java/lang/Object
java/nio/channels/WritableByteChannel write(Ljava/nio/ByteBuffer;)I
class java/nio/channels/ReadableByteChannel java/lang/Object
java/nio/channels/ReadableByteChannel
 read(Ljava/nio/ByteBuffer;)I
class java/nio/channels/Channel java/lang/Object
java/nio/channels/Channel isOpen()Z
java/nio/channels/Channel close()V
class java/io/RandomAccessFile java/lang/Object
java/io/RandomAccessFile fd
java/io/RandomAccessFile channel
java/io/RandomAccessFile rw
java/io/RandomAccessFile O_RDONLY
java/io/RandomAccessFile O_RDWR
java/io/RandomAccessFile O_SYNC
java/io/RandomAccessFile O_DSYNC
java/io/RandomAccessFile <init>(Ljava/lang/String;Ljava/lang/String;)V
java/io/RandomAccessFile <init>(Ljava/io/File;Ljava/lang/String;)V
java/io/RandomAccessFile getFD()Ljava/io/FileDescriptor;
java/io/RandomAccessFile getChannel()Ljava/nio/channels/FileChannel;
java/io/RandomAccessFile open(Ljava/lang/String;I)V
java/io/RandomAccessFile read()I
java/io/RandomAccessFile readBytes([BII)I
java/io/RandomAccessFile read([BII)I
java/io/RandomAccessFile read([B)I
java/io/RandomAccessFile readFully([B)V
java/io/RandomAccessFile readFully([BII)V
java/io/RandomAccessFile
 skipBytes(I)I
java/io/RandomAccessFile write(I)V
java/io/RandomAccessFile writeBytes([BII)V
java/io/RandomAccessFile write([B)V
java/io/RandomAccessFile write([BII)V
java/io/RandomAccessFile getFilePointer()J
java/io/RandomAccessFile seek(J)V
java/io/RandomAccessFile length()J
java/io/RandomAccessFile setLength(J)V
java/io/RandomAccessFile close()V
java/io/RandomAccessFile readBoolean()Z
java/io/RandomAccessFile readByte()B
java/io/RandomAccessFile readUnsignedByte()I
java/io/RandomAccessFile readShort()S
java/io/RandomAccessFile readUnsignedShort()I

java/io/RandomAccessFile readChar()C
java/io/RandomAccessFile readInt()I
java/io/RandomAccessFile readLong()J
java/io/RandomAccessFile readFloat()F
java/io/RandomAccessFile readDouble()D
java/io/RandomAccessFile readLine()Ljava/lang/String;
java/io/RandomAccessFile readUTF()Ljava/lang/String;
java/io/RandomAccessFile writeBoolean(Z)V
java/io/RandomAccessFile writeByte(I)V
java/io/RandomAccessFile writeShort(I)V
java/io/RandomAccessFile
writeChar(I)V
java/io/RandomAccessFile writeInt(I)V
java/io/RandomAccessFile writeLong(J)V
java/io/RandomAccessFile writeFloat(F)V
java/io/RandomAccessFile writeDouble(D)V
java/io/RandomAccessFile writeBytes(Ljava/lang/String;)V
java/io/RandomAccessFile writeChars(Ljava/lang/String;)V
java/io/RandomAccessFile writeUTF(Ljava/lang/String;)V
java/io/RandomAccessFile initIDs()V
java/io/RandomAccessFile close0()V
java/io/RandomAccessFile <clinit>()V
class java/io/DataOutput java/lang/Object
java/io/DataOutput write(I)V
java/io/DataOutput write([B)V
java/io/DataOutput write([BII)V
java/io/DataOutput writeBoolean(Z)V
java/io/DataOutput writeByte(I)V
java/io/DataOutput writeShort(I)V
java/io/DataOutput writeChar(I)V
java/io/DataOutput writeInt(I)V
java/io/DataOutput writeLong(J)V
java/io/DataOutput writeFloat(F)V
java/io/DataOutput writeDouble(D)V
java/io/DataOutput writeBytes(Ljava/lang/String;)V
java/io/DataOutput writeChars(Ljava/lang/String;)V
java/io/DataOutput
writeUTF(Ljava/lang/String;)V
class java/text/AttributedString$AttributedStringIterator java/lang/Object
java/text/AttributedString$AttributedStringIterator beginIndex
java/text/AttributedString$AttributedStringIterator endIndex
java/text/AttributedString$AttributedStringIterator relevantAttributes
java/text/AttributedString$AttributedStringIterator currentIndex
java/text/AttributedString$AttributedStringIterator currentRunIndex
java/text/AttributedString$AttributedStringIterator currentRunStart
java/text/AttributedString$AttributedStringIterator currentRunLimit
java/text/AttributedString$AttributedStringIterator this$0
java/text/AttributedString$AttributedStringIterator

<init>(Ljava/text/AttributedString;[Ljava/text/AttributedCharacterIterator$Attribute;II)V
java/text/AttributedString$AttributedStringIterator equals(Ljava/lang/Object;)Z
java/text/AttributedString$AttributedStringIterator hashCode()I
java/text/AttributedString$AttributedStringIterator clone()Ljava/lang/Object;
java/text/AttributedString$AttributedStringIterator
first()C
java/text/AttributedString$AttributedStringIterator last()C
java/text/AttributedString$AttributedStringIterator current()C
java/text/AttributedString$AttributedStringIterator next()C
java/text/AttributedString$AttributedStringIterator previous()C
java/text/AttributedString$AttributedStringIterator setIndex(I)C
java/text/AttributedString$AttributedStringIterator getBeginIndex()I
java/text/AttributedString$AttributedStringIterator getEndIndex()I
java/text/AttributedString$AttributedStringIterator getIndex()I
java/text/AttributedString$AttributedStringIterator getRunStart()I
java/text/AttributedString$AttributedStringIterator getRunStart(Ljava/text/AttributedCharacterIterator$Attribute;)I
java/text/AttributedString$AttributedStringIterator getRunStart(Ljava/util/Set;)I
java/text/AttributedString$AttributedStringIterator getRunLimit()I
java/text/AttributedString$AttributedStringIterator getRunLimit(Ljava/text/AttributedCharacterIterator$Attribute;)I
java/text/AttributedString$AttributedStringIterator
getRunLimit(Ljava/util/Set;)I
java/text/AttributedString$AttributedStringIterator getAttributes()Ljava/util/Map;
java/text/AttributedString$AttributedStringIterator getAllAttributeKeys()Ljava/util/Set;
java/text/AttributedString$AttributedStringIterator
getAttribute(Ljava/text/AttributedCharacterIterator$Attribute;)Ljava/lang/Object;
java/text/AttributedString$AttributedStringIterator getString()Ljava/text/AttributedString;
java/text/AttributedString$AttributedStringIterator internalSetIndex(I)C
java/text/AttributedString$AttributedStringIterator updateRunInfo()V
class java/text/AttributedCharacterIterator java/lang/Object
java/text/AttributedCharacterIterator getRunStart()I
java/text/AttributedCharacterIterator getRunStart(Ljava/text/AttributedCharacterIterator$Attribute;)I
java/text/AttributedCharacterIterator getRunStart(Ljava/util/Set;)I
java/text/AttributedCharacterIterator getRunLimit()I
java/text/AttributedCharacterIterator
getRunLimit(Ljava/text/AttributedCharacterIterator$Attribute;)I
java/text/AttributedCharacterIterator getRunLimit(Ljava/util/Set;)I
java/text/AttributedCharacterIterator getAttributes()Ljava/util/Map;
java/text/AttributedCharacterIterator
getAttribute(Ljava/text/AttributedCharacterIterator$Attribute;)Ljava/lang/Object;
java/text/AttributedCharacterIterator getAllAttributeKeys()Ljava/util/Set;
class java/text/CharacterIterator java/lang/Object
java/text/CharacterIterator DONE
java/text/CharacterIterator first()C
java/text/CharacterIterator last()C
java/text/CharacterIterator current()C
java/text/CharacterIterator next()C
java/text/CharacterIterator previous()C
java/text/CharacterIterator setIndex(I)C

java/text/CharacterIterator getBeginIndex()I
java/text/CharacterIterator getEndIndex()I
java/text/CharacterIterator getIndex()I
java/text/CharacterIterator clone()Ljava/lang/Object;
class java/text/AttributedString java/lang/Object
java/text/AttributedString ARRAY_SIZE_INCREMENT
java/text/AttributedString
text
java/text/AttributedString runArraySize
java/text/AttributedString runCount
java/text/AttributedString runStarts
java/text/AttributedString runAttributes
java/text/AttributedString runAttributeValues
java/text/AttributedString <init>([Ljava/text/AttributedCharacterIterator;)V
java/text/AttributedString <init>(Ljava/lang/String;)V
java/text/AttributedString <init>(Ljava/lang/String;Ljava/util/Map;)V
java/text/AttributedString <init>(Ljava/text/AttributedCharacterIterator;)V
java/text/AttributedString <init>(Ljava/text/AttributedCharacterIterator;II)V
java/text/AttributedString
<init>(Ljava/text/AttributedCharacterIterator;II[Ljava/text/AttributedCharacterIterator$Attribute;)V
java/text/AttributedString addAttribute(Ljava/text/AttributedCharacterIterator$Attribute;Ljava/lang/Object;)V
java/text/AttributedString addAttribute(Ljava/text/AttributedCharacterIterator$Attribute;Ljava/lang/Object;II)V
java/text/AttributedString addAttributes(Ljava/util/Map;II)V
java/text/AttributedString
addAttributeImpl(Ljava/text/AttributedCharacterIterator$Attribute;Ljava/lang/Object;II)V
java/text/AttributedString createRunAttributeDataVectors()V
java/text/AttributedString ensureRunBreak(I)I
java/text/AttributedString ensureRunBreak(IZ)I
java/text/AttributedString
addAttributeRunData(Ljava/text/AttributedCharacterIterator$Attribute;Ljava/lang/Object;II)V
java/text/AttributedString getIterator()Ljava/text/AttributedCharacterIterator;
java/text/AttributedString
getIterator([Ljava/text/AttributedCharacterIterator$Attribute;)Ljava/text/AttributedCharacterIterator;
java/text/AttributedString
getIterator([Ljava/text/AttributedCharacterIterator$Attribute;II)Ljava/text/AttributedCharacterIterator;
java/text/AttributedString length()I
java/text/AttributedString charAt(I)C
java/text/AttributedString getAttribute(Ljava/text/AttributedCharacterIterator$Attribute;I)Ljava/lang/Object;
java/text/AttributedString
getAttributeCheckRange(Ljava/text/AttributedCharacterIterator$Attribute;III)Ljava/lang/Object;
java/text/AttributedString
attributeValuesMatch(Ljava/util/Set;II)Z
java/text/AttributedString valuesMatch(Ljava/lang/Object;Ljava/lang/Object;)Z
java/text/AttributedString appendContents(Ljava/lang/StringBuffer;Ljava/text/CharacterIterator;)V
java/text/AttributedString setAttributes(Ljava/util/Map;I)V
java/text/AttributedString mapsDiffer(Ljava/util/Map;Ljava/util/Map;)Z
java/text/AttributedString access$000(Ljava/text/AttributedString;I)C
java/text/AttributedString

access$100(Ljava/text/AttributedString;Ljava/text/AttributedCharacterIterator$Attribute;I)Ljava/lang/Object;
java/text/AttributedString access$200(Ljava/lang/Object;Ljava/lang/Object;)Z
java/text/AttributedString access$300(Ljava/text/AttributedString;Ljava/util/Set;II)Z
java/text/AttributedString
access$400(Ljava/text/AttributedString;Ljava/text/AttributedCharacterIterator$Attribute;III)Ljava/lang/Object;
class java/util/Collections$UnmodifiableMap java/lang/Object
java/util/Collections$UnmodifiableMap
serialVersionUID
java/util/Collections$UnmodifiableMap m
java/util/Collections$UnmodifiableMap keySet
java/util/Collections$UnmodifiableMap entrySet
java/util/Collections$UnmodifiableMap values
java/util/Collections$UnmodifiableMap <init>(Ljava/util/Map;)V
java/util/Collections$UnmodifiableMap size()I
java/util/Collections$UnmodifiableMap isEmpty()Z
java/util/Collections$UnmodifiableMap containsKey(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableMap containsValue(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$UnmodifiableMap put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$UnmodifiableMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$UnmodifiableMap putAll(Ljava/util/Map;)V
java/util/Collections$UnmodifiableMap clear()V
java/util/Collections$UnmodifiableMap keySet()Ljava/util/Set;
java/util/Collections$UnmodifiableMap entrySet()Ljava/util/Set;
java/util/Collections$UnmodifiableMap
values()Ljava/util/Collection;
java/util/Collections$UnmodifiableMap equals(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableMap hashCode()I
java/util/Collections$UnmodifiableMap toString()Ljava/lang/String;
class java/awt/font/TextAttribute java/text/AttributedCharacterIterator$Attribute
java/awt/font/TextAttribute instanceMap
java/awt/font/TextAttribute serialVersionUID
java/awt/font/TextAttribute FAMILY
java/awt/font/TextAttribute WEIGHT
java/awt/font/TextAttribute WEIGHT_EXTRA_LIGHT
java/awt/font/TextAttribute WEIGHT_LIGHT
java/awt/font/TextAttribute WEIGHT_DEMILIGHT
java/awt/font/TextAttribute WEIGHT_REGULAR
java/awt/font/TextAttribute WEIGHT_SEMIBOLD
java/awt/font/TextAttribute WEIGHT_MEDIUM
java/awt/font/TextAttribute WEIGHT_DEMIBOLD
java/awt/font/TextAttribute WEIGHT_BOLD
java/awt/font/TextAttribute WEIGHT_HEAVY
java/awt/font/TextAttribute WEIGHT_EXTRABOLD
java/awt/font/TextAttribute WEIGHT_ULTRABOLD
java/awt/font/TextAttribute
WIDTH
java/awt/font/TextAttribute WIDTH_CONDENSED

java/awt/font/TextAttribute WIDTH_SEMI_CONDENSED
java/awt/font/TextAttribute WIDTH_REGULAR
java/awt/font/TextAttribute WIDTH_SEMI_EXTENDED
java/awt/font/TextAttribute WIDTH_EXTENDED
java/awt/font/TextAttribute POSTURE
java/awt/font/TextAttribute POSTURE_REGULAR
java/awt/font/TextAttribute POSTURE_OBLIQUE
java/awt/font/TextAttribute SIZE
java/awt/font/TextAttribute TRANSFORM
java/awt/font/TextAttribute SUPERSCRIPT
java/awt/font/TextAttribute SUPERSCRIPT_SUPER
java/awt/font/TextAttribute SUPERSCRIPT_SUB
java/awt/font/TextAttribute FONT
java/awt/font/TextAttribute CHAR_REPLACEMENT
java/awt/font/TextAttribute FOREGROUND
java/awt/font/TextAttribute BACKGROUND
java/awt/font/TextAttribute UNDERLINE
java/awt/font/TextAttribute UNDERLINE_ON
java/awt/font/TextAttribute STRIKETHROUGH
java/awt/font/TextAttribute STRIKETHROUGH_ON
java/awt/font/TextAttribute RUN_DIRECTION
java/awt/font/TextAttribute RUN_DIRECTION_LTR
java/awt/font/TextAttribute
RUN_DIRECTION_RTL
java/awt/font/TextAttribute BIDI_EMBEDDING
java/awt/font/TextAttribute JUSTIFICATION
java/awt/font/TextAttribute JUSTIFICATION_FULL
java/awt/font/TextAttribute JUSTIFICATION_NONE
java/awt/font/TextAttribute INPUT_METHOD_HIGHLIGHT
java/awt/font/TextAttribute INPUT_METHOD_UNDERLINE
java/awt/font/TextAttribute UNDERLINE_LOW_ONE_PIXEL
java/awt/font/TextAttribute UNDERLINE_LOW_TWO_PIXEL
java/awt/font/TextAttribute UNDERLINE_LOW_DOTTED
java/awt/font/TextAttribute UNDERLINE_LOW_GRAY
java/awt/font/TextAttribute UNDERLINE_LOW_DASHED
java/awt/font/TextAttribute SWAP_COLORS
java/awt/font/TextAttribute SWAP_COLORS_ON
java/awt/font/TextAttribute NUMERIC_SHAPING
java/awt/font/TextAttribute <init>(Ljava/lang/String;)V
java/awt/font/TextAttribute readResolve()Ljava/lang/Object;
java/awt/font/TextAttribute <clinit>()V
class java/text/AttributedCharacterIterator$Attribute java/lang/Object
java/text/AttributedCharacterIterator$Attribute name
java/text/AttributedCharacterIterator$Attribute
instanceMap
java/text/AttributedCharacterIterator$Attribute LANGUAGE
java/text/AttributedCharacterIterator$Attribute READING
java/text/AttributedCharacterIterator$Attribute INPUT_METHOD_SEGMENT

java/text/AttributedCharacterIterator$Attribute serialVersionUID
java/text/AttributedCharacterIterator$Attribute <init>(Ljava/lang/String;)V
java/text/AttributedCharacterIterator$Attribute equals(Ljava/lang/Object;)Z
java/text/AttributedCharacterIterator$Attribute hashCode()I
java/text/AttributedCharacterIterator$Attribute toString()Ljava/lang/String;
java/text/AttributedCharacterIterator$Attribute getName()Ljava/lang/String;
java/text/AttributedCharacterIterator$Attribute readResolve()Ljava/lang/Object;
java/text/AttributedCharacterIterator$Attribute <clinit>()V
class java/awt/im/spi/InputMethod java/lang/Object
java/awt/im/spi/InputMethod setInputMethodContext(Ljava/awt/im/spi/InputMethodContext;)V
java/awt/im/spi/InputMethod setLocale(Ljava/util/Locale;)Z
java/awt/im/spi/InputMethod getLocale()Ljava/util/Locale;
java/awt/im/spi/InputMethod
setCharacterSubsets([Ljava/lang/Character$Subset;)V
java/awt/im/spi/InputMethod setCompositionEnabled(Z)V
java/awt/im/spi/InputMethod isCompositionEnabled()Z
java/awt/im/spi/InputMethod reconvert()V
java/awt/im/spi/InputMethod dispatchEvent(Ljava/awt/AWTEvent;)V
java/awt/im/spi/InputMethod notifyClientWindowChange(Ljava/awt/Rectangle;)V
java/awt/im/spi/InputMethod activate()V
java/awt/im/spi/InputMethod deactivate(Z)V
java/awt/im/spi/InputMethod hideWindows()V
java/awt/im/spi/InputMethod removeNotify()V
java/awt/im/spi/InputMethod endComposition()V
java/awt/im/spi/InputMethod dispose()V
java/awt/im/spi/InputMethod getControlObject()Ljava/lang/Object;
class java/awt/event/WindowListener java/lang/Object
java/awt/event/WindowListener windowOpened(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowListener windowClosing(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowListener windowClosed(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowListener
windowIconified(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowListener windowDeiconified(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowListener windowActivated(Ljava/awt/event/WindowEvent;)V
java/awt/event/WindowListener windowDeactivated(Ljava/awt/event/WindowEvent;)V
class java/awt/im/spi/InputMethodContext java/lang/Object
java/awt/im/spi/InputMethodContext
dispatchInputMethodEvent(ILjava/text/AttributedCharacterIterator;ILjava/awt/font/TextHitInfo;Ljava/awt/font/Text
HitInfo;)V
java/awt/im/spi/InputMethodContext createInputMethodWindow(Ljava/lang/String;Z)Ljava/awt/Window;
java/awt/im/spi/InputMethodContext createInputMethodJFrame(Ljava/lang/String;Z)Ljavax/swing/JFrame;
java/awt/im/spi/InputMethodContext enableClientWindowNotification(Ljava/awt/im/spi/InputMethod;Z)V
class java/awt/im/InputMethodRequests java/lang/Object
java/awt/im/InputMethodRequests getTextLocation(Ljava/awt/font/TextHitInfo;)Ljava/awt/Rectangle;
java/awt/im/InputMethodRequests getLocationOffset(II)Ljava/awt/font/TextHitInfo;
java/awt/im/InputMethodRequests
getInsertPositionOffset()I
java/awt/im/InputMethodRequests

getCommittedText(II[Ljava/text/AttributedCharacterIterator$Attribute;)Ljava/text/AttributedCharacterIterator;
java/awt/im/InputMethodRequests getCommittedTextLength()I
java/awt/im/InputMethodRequests
cancelLatestCommittedText([Ljava/text/AttributedCharacterIterator$Attribute;)Ljava/text/AttributedCharacterIterator;
java/awt/im/InputMethodRequests
getSelectedText([Ljava/text/AttributedCharacterIterator$Attribute;)Ljava/text/AttributedCharacterIterator;
class java/awt/im/InputContext java/lang/Object
java/awt/im/InputContext <init>()V
java/awt/im/InputContext getInstance()Ljava/awt/im/InputContext;
java/awt/im/InputContext selectInputMethod(Ljava/util/Locale;)Z
java/awt/im/InputContext getLocale()Ljava/util/Locale;
java/awt/im/InputContext setCharacterSubsets([Ljava/lang/Character$Subset;)V
java/awt/im/InputContext setCompositionEnabled(Z)V
java/awt/im/InputContext
isCompositionEnabled()Z
java/awt/im/InputContext reconvert()V
java/awt/im/InputContext dispatchEvent(Ljava/awt/AWTEvent;)V
java/awt/im/InputContext removeNotify(Ljava/awt/Component;)V
java/awt/im/InputContext endComposition()V
java/awt/im/InputContext dispose()V
java/awt/im/InputContext getInputMethodControlObject()Ljava/lang/Object;
class java/awt/event/ActionListener java/lang/Object
java/awt/event/ActionListener actionPerformed(Ljava/awt/event/ActionEvent;)V
class java/awt/ItemSelectable java/lang/Object
java/awt/ItemSelectable getSelectedObjects()[Ljava/lang/Object;
java/awt/ItemSelectable addItemListener(Ljava/awt/event/ItemListener;)V
java/awt/ItemSelectable removeItemListener(Ljava/awt/event/ItemListener;)V
class java/util/AbstractList$ListItr java/util/AbstractList$Itr
java/util/AbstractList$ListItr this$0
java/util/AbstractList$ListItr <init>(Ljava/util/AbstractList;I)V
java/util/AbstractList$ListItr hasPrevious()Z
java/util/AbstractList$ListItr previous()Ljava/lang/Object;
java/util/AbstractList$ListItr
nextIndex()I
java/util/AbstractList$ListItr previousIndex()I
java/util/AbstractList$ListItr set(Ljava/lang/Object;)V
java/util/AbstractList$ListItr add(Ljava/lang/Object;)V
class java/util/AbstractList$Itr java/lang/Object
java/util/AbstractList$Itr cursor
java/util/AbstractList$Itr lastRet
java/util/AbstractList$Itr expectedModCount
java/util/AbstractList$Itr this$0
java/util/AbstractList$Itr <init>(Ljava/util/AbstractList;)V
java/util/AbstractList$Itr hasNext()Z
java/util/AbstractList$Itr next()Ljava/lang/Object;
java/util/AbstractList$Itr remove()V
java/util/AbstractList$Itr checkForComodification()V

java/util/AbstractList$Itr <init>(Ljava/util/AbstractList;Ljava/util/AbstractList$1;)V
class java/awt/VKCollection java/lang/Object
java/awt/VKCollection code2name
java/awt/VKCollection name2code
java/awt/VKCollection $assertionsDisabled
java/awt/VKCollection <init>()V
java/awt/VKCollection put(Ljava/lang/String;Ljava/lang/Integer;)V
java/awt/VKCollection
 findCode(Ljava/lang/String;)Ljava/lang/Integer;
java/awt/VKCollection findName(Ljava/lang/Integer;)Ljava/lang/String;
java/awt/VKCollection <clinit>()V
class java/beans/PropertyChangeListenerProxy java/util/EventListenerProxy
java/beans/PropertyChangeListenerProxy propertyName
java/beans/PropertyChangeListenerProxy <init>(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/beans/PropertyChangeListenerProxy propertyChange(Ljava/beans/PropertyChangeEvent;)V
java/beans/PropertyChangeListenerProxy getPropertyName()Ljava/lang/String;
class java/util/EventListenerProxy java/lang/Object
java/util/EventListenerProxy listener
java/util/EventListenerProxy <init>(Ljava/util/EventListener;)V
java/util/EventListenerProxy getListener()Ljava/util/EventListener;
class java/util/ResourceBundleEnumeration java/lang/Object
java/util/ResourceBundleEnumeration set
java/util/ResourceBundleEnumeration iterator
java/util/ResourceBundleEnumeration enumeration
java/util/ResourceBundleEnumeration
 next
java/util/ResourceBundleEnumeration <init>(Ljava/util/Set;Ljava/util/Enumeration;)V
java/util/ResourceBundleEnumeration hasMoreElements()Z
java/util/ResourceBundleEnumeration nextElement()Ljava/lang/String;
java/util/ResourceBundleEnumeration nextElement()Ljava/lang/Object;
class java/util/Arrays$ArrayList java/util/AbstractList
java/util/Arrays$ArrayList serialVersionUID
java/util/Arrays$ArrayList a
java/util/Arrays$ArrayList <init>([Ljava/lang/Object;)V
java/util/Arrays$ArrayList size()I
java/util/Arrays$ArrayList toArray()[Ljava/lang/Object;
java/util/Arrays$ArrayList get(I)Ljava/lang/Object;
java/util/Arrays$ArrayList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/Arrays$ArrayList indexOf(Ljava/lang/Object;)I
java/util/Arrays$ArrayList contains(Ljava/lang/Object;)Z
class java/awt/FlowLayout java/lang/Object
java/awt/FlowLayout LEFT
java/awt/FlowLayout CENTER
java/awt/FlowLayout RIGHT
java/awt/FlowLayout LEADING
java/awt/FlowLayout TRAILING
java/awt/FlowLayout align
java/awt/FlowLayout

newAlign
java/awt/FlowLayout hgap
java/awt/FlowLayout vgap
java/awt/FlowLayout serialVersionUID
java/awt/FlowLayout currentSerialVersion
java/awt/FlowLayout serialVersionOnStream
java/awt/FlowLayout <init>()V
java/awt/FlowLayout <init>(I)V
java/awt/FlowLayout <init>(III)V
java/awt/FlowLayout getAlignment()I
java/awt/FlowLayout setAlignment(I)V
java/awt/FlowLayout getHgap()I
java/awt/FlowLayout setHgap(I)V
java/awt/FlowLayout getVgap()I
java/awt/FlowLayout setVgap(I)V
java/awt/FlowLayout addLayoutComponent(Ljava/lang/String;Ljava/awt/Component;)V
java/awt/FlowLayout removeLayoutComponent(Ljava/awt/Component;)V
java/awt/FlowLayout preferredLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/FlowLayout minimumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/FlowLayout moveComponents(Ljava/awt/Container;IIIIIIZ)V
java/awt/FlowLayout layoutContainer(Ljava/awt/Container;)V
java/awt/FlowLayout readObject(Ljava/io/ObjectInputStream;)V
java/awt/FlowLayout
toString()Ljava/lang/String;
class java/awt/GraphicsCallback$PaintCallback java/awt/GraphicsCallback
java/awt/GraphicsCallback$PaintCallback instance
java/awt/GraphicsCallback$PaintCallback <init>()V
java/awt/GraphicsCallback$PaintCallback run(Ljava/awt/Component;Ljava/awt/Graphics;)V
java/awt/GraphicsCallback$PaintCallback getInstance()Ljava/awt/GraphicsCallback$PaintCallback;
java/awt/GraphicsCallback$PaintCallback <clinit>()V
class java/awt/GraphicsCallback sun/awt/SunGraphicsCallback
java/awt/GraphicsCallback <init>()V
class java/awt/Event java/lang/Object
java/awt/Event data
java/awt/Event SHIFT_MASK
java/awt/Event CTRL_MASK
java/awt/Event META_MASK
java/awt/Event ALT_MASK
java/awt/Event HOME
java/awt/Event END
java/awt/Event PGUP
java/awt/Event PGDN
java/awt/Event UP
java/awt/Event DOWN
java/awt/Event LEFT
java/awt/Event RIGHT
java/awt/Event F1
java/awt/Event F2

java/awt/Event F3
java/awt/Event F4
java/awt/Event F5
java/awt/Event F6
java/awt/Event F7
java/awt/Event F8
java/awt/Event
F9
java/awt/Event F10
java/awt/Event F11
java/awt/Event F12
java/awt/Event PRINT_SCREEN
java/awt/Event SCROLL_LOCK
java/awt/Event CAPS_LOCK
java/awt/Event NUM_LOCK
java/awt/Event PAUSE
java/awt/Event INSERT
java/awt/Event ENTER
java/awt/Event BACK_SPACE
java/awt/Event TAB
java/awt/Event ESCAPE
java/awt/Event DELETE
java/awt/Event WINDOW_EVENT
java/awt/Event WINDOW_DESTROY
java/awt/Event WINDOW_EXPOSE
java/awt/Event WINDOW_ICONIFY
java/awt/Event WINDOW_DEICONIFY
java/awt/Event WINDOW_MOVED
java/awt/Event KEY_EVENT
java/awt/Event KEY_PRESS
java/awt/Event KEY_RELEASE
java/awt/Event KEY_ACTION
java/awt/Event KEY_ACTION_RELEASE
java/awt/Event MOUSE_EVENT
java/awt/Event MOUSE_DOWN
java/awt/Event MOUSE_UP
java/awt/Event MOUSE_MOVE
java/awt/Event MOUSE_ENTER
java/awt/Event MOUSE_EXIT
java/awt/Event MOUSE_DRAG
java/awt/Event SCROLL_EVENT
java/awt/Event SCROLL_LINE_UP
java/awt/Event SCROLL_LINE_DOWN
java/awt/Event SCROLL_PAGE_UP
java/awt/Event SCROLL_PAGE_DOWN
java/awt/Event SCROLL_ABSOLUTE
java/awt/Event

SCROLL_BEGIN
java/awt/Event SCROLL_END
java/awt/Event LIST_EVENT
java/awt/Event LIST_SELECT
java/awt/Event LIST_DESELECT
java/awt/Event MISC_EVENT
java/awt/Event ACTION_EVENT
java/awt/Event LOAD_FILE
java/awt/Event SAVE_FILE
java/awt/Event GOT_FOCUS
java/awt/Event LOST_FOCUS
java/awt/Event target
java/awt/Event when
java/awt/Event id
java/awt/Event x
java/awt/Event y
java/awt/Event key
java/awt/Event modifiers
java/awt/Event clickCount
java/awt/Event arg
java/awt/Event evt
java/awt/Event actionKeyCodes
java/awt/Event consumed
java/awt/Event serialVersionUID
java/awt/Event initIDs()V
java/awt/Event <init>(Ljava/lang/Object;JIIIIILjava/lang/Object;)V
java/awt/Event <init>(Ljava/lang/Object;JIIIII)V
java/awt/Event <init>(Ljava/lang/Object;ILjava/lang/Object;)V
java/awt/Event translate(II)V
java/awt/Event shiftDown()Z
java/awt/Event controlDown()Z
java/awt/Event metaDown()Z
java/awt/Event consume()V
java/awt/Event isConsumed()Z
java/awt/Event getOldEventKey(Ljava/awt/event/KeyEvent;)I
java/awt/Event
getKeyEventChar()C
java/awt/Event paramString()Ljava/lang/String;
java/awt/Event toString()Ljava/lang/String;
java/awt/Event <clinit>()V
class java/awt/KeyboardFocusManager$LightweightFocusRequest java/lang/Object
java/awt/KeyboardFocusManager$LightweightFocusRequest component
java/awt/KeyboardFocusManager$LightweightFocusRequest temporary
java/awt/KeyboardFocusManager$LightweightFocusRequest <init>(Ljava/awt/Component;Z)V
java/awt/KeyboardFocusManager$LightweightFocusRequest toString()Ljava/lang/String;
class java/awt/DefaultKeyboardFocusManager$TypeAheadMarker java/lang/Object
java/awt/DefaultKeyboardFocusManager$TypeAheadMarker after
java/awt/DefaultKeyboardFocusManager$TypeAheadMarker untilFocused

java/awt/DefaultKeyboardFocusManager$TypeAheadMarker <init>(JLjava/awt/Component;)V
java/awt/DefaultKeyboardFocusManager$TypeAheadMarker toString()Ljava/lang/String;
class java/util/LinkedList$ListItr java/lang/Object
java/util/LinkedList$ListItr lastReturned
java/util/LinkedList$ListItr
 next
java/util/LinkedList$ListItr nextIndex
java/util/LinkedList$ListItr expectedModCount
java/util/LinkedList$ListItr this$0
java/util/LinkedList$ListItr <init>(Ljava/util/LinkedList;I)V
java/util/LinkedList$ListItr hasNext()Z
java/util/LinkedList$ListItr next()Ljava/lang/Object;
java/util/LinkedList$ListItr hasPrevious()Z
java/util/LinkedList$ListItr previous()Ljava/lang/Object;
java/util/LinkedList$ListItr nextIndex()I
java/util/LinkedList$ListItr previousIndex()I
java/util/LinkedList$ListItr remove()V
java/util/LinkedList$ListItr set(Ljava/lang/Object;)V
java/util/LinkedList$ListItr add(Ljava/lang/Object;)V
java/util/LinkedList$ListItr checkForComodification()V
class java/util/ListIterator java/lang/Object
java/util/ListIterator hasNext()Z
java/util/ListIterator next()Ljava/lang/Object;
java/util/ListIterator hasPrevious()Z
java/util/ListIterator previous()Ljava/lang/Object;
java/util/ListIterator nextIndex()I
java/util/ListIterator previousIndex()I
java/util/ListIterator
 remove()V
java/util/ListIterator set(Ljava/lang/Object;)V
java/util/ListIterator add(Ljava/lang/Object;)V
class java/awt/KeyboardFocusManager$HeavyweightFocusRequest java/lang/Object
java/awt/KeyboardFocusManager$HeavyweightFocusRequest heavyweight
java/awt/KeyboardFocusManager$HeavyweightFocusRequest lightweightRequests
java/awt/KeyboardFocusManager$HeavyweightFocusRequest CLEAR_GLOBAL_FOCUS_OWNER
java/awt/KeyboardFocusManager$HeavyweightFocusRequest <init>()V
java/awt/KeyboardFocusManager$HeavyweightFocusRequest
<init>(Ljava/awt/Component;Ljava/awt/Component;Z)V
java/awt/KeyboardFocusManager$HeavyweightFocusRequest addLightweightRequest(Ljava/awt/Component;Z)Z
java/awt/KeyboardFocusManager$HeavyweightFocusRequest
getFirstLightweightRequest()Ljava/awt/KeyboardFocusManager$LightweightFocusRequest;
java/awt/KeyboardFocusManager$HeavyweightFocusRequest toString()Ljava/lang/String;
java/awt/KeyboardFocusManager$HeavyweightFocusRequest <clinit>()V
class java/awt/event/FocusEvent
 java/awt/event/ComponentEvent
java/awt/event/FocusEvent FOCUS_FIRST
java/awt/event/FocusEvent FOCUS_LAST
java/awt/event/FocusEvent FOCUS_GAINED

java/awt/event/FocusEvent FOCUS_LOST
java/awt/event/FocusEvent temporary
java/awt/event/FocusEvent opposite
java/awt/event/FocusEvent serialVersionUID
java/awt/event/FocusEvent <init>(Ljava/awt/Component;IZLjava/awt/Component;)V
java/awt/event/FocusEvent <init>(Ljava/awt/Component;IZ)V
java/awt/event/FocusEvent <init>(Ljava/awt/Component;I)V
java/awt/event/FocusEvent isTemporary()Z
java/awt/event/FocusEvent getOppositeComponent()Ljava/awt/Component;
java/awt/event/FocusEvent paramString()Ljava/lang/String;
class java/awt/DefaultKeyboardFocusManager$DefaultKeyboardFocusManagerSentEvent java/awt/SentEvent
java/awt/DefaultKeyboardFocusManager$DefaultKeyboardFocusManagerSentEvent
<init>(Ljava/awt/AWTEvent;Lsun/awt/AppContext;)V
java/awt/DefaultKeyboardFocusManager$DefaultKeyboardFocusManagerSentEvent dispatch()V
class java/awt/SentEvent java/awt/AWTEvent
java/awt/SentEvent
 ID
java/awt/SentEvent dispatched
java/awt/SentEvent nested
java/awt/SentEvent toNotify
java/awt/SentEvent <init>()V
java/awt/SentEvent <init>(Ljava/awt/AWTEvent;)V
java/awt/SentEvent <init>(Ljava/awt/AWTEvent;Lsun/awt/AppContext;)V
java/awt/SentEvent dispatch()V
java/awt/SentEvent dispose()V
class java/awt/event/MouseEvent java/awt/event/InputEvent
java/awt/event/MouseEvent MOUSE_FIRST
java/awt/event/MouseEvent MOUSE_LAST
java/awt/event/MouseEvent MOUSE_CLICKED
java/awt/event/MouseEvent MOUSE_PRESSED
java/awt/event/MouseEvent MOUSE_RELEASED
java/awt/event/MouseEvent MOUSE_MOVED
java/awt/event/MouseEvent MOUSE_ENTERED
java/awt/event/MouseEvent MOUSE_EXITED
java/awt/event/MouseEvent MOUSE_DRAGGED
java/awt/event/MouseEvent MOUSE_WHEEL
java/awt/event/MouseEvent NOBUTTON
java/awt/event/MouseEvent BUTTON1
java/awt/event/MouseEvent BUTTON2
java/awt/event/MouseEvent BUTTON3
java/awt/event/MouseEvent x
java/awt/event/MouseEvent y
java/awt/event/MouseEvent clickCount
java/awt/event/MouseEvent
 button
java/awt/event/MouseEvent popupTrigger
java/awt/event/MouseEvent serialVersionUID
java/awt/event/MouseEvent initIDs()V

java/awt/event/MouseEvent <init>(Ljava/awt/Component;IJIIIIZI)V
java/awt/event/MouseEvent <init>(Ljava/awt/Component;IJIIIIZ)V
java/awt/event/MouseEvent getX()I
java/awt/event/MouseEvent getY()I
java/awt/event/MouseEvent getPoint()Ljava/awt/Point;
java/awt/event/MouseEvent translatePoint(II)V
java/awt/event/MouseEvent getClickCount()I
java/awt/event/MouseEvent getButton()I
java/awt/event/MouseEvent isPopupTrigger()Z
java/awt/event/MouseEvent getMouseModifiersText(I)Ljava/lang/String;
java/awt/event/MouseEvent paramString()Ljava/lang/String;
java/awt/event/MouseEvent setNewModifiers()V
java/awt/event/MouseEvent setOldModifiers()V
java/awt/event/MouseEvent readObject(Ljava/io/ObjectInputStream;)V
java/awt/event/MouseEvent <clinit>()V
class java/awt/event/PaintEvent java/awt/event/ComponentEvent
java/awt/event/PaintEvent PAINT_FIRST
java/awt/event/PaintEvent
PAINT_LAST
java/awt/event/PaintEvent PAINT
java/awt/event/PaintEvent UPDATE
java/awt/event/PaintEvent updateRect
java/awt/event/PaintEvent serialVersionUID
java/awt/event/PaintEvent <init>(Ljava/awt/Component;ILjava/awt/Rectangle;)V
java/awt/event/PaintEvent getUpdateRect()Ljava/awt/Rectangle;
java/awt/event/PaintEvent setUpdateRect(Ljava/awt/Rectangle;)V
java/awt/event/PaintEvent paramString()Ljava/lang/String;
class java/lang/reflect/InvocationTargetException java/lang/Exception
java/lang/reflect/InvocationTargetException serialVersionUID
java/lang/reflect/InvocationTargetException target
java/lang/reflect/InvocationTargetException <init>()V
java/lang/reflect/InvocationTargetException <init>(Ljava/lang/Throwable;)V
java/lang/reflect/InvocationTargetException <init>(Ljava/lang/Throwable;Ljava/lang/String;)V
java/lang/reflect/InvocationTargetException getTargetException()Ljava/lang/Throwable;
java/lang/reflect/InvocationTargetException getCause()Ljava/lang/Throwable;
class
java/util/EmptyStackException java/lang/RuntimeException
java/util/EmptyStackException <init>()V
class java/awt/SequencedEvent java/awt/AWTEvent
java/awt/SequencedEvent ID
java/awt/SequencedEvent list
java/awt/SequencedEvent nested
java/awt/SequencedEvent appContext
java/awt/SequencedEvent disposed
java/awt/SequencedEvent <init>(Ljava/awt/AWTEvent;)V
java/awt/SequencedEvent dispatch()V
java/awt/SequencedEvent isOwnerAppContextDisposed(Ljava/awt/SequencedEvent;)Z
java/awt/SequencedEvent isFirstOrDisposed()Z

java/awt/SequencedEvent getFirst()Ljava/awt/SequencedEvent;
java/awt/SequencedEvent getFirstWithContext()Ljava/awt/SequencedEvent;
java/awt/SequencedEvent dispose()V
java/awt/SequencedEvent <clinit>()V
class java/awt/event/WindowEvent java/awt/event/ComponentEvent
java/awt/event/WindowEvent WINDOW_FIRST
java/awt/event/WindowEvent WINDOW_OPENED
java/awt/event/WindowEvent WINDOW_CLOSING
java/awt/event/WindowEvent WINDOW_CLOSED
java/awt/event/WindowEvent WINDOW_ICONIFIED
java/awt/event/WindowEvent
WINDOW_DEICONIFIED
java/awt/event/WindowEvent WINDOW_ACTIVATED
java/awt/event/WindowEvent WINDOW_DEACTIVATED
java/awt/event/WindowEvent WINDOW_GAINED_FOCUS
java/awt/event/WindowEvent WINDOW_LOST_FOCUS
java/awt/event/WindowEvent WINDOW_STATE_CHANGED
java/awt/event/WindowEvent WINDOW_LAST
java/awt/event/WindowEvent opposite
java/awt/event/WindowEvent oldState
java/awt/event/WindowEvent newState
java/awt/event/WindowEvent serialVersionUID
java/awt/event/WindowEvent <init>(Ljava/awt/Window;ILjava/awt/Window;II)V
java/awt/event/WindowEvent <init>(Ljava/awt/Window;ILjava/awt/Window;)V
java/awt/event/WindowEvent <init>(Ljava/awt/Window;III)V
java/awt/event/WindowEvent <init>(Ljava/awt/Window;I)V
java/awt/event/WindowEvent getWindow()Ljava/awt/Window;
java/awt/event/WindowEvent getOppositeWindow()Ljava/awt/Window;
java/awt/event/WindowEvent getOldState()I
java/awt/event/WindowEvent getNewState()I
java/awt/event/WindowEvent paramString()Ljava/lang/String;
class java/awt/peer/LabelPeer
java/lang/Object
java/awt/peer/LabelPeer setText(Ljava/lang/String;)V
java/awt/peer/LabelPeer setAlignment(I)V
class java/awt/peer/LightweightPeer java/lang/Object
class java/awt/peer/MenuComponentPeer java/lang/Object
java/awt/peer/MenuComponentPeer dispose()V
java/awt/peer/MenuComponentPeer setFont(Ljava/awt/Font;)V
class java/awt/MenuComponent java/lang/Object
java/awt/MenuComponent peer
java/awt/MenuComponent parent
java/awt/MenuComponent appContext
java/awt/MenuComponent font
java/awt/MenuComponent name
java/awt/MenuComponent nameExplicitlySet
java/awt/MenuComponent newEventsOnly
java/awt/MenuComponent actionListenerK

java/awt/MenuComponent itemListenerK
java/awt/MenuComponent serialVersionUID
java/awt/MenuComponent privateKey
java/awt/MenuComponent accessibleContext
java/awt/MenuComponent <init>()V
java/awt/MenuComponent constructComponentName()Ljava/lang/String;
java/awt/MenuComponent getName()Ljava/lang/String;
java/awt/MenuComponent setName(Ljava/lang/String;)V
java/awt/MenuComponent
getParent()Ljava/awt/MenuContainer;
java/awt/MenuComponent getParent_NoClientCode()Ljava/awt/MenuContainer;
java/awt/MenuComponent getPeer()Ljava/awt/peer/MenuComponentPeer;
java/awt/MenuComponent getFont()Ljava/awt/Font;
java/awt/MenuComponent getFont_NoClientCode()Ljava/awt/Font;
java/awt/MenuComponent setFont(Ljava/awt/Font;)V
java/awt/MenuComponent removeNotify()V
java/awt/MenuComponent postEvent(Ljava/awt/Event;)Z
java/awt/MenuComponent dispatchEvent(Ljava/awt/AWTEvent;)V
java/awt/MenuComponent dispatchEventImpl(Ljava/awt/AWTEvent;)V
java/awt/MenuComponent eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/MenuComponent processEvent(Ljava/awt/AWTEvent;)V
java/awt/MenuComponent paramString()Ljava/lang/String;
java/awt/MenuComponent toString()Ljava/lang/String;
java/awt/MenuComponent getTreeLock()Ljava/lang/Object;
java/awt/MenuComponent readObject(Ljava/io/ObjectInputStream;)V
java/awt/MenuComponent initIDs()V
java/awt/MenuComponent getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/MenuComponent
getAccessibleIndexInParent()I
java/awt/MenuComponent getAccessibleChildIndex(Ljava/awt/MenuComponent;)I
java/awt/MenuComponent getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
java/awt/MenuComponent <clinit>()V
class java/awt/Component$NativeInLightFixer java/lang/Object
java/awt/Component$NativeInLightFixer lightParents
java/awt/Component$NativeInLightFixer nativeHost
java/awt/Component$NativeInLightFixer this$0
java/awt/Component$NativeInLightFixer <init>(Ljava/awt/Component;)V
java/awt/Component$NativeInLightFixer install(Ljava/awt/Container;)V
java/awt/Component$NativeInLightFixer componentResized(Ljava/awt/event/ComponentEvent;)V
java/awt/Component$NativeInLightFixer componentMoved(Ljava/awt/event/ComponentEvent;)V
java/awt/Component$NativeInLightFixer componentShown(Ljava/awt/event/ComponentEvent;)V
java/awt/Component$NativeInLightFixer componentHidden(Ljava/awt/event/ComponentEvent;)V
java/awt/Component$NativeInLightFixer
componentAdded(Ljava/awt/event/ContainerEvent;)V
java/awt/Component$NativeInLightFixer componentRemoved(Ljava/awt/event/ContainerEvent;)V
java/awt/Component$NativeInLightFixer removeReferences()V
class java/awt/event/ContainerListener java/lang/Object
java/awt/event/ContainerListener componentAdded(Ljava/awt/event/ContainerEvent;)V

java/awt/event/ContainerListener componentRemoved(Ljava/awt/event/ContainerEvent;)V
class java/awt/event/InputMethodListener java/lang/Object
java/awt/event/InputMethodListener inputMethodTextChanged(Ljava/awt/event/InputMethodEvent;)V
java/awt/event/InputMethodListener caretPositionChanged(Ljava/awt/event/InputMethodEvent;)V
class java/awt/event/MouseWheelListener java/lang/Object
java/awt/event/MouseWheelListener mouseWheelMoved(Ljava/awt/event/MouseWheelEvent;)V
class java/awt/event/MouseMotionListener java/lang/Object
java/awt/event/MouseMotionListener mouseDragged(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseMotionListener mouseMoved(Ljava/awt/event/MouseEvent;)V
class
java/awt/event/MouseListener java/lang/Object
java/awt/event/MouseListener mouseClicked(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseListener mousePressed(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseListener mouseReleased(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseListener mouseEntered(Ljava/awt/event/MouseEvent;)V
java/awt/event/MouseListener mouseExited(Ljava/awt/event/MouseEvent;)V
class java/awt/event/KeyListener java/lang/Object
java/awt/event/KeyListener keyTyped(Ljava/awt/event/KeyEvent;)V
java/awt/event/KeyListener keyPressed(Ljava/awt/event/KeyEvent;)V
java/awt/event/KeyListener keyReleased(Ljava/awt/event/KeyEvent;)V
class java/awt/event/HierarchyBoundsListener java/lang/Object
java/awt/event/HierarchyBoundsListener ancestorMoved(Ljava/awt/event/HierarchyEvent;)V
java/awt/event/HierarchyBoundsListener ancestorResized(Ljava/awt/event/HierarchyEvent;)V
class java/awt/event/HierarchyListener java/lang/Object
java/awt/event/HierarchyListener
hierarchyChanged(Ljava/awt/event/HierarchyEvent;)V
class java/awt/event/FocusListener java/lang/Object
java/awt/event/FocusListener focusGained(Ljava/awt/event/FocusEvent;)V
java/awt/event/FocusListener focusLost(Ljava/awt/event/FocusEvent;)V
class java/awt/event/ComponentListener java/lang/Object
java/awt/event/ComponentListener componentResized(Ljava/awt/event/ComponentEvent;)V
java/awt/event/ComponentListener componentMoved(Ljava/awt/event/ComponentEvent;)V
java/awt/event/ComponentListener componentShown(Ljava/awt/event/ComponentEvent;)V
java/awt/event/ComponentListener componentHidden(Ljava/awt/event/ComponentEvent;)V
class java/awt/dnd/DropTarget java/lang/Object
java/awt/dnd/DropTarget serialVersionUID
java/awt/dnd/DropTarget dropTargetContext
java/awt/dnd/DropTarget component
java/awt/dnd/DropTarget componentPeer
java/awt/dnd/DropTarget nativePeer
java/awt/dnd/DropTarget actions
java/awt/dnd/DropTarget active
java/awt/dnd/DropTarget autoScroller
java/awt/dnd/DropTarget
dtListener
java/awt/dnd/DropTarget flavorMap
java/awt/dnd/DropTarget
<init>(Ljava/awt/Component;ILjava/awt/dnd/DropTargetListener;ZLjava/awt/datatransfer/FlavorMap;)V

java/awt/dnd/DropTarget <init>(Ljava/awt/Component;ILjava/awt/dnd/DropTargetListener;Z)V
java/awt/dnd/DropTarget <init>()V
java/awt/dnd/DropTarget <init>(Ljava/awt/Component;Ljava/awt/dnd/DropTargetListener;)V
java/awt/dnd/DropTarget <init>(Ljava/awt/Component;ILjava/awt/dnd/DropTargetListener;)V
java/awt/dnd/DropTarget setComponent(Ljava/awt/Component;)V
java/awt/dnd/DropTarget getComponent()Ljava/awt/Component;
java/awt/dnd/DropTarget setDefaultActions(I)V
java/awt/dnd/DropTarget doSetDefaultActions(I)V
java/awt/dnd/DropTarget getDefaultActions()I
java/awt/dnd/DropTarget setActive(Z)V
java/awt/dnd/DropTarget isActive()Z
java/awt/dnd/DropTarget addDropTargetListener(Ljava/awt/dnd/DropTargetListener;)V
java/awt/dnd/DropTarget removeDropTargetListener(Ljava/awt/dnd/DropTargetListener;)V
java/awt/dnd/DropTarget dragEnter(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTarget
dragOver(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTarget dropActionChanged(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTarget dragExit(Ljava/awt/dnd/DropTargetEvent;)V
java/awt/dnd/DropTarget drop(Ljava/awt/dnd/DropTargetDropEvent;)V
java/awt/dnd/DropTarget getFlavorMap()Ljava/awt/datatransfer/FlavorMap;
java/awt/dnd/DropTarget setFlavorMap(Ljava/awt/datatransfer/FlavorMap;)V
java/awt/dnd/DropTarget addNotify(Ljava/awt/peer/ComponentPeer;)V
java/awt/dnd/DropTarget removeNotify(Ljava/awt/peer/ComponentPeer;)V
java/awt/dnd/DropTarget getDropTargetContext()Ljava/awt/dnd/DropTargetContext;
java/awt/dnd/DropTarget createDropTargetContext()Ljava/awt/dnd/DropTargetContext;
java/awt/dnd/DropTarget writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/dnd/DropTarget readObject(Ljava/io/ObjectInputStream;)V
java/awt/dnd/DropTarget
createDropTargetAutoScroller(Ljava/awt/Component;Ljava/awt/Point;)Ljava/awt/dnd/DropTarget$DropTargetAutoScroller;
java/awt/dnd/DropTarget
initializeAutoscrolling(Ljava/awt/Point;)V
java/awt/dnd/DropTarget updateAutoscroll(Ljava/awt/Point;)V
java/awt/dnd/DropTarget clearAutoscroll()V
class java/awt/dnd/DropTargetListener java/lang/Object
java/awt/dnd/DropTargetListener dragEnter(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTargetListener dragOver(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTargetListener dropActionChanged(Ljava/awt/dnd/DropTargetDragEvent;)V
java/awt/dnd/DropTargetListener dragExit(Ljava/awt/dnd/DropTargetEvent;)V
java/awt/dnd/DropTargetListener drop(Ljava/awt/dnd/DropTargetDropEvent;)V
class java/awt/image/BufferStrategy java/lang/Object
java/awt/image/BufferStrategy <init>()V
java/awt/image/BufferStrategy getCapabilities()Ljava/awt/BufferCapabilities;
java/awt/image/BufferStrategy getDrawGraphics()Ljava/awt/Graphics;
java/awt/image/BufferStrategy contentsLost()Z
java/awt/image/BufferStrategy contentsRestored()Z
java/awt/image/BufferStrategy

show()V
class java/net/URLClassLoader$3$1 java/lang/Object
java/net/URLClassLoader$3$1 this$1
java/net/URLClassLoader$3$1 <init>(Ljava/net/URLClassLoader$3;)V
java/net/URLClassLoader$3$1 run()Ljava/lang/Object;
class java/net/URLClassLoader$3 java/lang/Object
java/net/URLClassLoader$3 url
java/net/URLClassLoader$3 val$e
java/net/URLClassLoader$3 this$0
java/net/URLClassLoader$3 <init>(Ljava/net/URLClassLoader;Ljava/util/Enumeration;)V
java/net/URLClassLoader$3 next()Z
java/net/URLClassLoader$3 nextElement()Ljava/net/URL;
java/net/URLClassLoader$3 hasMoreElements()Z
java/net/URLClassLoader$3 nextElement()Ljava/lang/Object;
class java/lang/ClassLoader$2 java/lang/Object
java/lang/ClassLoader$2 val$e
java/lang/ClassLoader$2 <init>(Ljava/util/Enumeration;)V
java/lang/ClassLoader$2 nextElement()Ljava/lang/Object;
java/lang/ClassLoader$2 hasMoreElements()Z
class java/util/TreeMap$1 java/util/AbstractSet
java/util/TreeMap$1 this$0
java/util/TreeMap$1 <init>(Ljava/util/TreeMap;)V
java/util/TreeMap$1
iterator()Ljava/util/Iterator;
java/util/TreeMap$1 size()I
java/util/TreeMap$1 contains(Ljava/lang/Object;)Z
java/util/TreeMap$1 remove(Ljava/lang/Object;)Z
java/util/TreeMap$1 clear()V
class java/util/TreeMap java/util/AbstractMap
java/util/TreeMap comparator
java/util/TreeMap root
java/util/TreeMap size
java/util/TreeMap modCount
java/util/TreeMap entrySet
java/util/TreeMap RED
java/util/TreeMap BLACK
java/util/TreeMap serialVersionUID
java/util/TreeMap incrementSize()V
java/util/TreeMap decrementSize()V
java/util/TreeMap <init>()V
java/util/TreeMap <init>(Ljava/util/Comparator;)V
java/util/TreeMap <init>(Ljava/util/Map;)V
java/util/TreeMap <init>(Ljava/util/SortedMap;)V
java/util/TreeMap size()I
java/util/TreeMap containsKey(Ljava/lang/Object;)Z
java/util/TreeMap containsValue(Ljava/lang/Object;)Z
java/util/TreeMap valueSearchNull(Ljava/util/TreeMap$Entry;)Z
java/util/TreeMap valueSearchNonNull(Ljava/util/TreeMap$Entry;Ljava/lang/Object;)Z

java/util/TreeMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/TreeMap
comparator()Ljava/util/Comparator;
java/util/TreeMap firstKey()Ljava/lang/Object;
java/util/TreeMap lastKey()Ljava/lang/Object;
java/util/TreeMap putAll(Ljava/util/Map;)V
java/util/TreeMap getEntry(Ljava/lang/Object;)Ljava/util/TreeMap$Entry;
java/util/TreeMap getCeilEntry(Ljava/lang/Object;)Ljava/util/TreeMap$Entry;
java/util/TreeMap getPrecedingEntry(Ljava/lang/Object;)Ljava/util/TreeMap$Entry;
java/util/TreeMap key(Ljava/util/TreeMap$Entry;)Ljava/lang/Object;
java/util/TreeMap put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/TreeMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/TreeMap clear()V
java/util/TreeMap clone()Ljava/lang/Object;
java/util/TreeMap keySet()Ljava/util/Set;
java/util/TreeMap values()Ljava/util/Collection;
java/util/TreeMap entrySet()Ljava/util/Set;
java/util/TreeMap subMap(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/TreeMap headMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/TreeMap
tailMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/TreeMap compare(Ljava/lang/Object;Ljava/lang/Object;)I
java/util/TreeMap valEquals(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/TreeMap firstEntry()Ljava/util/TreeMap$Entry;
java/util/TreeMap lastEntry()Ljava/util/TreeMap$Entry;
java/util/TreeMap successor(Ljava/util/TreeMap$Entry;)Ljava/util/TreeMap$Entry;
java/util/TreeMap colorOf(Ljava/util/TreeMap$Entry;)Z
java/util/TreeMap parentOf(Ljava/util/TreeMap$Entry;)Ljava/util/TreeMap$Entry;
java/util/TreeMap setColor(Ljava/util/TreeMap$Entry;Z)V
java/util/TreeMap leftOf(Ljava/util/TreeMap$Entry;)Ljava/util/TreeMap$Entry;
java/util/TreeMap rightOf(Ljava/util/TreeMap$Entry;)Ljava/util/TreeMap$Entry;
java/util/TreeMap rotateLeft(Ljava/util/TreeMap$Entry;)V
java/util/TreeMap rotateRight(Ljava/util/TreeMap$Entry;)V
java/util/TreeMap fixAfterInsertion(Ljava/util/TreeMap$Entry;)V
java/util/TreeMap deleteEntry(Ljava/util/TreeMap$Entry;)V
java/util/TreeMap
fixAfterDeletion(Ljava/util/TreeMap$Entry;)V
java/util/TreeMap writeObject(Ljava/io/ObjectOutputStream;)V
java/util/TreeMap readObject(Ljava/io/ObjectInputStream;)V
java/util/TreeMap readTreeSet(ILjava/io/ObjectInputStream;Ljava/lang/Object;)V
java/util/TreeMap addAllForTreeSet(Ljava/util/SortedSet;Ljava/lang/Object;)V
java/util/TreeMap buildFromSorted(ILjava/util/Iterator;Ljava/io/ObjectInputStream;Ljava/lang/Object;)V
java/util/TreeMap
buildFromSorted(IIIILjava/util/Iterator;Ljava/io/ObjectInputStream;Ljava/lang/Object;)Ljava/util/TreeMap$Entry;
java/util/TreeMap computeRedLevel(I)I
java/util/TreeMap access$100(Ljava/util/TreeMap;)I
java/util/TreeMap access$300(Ljava/util/TreeMap;)Ljava/util/TreeMap$Entry;
java/util/TreeMap access$400(Ljava/util/TreeMap;Ljava/util/TreeMap$Entry;)Ljava/util/TreeMap$Entry;

java/util/TreeMap access$500(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/TreeMap access$600(Ljava/util/TreeMap;Ljava/util/TreeMap$Entry;)V
java/util/TreeMap access$800(Ljava/util/TreeMap;Ljava/lang/Object;)Ljava/util/TreeMap$Entry;
java/util/TreeMap
 access$900(Ljava/util/TreeMap;Ljava/lang/Object;Ljava/lang/Object;)I
java/util/TreeMap access$1000(Ljava/util/TreeMap;)Ljava/util/Comparator;
java/util/TreeMap access$1100(Ljava/util/TreeMap;Ljava/lang/Object;)Ljava/util/TreeMap$Entry;
java/util/TreeMap access$1200(Ljava/util/TreeMap$Entry;)Ljava/lang/Object;
java/util/TreeMap access$1300(Ljava/util/TreeMap;)Ljava/util/TreeMap$Entry;
java/util/TreeMap access$1400(Ljava/util/TreeMap;Ljava/lang/Object;)Ljava/util/TreeMap$Entry;
java/util/TreeMap access$1600(Ljava/util/TreeMap;)I
class java/util/SortedMap java/lang/Object
java/util/SortedMap comparator()Ljava/util/Comparator;
java/util/SortedMap subMap(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/SortedMap headMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/SortedMap tailMap(Ljava/lang/Object;)Ljava/util/SortedMap;
java/util/SortedMap firstKey()Ljava/lang/Object;
java/util/SortedMap
 lastKey()Ljava/lang/Object;
class java/util/TreeSet java/util/AbstractSet
java/util/TreeSet m
java/util/TreeSet keySet
java/util/TreeSet PRESENT
java/util/TreeSet serialVersionUID
java/util/TreeSet <init>(Ljava/util/SortedMap;)V
java/util/TreeSet <init>()V
java/util/TreeSet <init>(Ljava/util/Comparator;)V
java/util/TreeSet <init>(Ljava/util/Collection;)V
java/util/TreeSet <init>(Ljava/util/SortedSet;)V
java/util/TreeSet iterator()Ljava/util/Iterator;
java/util/TreeSet size()I
java/util/TreeSet isEmpty()Z
java/util/TreeSet contains(Ljava/lang/Object;)Z
java/util/TreeSet add(Ljava/lang/Object;)Z
java/util/TreeSet remove(Ljava/lang/Object;)Z
java/util/TreeSet clear()V
java/util/TreeSet addAll(Ljava/util/Collection;)Z
java/util/TreeSet subSet(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/TreeSet headSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/TreeSet tailSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/TreeSet comparator()Ljava/util/Comparator;
java/util/TreeSet
 first()Ljava/lang/Object;
java/util/TreeSet last()Ljava/lang/Object;
java/util/TreeSet clone()Ljava/lang/Object;
java/util/TreeSet writeObject(Ljava/io/ObjectOutputStream;)V
java/util/TreeSet readObject(Ljava/io/ObjectInputStream;)V
java/util/TreeSet <clinit>()V

class java/util/SortedSet java/lang/Object
java/util/SortedSet comparator()Ljava/util/Comparator;
java/util/SortedSet subSet(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/SortedSet headSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/SortedSet tailSet(Ljava/lang/Object;)Ljava/util/SortedSet;
java/util/SortedSet first()Ljava/lang/Object;
java/util/SortedSet last()Ljava/lang/Object;
class java/awt/im/spi/InputMethodDescriptor java/lang/Object
java/awt/im/spi/InputMethodDescriptor getAvailableLocales()[Ljava/util/Locale;
java/awt/im/spi/InputMethodDescriptor hasDynamicLocaleList()Z
java/awt/im/spi/InputMethodDescriptor
getInputMethodDisplayName(Ljava/util/Locale;Ljava/util/Locale;)Ljava/lang/String;
java/awt/im/spi/InputMethodDescriptor
getInputMethodIcon(Ljava/util/Locale;)Ljava/awt/Image;
java/awt/im/spi/InputMethodDescriptor createInputMethod()Ljava/awt/im/spi/InputMethod;
class java/awt/peer/FontPeer java/lang/Object
class java/awt/peer/FileDialogPeer java/lang/Object
java/awt/peer/FileDialogPeer setFile(Ljava/lang/String;)V
java/awt/peer/FileDialogPeer setDirectory(Ljava/lang/String;)V
java/awt/peer/FileDialogPeer setFilenameFilter(Ljava/io/FilenameFilter;)V
class java/awt/peer/DialogPeer java/lang/Object
java/awt/peer/DialogPeer setTitle(Ljava/lang/String;)V
java/awt/peer/DialogPeer setResizable(Z)V
class java/util/Arrays java/lang/Object
java/util/Arrays INSERTIONSORT_THRESHOLD
java/util/Arrays <init>()V
java/util/Arrays sort([J)V
java/util/Arrays sort([JII)V
java/util/Arrays sort([I)V
java/util/Arrays sort([III)V
java/util/Arrays sort([S)V
java/util/Arrays sort([SII)V
java/util/Arrays sort([C)V
java/util/Arrays sort([CII)V
java/util/Arrays sort([B)V
java/util/Arrays
sort([BII)V
java/util/Arrays sort([D)V
java/util/Arrays sort([DII)V
java/util/Arrays sort([F)V
java/util/Arrays sort([FII)V
java/util/Arrays sort2([DII)V
java/util/Arrays sort2([FII)V
java/util/Arrays sort1([JII)V
java/util/Arrays swap([JII)V
java/util/Arrays vecswap([JIII)V
java/util/Arrays med3([JIII)I
java/util/Arrays sort1([III)V

java/util/Arrays swap([III)V
java/util/Arrays vecswap([IIII)V
java/util/Arrays med3([IIII)I
java/util/Arrays sort1([SII)V
java/util/Arrays swap([SII)V
java/util/Arrays vecswap([SIII)V
java/util/Arrays med3([SIII)I
java/util/Arrays sort1([CII)V
java/util/Arrays swap([CII)V
java/util/Arrays vecswap([CIII)V
java/util/Arrays med3([CIII)I
java/util/Arrays sort1([BII)V
java/util/Arrays swap([BII)V
java/util/Arrays vecswap([BIII)V
java/util/Arrays med3([BIII)I
java/util/Arrays sort1([DII)V
java/util/Arrays swap([DII)V
java/util/Arrays vecswap([DIII)V
java/util/Arrays med3([DIII)I
java/util/Arrays sort1([FII)V
java/util/Arrays swap([FII)V
java/util/Arrays
vecswap([FIII)V
java/util/Arrays med3([FIII)I
java/util/Arrays sort([Ljava/lang/Object;)V
java/util/Arrays sort([Ljava/lang/Object;II)V
java/util/Arrays cloneSubarray([Ljava/lang/Object;II)[Ljava/lang/Object;
java/util/Arrays mergeSort([Ljava/lang/Object;[Ljava/lang/Object;III)V
java/util/Arrays swap([Ljava/lang/Object;II)V
java/util/Arrays sort([Ljava/lang/Object;Ljava/util/Comparator;)V
java/util/Arrays sort([Ljava/lang/Object;IILjava/util/Comparator;)V
java/util/Arrays mergeSort([Ljava/lang/Object;[Ljava/lang/Object;IIILjava/util/Comparator;)V
java/util/Arrays rangeCheck(III)V
java/util/Arrays binarySearch([JJ)I
java/util/Arrays binarySearch([II)I
java/util/Arrays binarySearch([SS)I
java/util/Arrays binarySearch([CC)I
java/util/Arrays binarySearch([BB)I
java/util/Arrays binarySearch([DD)I
java/util/Arrays binarySearch([DDII)I
java/util/Arrays binarySearch([FF)I
java/util/Arrays binarySearch([FFII)I
java/util/Arrays binarySearch([Ljava/lang/Object;Ljava/lang/Object;)I
java/util/Arrays
binarySearch([Ljava/lang/Object;Ljava/lang/Object;Ljava/util/Comparator;)I
java/util/Arrays equals([J[J)Z
java/util/Arrays equals([I[I)Z
java/util/Arrays equals([S[S)Z

java/util/Arrays equals([C[C)Z
java/util/Arrays equals([B[B)Z
java/util/Arrays equals([Z[Z)Z
java/util/Arrays equals([D[D)Z
java/util/Arrays equals([F[F)Z
java/util/Arrays equals([Ljava/lang/Object;[Ljava/lang/Object;)Z
java/util/Arrays fill([JJ)V
java/util/Arrays fill([JIIJ)V
java/util/Arrays fill([II)V
java/util/Arrays fill([IIII)V
java/util/Arrays fill([SS)V
java/util/Arrays fill([SIIS)V
java/util/Arrays fill([CC)V
java/util/Arrays fill([CIIC)V
java/util/Arrays fill([BB)V
java/util/Arrays fill([BIIB)V
java/util/Arrays fill([ZZ)V
java/util/Arrays fill([ZIIZ)V
java/util/Arrays fill([DD)V
java/util/Arrays fill([DIID)V
java/util/Arrays fill([FF)V
java/util/Arrays fill([FIIF)V
java/util/Arrays fill([Ljava/lang/Object;Ljava/lang/Object;)V
java/util/Arrays fill([Ljava/lang/Object;IILjava/lang/Object;)V
java/util/Arrays
asList([Ljava/lang/Object;)Ljava/util/List;
java/util/Arrays hashCode([J)I
java/util/Arrays hashCode([I)I
java/util/Arrays hashCode([S)I
java/util/Arrays hashCode([C)I
java/util/Arrays hashCode([B)I
java/util/Arrays hashCode([Z)I
java/util/Arrays hashCode([F)I
java/util/Arrays hashCode([D)I
java/util/Arrays hashCode([Ljava/lang/Object;)I
java/util/Arrays deepHashCode([Ljava/lang/Object;)I
java/util/Arrays deepEquals([Ljava/lang/Object;[Ljava/lang/Object;)Z
java/util/Arrays toString([J)Ljava/lang/String;
java/util/Arrays toString([I)Ljava/lang/String;
java/util/Arrays toString([S)Ljava/lang/String;
java/util/Arrays toString([C)Ljava/lang/String;
java/util/Arrays toString([B)Ljava/lang/String;
java/util/Arrays toString([Z)Ljava/lang/String;
java/util/Arrays toString([F)Ljava/lang/String;
java/util/Arrays toString([D)Ljava/lang/String;
java/util/Arrays toString([Ljava/lang/Object;)Ljava/lang/String;
java/util/Arrays deepToString([Ljava/lang/Object;)Ljava/lang/String;
java/util/Arrays deepToString([Ljava/lang/Object;Ljava/lang/StringBuilder;Ljava/util/Set;)V

class
java/awt/event/ActionEvent java/awt/AWTEvent
java/awt/event/ActionEvent SHIFT_MASK
java/awt/event/ActionEvent CTRL_MASK
java/awt/event/ActionEvent META_MASK
java/awt/event/ActionEvent ALT_MASK
java/awt/event/ActionEvent ACTION_FIRST
java/awt/event/ActionEvent ACTION_LAST
java/awt/event/ActionEvent ACTION_PERFORMED
java/awt/event/ActionEvent actionCommand
java/awt/event/ActionEvent when
java/awt/event/ActionEvent modifiers
java/awt/event/ActionEvent serialVersionUID
java/awt/event/ActionEvent <init>(Ljava/lang/Object;ILjava/lang/String;)V
java/awt/event/ActionEvent <init>(Ljava/lang/Object;ILjava/lang/String;I)V
java/awt/event/ActionEvent <init>(Ljava/lang/Object;ILjava/lang/String;JI)V
java/awt/event/ActionEvent getActionCommand()Ljava/lang/String;
java/awt/event/ActionEvent getWhen()J
java/awt/event/ActionEvent getModifiers()I
java/awt/event/ActionEvent paramString()Ljava/lang/String;
class java/awt/event/InputMethodEvent
java/awt/AWTEvent
java/awt/event/InputMethodEvent serialVersionUID
java/awt/event/InputMethodEvent INPUT_METHOD_FIRST
java/awt/event/InputMethodEvent INPUT_METHOD_TEXT_CHANGED
java/awt/event/InputMethodEvent CARET_POSITION_CHANGED
java/awt/event/InputMethodEvent INPUT_METHOD_LAST
java/awt/event/InputMethodEvent when
java/awt/event/InputMethodEvent text
java/awt/event/InputMethodEvent committedCharacterCount
java/awt/event/InputMethodEvent caret
java/awt/event/InputMethodEvent visiblePosition
java/awt/event/InputMethodEvent
<init>(Ljava/awt/Component;IJLjava/text/AttributedCharacterIterator;ILjava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;)V
java/awt/event/InputMethodEvent
<init>(Ljava/awt/Component;ILjava/text/AttributedCharacterIterator;ILjava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;)V
java/awt/event/InputMethodEvent
<init>(Ljava/awt/Component;ILjava/awt/font/TextHitInfo;Ljava/awt/font/TextHitInfo;)V
java/awt/event/InputMethodEvent getText()Ljava/text/AttributedCharacterIterator;
java/awt/event/InputMethodEvent
getCommittedCharacterCount()I
java/awt/event/InputMethodEvent getCaret()Ljava/awt/font/TextHitInfo;
java/awt/event/InputMethodEvent getVisiblePosition()Ljava/awt/font/TextHitInfo;
java/awt/event/InputMethodEvent consume()V
java/awt/event/InputMethodEvent isConsumed()Z
java/awt/event/InputMethodEvent getWhen()J

java/awt/event/InputMethodEvent paramString()Ljava/lang/String;
java/awt/event/InputMethodEvent readObject(Ljava/io/ObjectInputStream;)V
class java/awt/dnd/peer/DragSourceContextPeer java/lang/Object
java/awt/dnd/peer/DragSourceContextPeer
startDrag(Ljava/awt/dnd/DragSourceContext;Ljava/awt/Cursor;Ljava/awt/Image;Ljava/awt/Point;)V
java/awt/dnd/peer/DragSourceContextPeer getCursor()Ljava/awt/Cursor;
java/awt/dnd/peer/DragSourceContextPeer setCursor(Ljava/awt/Cursor;)V
java/awt/dnd/peer/DragSourceContextPeer transferablesFlavorsChanged()V
class java/awt/EventDispatchThread$1 java/lang/Object
java/awt/EventDispatchThread$1 this$0
java/awt/EventDispatchThread$1
 <init>(Ljava/awt/EventDispatchThread;)V
java/awt/EventDispatchThread$1 evaluate()Z
class java/awt/Conditional java/lang/Object
java/awt/Conditional evaluate()Z
class java/awt/EventQueueItem java/lang/Object
java/awt/EventQueueItem event
java/awt/EventQueueItem id
java/awt/EventQueueItem next
java/awt/EventQueueItem <init>(Ljava/awt/AWTEvent;)V
class java/awt/EventDispatchThread java/lang/Thread
java/awt/EventDispatchThread dbg
java/awt/EventDispatchThread theQueue
java/awt/EventDispatchThread doDispatch
java/awt/EventDispatchThread ANY_EVENT
java/awt/EventDispatchThread handlerPropName
java/awt/EventDispatchThread handlerClassName
java/awt/EventDispatchThread NO_HANDLER
java/awt/EventDispatchThread <init>(Ljava/lang/ThreadGroup;Ljava/lang/String;Ljava/awt/EventQueue;)V
java/awt/EventDispatchThread stopDispatchingImpl(Z)V
java/awt/EventDispatchThread stopDispatching()V
java/awt/EventDispatchThread stopDispatchingLater()V
java/awt/EventDispatchThread
 run()V
java/awt/EventDispatchThread pumpEvents(Ljava/awt/Conditional;)V
java/awt/EventDispatchThread pumpEventsForHierarchy(Ljava/awt/Conditional;Ljava/awt/Component;)V
java/awt/EventDispatchThread pumpEvents(ILjava/awt/Conditional;)V
java/awt/EventDispatchThread pumpEventsForHierarchy(ILjava/awt/Conditional;Ljava/awt/Component;)V
java/awt/EventDispatchThread
checkMouseEventForModalJInternalFrame(Ljava/awt/event/MouseEvent;Ljava/awt/Component;)Z
java/awt/EventDispatchThread pumpOneEventForHierarchy(ILjava/awt/Component;)Z
java/awt/EventDispatchThread processException(Ljava/lang/Throwable;Z)V
java/awt/EventDispatchThread handleException(Ljava/lang/Throwable;)Z
java/awt/EventDispatchThread isDispatching(Ljava/awt/EventQueue;)Z
java/awt/EventDispatchThread getEventQueue()Ljava/awt/EventQueue;
java/awt/EventDispatchThread access$002(Ljava/awt/EventDispatchThread;Z)Z
java/awt/EventDispatchThread <clinit>()V
class java/awt/EventQueue$1 java/lang/Object

java/awt/EventQueue$1 this$0
java/awt/EventQueue$1
 <init>(Ljava/awt/EventQueue;)V
java/awt/EventQueue$1 run()Ljava/lang/Object;
class java/awt/event/InvocationEvent java/awt/AWTEvent
java/awt/event/InvocationEvent INVOCATION_FIRST
java/awt/event/InvocationEvent INVOCATION_DEFAULT
java/awt/event/InvocationEvent INVOCATION_LAST
java/awt/event/InvocationEvent runnable
java/awt/event/InvocationEvent notifier
java/awt/event/InvocationEvent catchExceptions
java/awt/event/InvocationEvent exception
java/awt/event/InvocationEvent throwable
java/awt/event/InvocationEvent when
java/awt/event/InvocationEvent serialVersionUID
java/awt/event/InvocationEvent <init>(Ljava/lang/Object;Ljava/lang/Runnable;)V
java/awt/event/InvocationEvent <init>(Ljava/lang/Object;Ljava/lang/Runnable;Ljava/lang/Object;Z)V
java/awt/event/InvocationEvent <init>(Ljava/lang/Object;ILjava/lang/Runnable;Ljava/lang/Object;Z)V
java/awt/event/InvocationEvent dispatch()V
java/awt/event/InvocationEvent getException()Ljava/lang/Exception;
java/awt/event/InvocationEvent getThrowable()Ljava/lang/Throwable;
java/awt/event/InvocationEvent
 getWhen()J
java/awt/event/InvocationEvent paramString()Ljava/lang/String;
class java/awt/ActiveEvent java/lang/Object
java/awt/ActiveEvent dispatch()V
class java/beans/PropertyChangeListener java/lang/Object
java/beans/PropertyChangeListener propertyChange(Ljava/beans/PropertyChangeEvent;)V
class java/awt/peer/CanvasPeer java/lang/Object
class java/awt/peer/PanelPeer java/lang/Object
class java/awt/peer/FramePeer java/lang/Object
java/awt/peer/FramePeer setTitle(Ljava/lang/String;)V
java/awt/peer/FramePeer setIconImage(Ljava/awt/Image;)V
java/awt/peer/FramePeer setMenuBar(Ljava/awt/MenuBar;)V
java/awt/peer/FramePeer setResizable(Z)V
java/awt/peer/FramePeer setState(I)V
java/awt/peer/FramePeer getState()I
java/awt/peer/FramePeer setMaximizedBounds(Ljava/awt/Rectangle;)V
java/awt/peer/FramePeer setBoundsPrivate(IIII)V
class java/awt/peer/WindowPeer java/lang/Object
java/awt/peer/WindowPeer toFront()V
java/awt/peer/WindowPeer
 toBack()V
java/awt/peer/WindowPeer updateAlwaysOnTop()V
java/awt/peer/WindowPeer updateFocusableWindowState()V
java/awt/peer/WindowPeer requestWindowFocus()Z
class java/awt/peer/ContainerPeer java/lang/Object
java/awt/peer/ContainerPeer getInsets()Ljava/awt/Insets;

java/awt/peer/ContainerPeer beginValidate()V
java/awt/peer/ContainerPeer endValidate()V
java/awt/peer/ContainerPeer beginLayout()V
java/awt/peer/ContainerPeer endLayout()V
java/awt/peer/ContainerPeer isPaintPending()Z
java/awt/peer/ContainerPeer cancelPendingPaint(IIII)V
java/awt/peer/ContainerPeer restack()V
java/awt/peer/ContainerPeer isRestackSupported()Z
java/awt/peer/ContainerPeer insets()Ljava/awt/Insets;
class java/awt/peer/KeyboardFocusManagerPeer java/lang/Object
java/awt/peer/KeyboardFocusManagerPeer setCurrentFocusedWindow(Ljava/awt/Window;)V
java/awt/peer/KeyboardFocusManagerPeer getCurrentFocusedWindow()Ljava/awt/Window;
java/awt/peer/KeyboardFocusManagerPeer setCurrentFocusOwner(Ljava/awt/Component;)V
java/awt/peer/KeyboardFocusManagerPeer
 getCurrentFocusOwner()Ljava/awt/Component;
java/awt/peer/KeyboardFocusManagerPeer clearGlobalFocusOwner(Ljava/awt/Window;)V
class java/util/Collections$UnmodifiableSet java/util/Collections$UnmodifiableCollection
java/util/Collections$UnmodifiableSet serialVersionUID
java/util/Collections$UnmodifiableSet <init>(Ljava/util/Set;)V
java/util/Collections$UnmodifiableSet equals(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableSet hashCode()I
class java/util/Collections$UnmodifiableCollection java/lang/Object
java/util/Collections$UnmodifiableCollection serialVersionUID
java/util/Collections$UnmodifiableCollection c
java/util/Collections$UnmodifiableCollection <init>(Ljava/util/Collection;)V
java/util/Collections$UnmodifiableCollection size()I
java/util/Collections$UnmodifiableCollection isEmpty()Z
java/util/Collections$UnmodifiableCollection contains(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableCollection toArray()[Ljava/lang/Object;
java/util/Collections$UnmodifiableCollection
 toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/Collections$UnmodifiableCollection toString()Ljava/lang/String;
java/util/Collections$UnmodifiableCollection iterator()Ljava/util/Iterator;
java/util/Collections$UnmodifiableCollection add(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableCollection remove(Ljava/lang/Object;)Z
java/util/Collections$UnmodifiableCollection containsAll(Ljava/util/Collection;)Z
java/util/Collections$UnmodifiableCollection addAll(Ljava/util/Collection;)Z
java/util/Collections$UnmodifiableCollection removeAll(Ljava/util/Collection;)Z
java/util/Collections$UnmodifiableCollection retainAll(Ljava/util/Collection;)Z
java/util/Collections$UnmodifiableCollection clear()V
class java/awt/MutableBoolean java/lang/Object
java/awt/MutableBoolean value
java/awt/MutableBoolean <init>()V
class java/awt/DefaultFocusTraversalPolicy java/awt/ContainerOrderFocusTraversalPolicy
java/awt/DefaultFocusTraversalPolicy <init>()V
java/awt/DefaultFocusTraversalPolicy
 accept(Ljava/awt/Component;)Z
class java/awt/ContainerOrderFocusTraversalPolicy java/awt/FocusTraversalPolicy

java/awt/ContainerOrderFocusTraversalPolicy found
java/awt/ContainerOrderFocusTraversalPolicy log
java/awt/ContainerOrderFocusTraversalPolicy serialVersionUID
java/awt/ContainerOrderFocusTraversalPolicy implicitDownCycleTraversal
java/awt/ContainerOrderFocusTraversalPolicy <init>()V
java/awt/ContainerOrderFocusTraversalPolicy
getComponentAfter(Ljava/awt/Container;Ljava/awt/Component;)Ljava/awt/Component;
java/awt/ContainerOrderFocusTraversalPolicy
getComponentAfter(Ljava/awt/Container;Ljava/awt/Component;Ljava/awt/MutableBoolean;)Ljava/awt/Component
;
java/awt/ContainerOrderFocusTraversalPolicy
getComponentBefore(Ljava/awt/Container;Ljava/awt/Component;)Ljava/awt/Component;
java/awt/ContainerOrderFocusTraversalPolicy
getComponentBefore(Ljava/awt/Container;Ljava/awt/Component;Ljava/awt/MutableBoolean;)Ljava/awt/Compone
nt;
java/awt/ContainerOrderFocusTraversalPolicy
 getFirstComponent(Ljava/awt/Container;)Ljava/awt/Component;
java/awt/ContainerOrderFocusTraversalPolicy getLastComponent(Ljava/awt/Container;)Ljava/awt/Component;
java/awt/ContainerOrderFocusTraversalPolicy getDefaultComponent(Ljava/awt/Container;)Ljava/awt/Component;
java/awt/ContainerOrderFocusTraversalPolicy setImplicitDownCycleTraversal(Z)V
java/awt/ContainerOrderFocusTraversalPolicy getImplicitDownCycleTraversal()Z
java/awt/ContainerOrderFocusTraversalPolicy accept(Ljava/awt/Component;)Z
java/awt/ContainerOrderFocusTraversalPolicy <clinit>()V
class java/awt/FocusTraversalPolicy java/lang/Object
java/awt/FocusTraversalPolicy <init>()V
java/awt/FocusTraversalPolicy
getComponentAfter(Ljava/awt/Container;Ljava/awt/Component;)Ljava/awt/Component;
java/awt/FocusTraversalPolicy
getComponentBefore(Ljava/awt/Container;Ljava/awt/Component;)Ljava/awt/Component;
java/awt/FocusTraversalPolicy getFirstComponent(Ljava/awt/Container;)Ljava/awt/Component;
java/awt/FocusTraversalPolicy
 getLastComponent(Ljava/awt/Container;)Ljava/awt/Component;
java/awt/FocusTraversalPolicy getDefaultComponent(Ljava/awt/Container;)Ljava/awt/Component;
java/awt/FocusTraversalPolicy getInitialComponent(Ljava/awt/Window;)Ljava/awt/Component;
class java/awt/DefaultKeyboardFocusManager java/awt/KeyboardFocusManager
java/awt/DefaultKeyboardFocusManager focusLog
java/awt/DefaultKeyboardFocusManager realOppositeWindow
java/awt/DefaultKeyboardFocusManager realOppositeComponent
java/awt/DefaultKeyboardFocusManager inSendMessage
java/awt/DefaultKeyboardFocusManager enqueuedKeyEvents
java/awt/DefaultKeyboardFocusManager typeAheadMarkers
java/awt/DefaultKeyboardFocusManager consumeNextKeyTyped
java/awt/DefaultKeyboardFocusManager <init>()V
java/awt/DefaultKeyboardFocusManager getOwningFrameDialog(Ljava/awt/Window;)Ljava/awt/Window;
java/awt/DefaultKeyboardFocusManager restoreFocus(Ljava/awt/event/FocusEvent;Ljava/awt/Window;)V
java/awt/DefaultKeyboardFocusManager restoreFocus(Ljava/awt/event/WindowEvent;)V
java/awt/DefaultKeyboardFocusManager

restoreFocus(Ljava/awt/Window;Ljava/awt/Component;Z)Z
java/awt/DefaultKeyboardFocusManager restoreFocus(Ljava/awt/Component;Z)Z
java/awt/DefaultKeyboardFocusManager sendMessage(Ljava/awt/Component;Ljava/awt/AWTEvent;)Z
java/awt/DefaultKeyboardFocusManager dispatchEvent(Ljava/awt/AWTEvent;)Z
java/awt/DefaultKeyboardFocusManager dispatchKeyEvent(Ljava/awt/event/KeyEvent;)Z
java/awt/DefaultKeyboardFocusManager postProcessKeyEvent(Ljava/awt/event/KeyEvent;)Z
java/awt/DefaultKeyboardFocusManager pumpApprovedKeyEvents()V
java/awt/DefaultKeyboardFocusManager dumpMarkers()V
java/awt/DefaultKeyboardFocusManager typeAheadAssertions(Ljava/awt/Component;Ljava/awt/AWTEvent;)Z
java/awt/DefaultKeyboardFocusManager hasMarker(Ljava/awt/Component;)Z
java/awt/DefaultKeyboardFocusManager clearMarkers()V
java/awt/DefaultKeyboardFocusManager preDispatchKeyEvent(Ljava/awt/event/KeyEvent;)Z
java/awt/DefaultKeyboardFocusManager consumeTraversalKey(Ljava/awt/event/KeyEvent;)V
java/awt/DefaultKeyboardFocusManager
consumeProcessedKeyEvent(Ljava/awt/event/KeyEvent;)Z
java/awt/DefaultKeyboardFocusManager processKeyEvent(Ljava/awt/Component;Ljava/awt/event/KeyEvent;)V
java/awt/DefaultKeyboardFocusManager enqueueKeyEvents(JLjava/awt/Component;)V
java/awt/DefaultKeyboardFocusManager dequeueKeyEvents(JLjava/awt/Component;)V
java/awt/DefaultKeyboardFocusManager discardKeyEvents(Ljava/awt/Component;)V
java/awt/DefaultKeyboardFocusManager purgeStampedEvents(JJ)V
java/awt/DefaultKeyboardFocusManager focusPreviousComponent(Ljava/awt/Component;)V
java/awt/DefaultKeyboardFocusManager focusNextComponent(Ljava/awt/Component;)V
java/awt/DefaultKeyboardFocusManager upFocusCycle(Ljava/awt/Component;)V
java/awt/DefaultKeyboardFocusManager downFocusCycle(Ljava/awt/Container;)V
java/awt/DefaultKeyboardFocusManager access$008(Ljava/awt/DefaultKeyboardFocusManager;)I
java/awt/DefaultKeyboardFocusManager access$010(Ljava/awt/DefaultKeyboardFocusManager;)I
java/awt/DefaultKeyboardFocusManager
<clinit>()V
class java/util/LinkedList$Entry java/lang/Object
java/util/LinkedList$Entry element
java/util/LinkedList$Entry next
java/util/LinkedList$Entry previous
java/util/LinkedList$Entry <init>(Ljava/lang/Object;Ljava/util/LinkedList$Entry;Ljava/util/LinkedList$Entry;)V
class java/util/LinkedList java/util/AbstractSequentialList
java/util/LinkedList header
java/util/LinkedList size
java/util/LinkedList serialVersionUID
java/util/LinkedList <init>()V
java/util/LinkedList <init>(Ljava/util/Collection;)V
java/util/LinkedList getFirst()Ljava/lang/Object;
java/util/LinkedList getLast()Ljava/lang/Object;
java/util/LinkedList removeFirst()Ljava/lang/Object;
java/util/LinkedList removeLast()Ljava/lang/Object;
java/util/LinkedList addFirst(Ljava/lang/Object;)V
java/util/LinkedList addLast(Ljava/lang/Object;)V
java/util/LinkedList contains(Ljava/lang/Object;)Z
java/util/LinkedList size()I
java/util/LinkedList add(Ljava/lang/Object;)Z

java/util/LinkedList remove(Ljava/lang/Object;)Z
java/util/LinkedList
addAll(Ljava/util/Collection;)Z
java/util/LinkedList addAll(ILjava/util/Collection;)Z
java/util/LinkedList clear()V
java/util/LinkedList get(I)Ljava/lang/Object;
java/util/LinkedList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/LinkedList add(ILjava/lang/Object;)V
java/util/LinkedList remove(I)Ljava/lang/Object;
java/util/LinkedList entry(I)Ljava/util/LinkedList$Entry;
java/util/LinkedList indexOf(Ljava/lang/Object;)I
java/util/LinkedList lastIndexOf(Ljava/lang/Object;)I
java/util/LinkedList peek()Ljava/lang/Object;
java/util/LinkedList element()Ljava/lang/Object;
java/util/LinkedList poll()Ljava/lang/Object;
java/util/LinkedList remove()Ljava/lang/Object;
java/util/LinkedList offer(Ljava/lang/Object;)Z
java/util/LinkedList listIterator(I)Ljava/util/ListIterator;
java/util/LinkedList addBefore(Ljava/lang/Object;Ljava/util/LinkedList$Entry;)Ljava/util/LinkedList$Entry;
java/util/LinkedList remove(Ljava/util/LinkedList$Entry;)Ljava/lang/Object;
java/util/LinkedList
clone()Ljava/lang/Object;
java/util/LinkedList toArray()[Ljava/lang/Object;
java/util/LinkedList toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/LinkedList writeObject(Ljava/io/ObjectOutputStream;)V
java/util/LinkedList readObject(Ljava/io/ObjectInputStream;)V
java/util/LinkedList access$000(Ljava/util/LinkedList;)Ljava/util/LinkedList$Entry;
java/util/LinkedList access$100(Ljava/util/LinkedList;)I
java/util/LinkedList access$200(Ljava/util/LinkedList;Ljava/util/LinkedList$Entry;)Ljava/lang/Object;
java/util/LinkedList
access$300(Ljava/util/LinkedList;Ljava/lang/Object;Ljava/util/LinkedList$Entry;)Ljava/util/LinkedList$Entry;
class java/util/AbstractSequentialList java/util/AbstractList
java/util/AbstractSequentialList <init>()V
java/util/AbstractSequentialList get(I)Ljava/lang/Object;
java/util/AbstractSequentialList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/AbstractSequentialList add(ILjava/lang/Object;)V
java/util/AbstractSequentialList
remove(I)Ljava/lang/Object;
java/util/AbstractSequentialList addAll(ILjava/util/Collection;)Z
java/util/AbstractSequentialList iterator()Ljava/util/Iterator;
java/util/AbstractSequentialList listIterator(I)Ljava/util/ListIterator;
class java/util/Queue java/lang/Object
java/util/Queue offer(Ljava/lang/Object;)Z
java/util/Queue poll()Ljava/lang/Object;
java/util/Queue remove()Ljava/lang/Object;
java/util/Queue peek()Ljava/lang/Object;
java/util/Queue element()Ljava/lang/Object;
class java/awt/AWTKeyStroke$1 java/lang/Object

java/awt/AWTKeyStroke$1 val$clazz
java/awt/AWTKeyStroke$1 <init>(Ljava/lang/Class;)V
java/awt/AWTKeyStroke$1 run()Ljava/lang/Object;
class java/awt/AWTKeyStroke java/lang/Object
java/awt/AWTKeyStroke serialVersionUID
java/awt/AWTKeyStroke cache
java/awt/AWTKeyStroke cacheKey
java/awt/AWTKeyStroke ctor
java/awt/AWTKeyStroke modifierKeywords
java/awt/AWTKeyStroke vks
java/awt/AWTKeyStroke keyChar
java/awt/AWTKeyStroke keyCode
java/awt/AWTKeyStroke modifiers
java/awt/AWTKeyStroke
 onKeyRelease
java/awt/AWTKeyStroke $assertionsDisabled
java/awt/AWTKeyStroke <init>()V
java/awt/AWTKeyStroke <init>(CIIZ)V
java/awt/AWTKeyStroke registerSubclass(Ljava/lang/Class;)V
java/awt/AWTKeyStroke getCtor(Ljava/lang/Class;)Ljava/lang/reflect/Constructor;
java/awt/AWTKeyStroke getCachedStroke(CIIZ)Ljava/awt/AWTKeyStroke;
java/awt/AWTKeyStroke getAWTKeyStroke(C)Ljava/awt/AWTKeyStroke;
java/awt/AWTKeyStroke getAWTKeyStroke(Ljava/lang/Character;I)Ljava/awt/AWTKeyStroke;
java/awt/AWTKeyStroke getAWTKeyStroke(IIZ)Ljava/awt/AWTKeyStroke;
java/awt/AWTKeyStroke getAWTKeyStroke(II)Ljava/awt/AWTKeyStroke;
java/awt/AWTKeyStroke getAWTKeyStrokeForEvent(Ljava/awt/event/KeyEvent;)Ljava/awt/AWTKeyStroke;
java/awt/AWTKeyStroke getAWTKeyStroke(Ljava/lang/String;)Ljava/awt/AWTKeyStroke;
java/awt/AWTKeyStroke getVKCollection()Ljava/awt/VKCollection;
java/awt/AWTKeyStroke getVKValue(Ljava/lang/String;)I
java/awt/AWTKeyStroke getKeyChar()C
java/awt/AWTKeyStroke getKeyCode()I
java/awt/AWTKeyStroke
 getModifiers()I
java/awt/AWTKeyStroke isOnKeyRelease()Z
java/awt/AWTKeyStroke getKeyEventType()I
java/awt/AWTKeyStroke hashCode()I
java/awt/AWTKeyStroke equals(Ljava/lang/Object;)Z
java/awt/AWTKeyStroke toString()Ljava/lang/String;
java/awt/AWTKeyStroke getModifiersText(I)Ljava/lang/String;
java/awt/AWTKeyStroke getVKText(I)Ljava/lang/String;
java/awt/AWTKeyStroke readResolve()Ljava/lang/Object;
java/awt/AWTKeyStroke mapOldModifiers(I)I
java/awt/AWTKeyStroke mapNewModifiers(I)I
java/awt/AWTKeyStroke <clinit>()V
class java/awt/event/NativeLibLoader java/lang/Object
java/awt/event/NativeLibLoader <init>()V
java/awt/event/NativeLibLoader loadLibraries()V
class java/awt/event/KeyEvent java/awt/event/InputEvent

java/awt/event/KeyEvent isProxyActive
java/awt/event/KeyEvent KEY_FIRST
java/awt/event/KeyEvent KEY_LAST
java/awt/event/KeyEvent KEY_TYPED
java/awt/event/KeyEvent KEY_PRESSED
java/awt/event/KeyEvent KEY_RELEASED
java/awt/event/KeyEvent VK_ENTER
java/awt/event/KeyEvent VK_BACK_SPACE
java/awt/event/KeyEvent
VK_TAB
java/awt/event/KeyEvent VK_CANCEL
java/awt/event/KeyEvent VK_CLEAR
java/awt/event/KeyEvent VK_SHIFT
java/awt/event/KeyEvent VK_CONTROL
java/awt/event/KeyEvent VK_ALT
java/awt/event/KeyEvent VK_PAUSE
java/awt/event/KeyEvent VK_CAPS_LOCK
java/awt/event/KeyEvent VK_ESCAPE
java/awt/event/KeyEvent VK_SPACE
java/awt/event/KeyEvent VK_PAGE_UP
java/awt/event/KeyEvent VK_PAGE_DOWN
java/awt/event/KeyEvent VK_END
java/awt/event/KeyEvent VK_HOME
java/awt/event/KeyEvent VK_LEFT
java/awt/event/KeyEvent VK_UP
java/awt/event/KeyEvent VK_RIGHT
java/awt/event/KeyEvent VK_DOWN
java/awt/event/KeyEvent VK_COMMA
java/awt/event/KeyEvent VK_MINUS
java/awt/event/KeyEvent VK_PERIOD
java/awt/event/KeyEvent VK_SLASH
java/awt/event/KeyEvent VK_0
java/awt/event/KeyEvent VK_1
java/awt/event/KeyEvent VK_2
java/awt/event/KeyEvent VK_3
java/awt/event/KeyEvent VK_4
java/awt/event/KeyEvent VK_5
java/awt/event/KeyEvent VK_6
java/awt/event/KeyEvent VK_7
java/awt/event/KeyEvent VK_8
java/awt/event/KeyEvent
VK_9
java/awt/event/KeyEvent VK_SEMICOLON
java/awt/event/KeyEvent VK_EQUALS
java/awt/event/KeyEvent VK_A
java/awt/event/KeyEvent VK_B
java/awt/event/KeyEvent VK_C
java/awt/event/KeyEvent VK_D

java/awt/event/KeyEvent VK_E
java/awt/event/KeyEvent VK_F
java/awt/event/KeyEvent VK_G
java/awt/event/KeyEvent VK_H
java/awt/event/KeyEvent VK_I
java/awt/event/KeyEvent VK_J
java/awt/event/KeyEvent VK_K
java/awt/event/KeyEvent VK_L
java/awt/event/KeyEvent VK_M
java/awt/event/KeyEvent VK_N
java/awt/event/KeyEvent VK_O
java/awt/event/KeyEvent VK_P
java/awt/event/KeyEvent VK_Q
java/awt/event/KeyEvent VK_R
java/awt/event/KeyEvent VK_S
java/awt/event/KeyEvent VK_T
java/awt/event/KeyEvent VK_U
java/awt/event/KeyEvent VK_V
java/awt/event/KeyEvent VK_W
java/awt/event/KeyEvent VK_X
java/awt/event/KeyEvent VK_Y
java/awt/event/KeyEvent VK_Z
java/awt/event/KeyEvent VK_OPEN_BRACKET
java/awt/event/KeyEvent VK_BACK_SLASH
java/awt/event/KeyEvent VK_CLOSE_BRACKET
java/awt/event/KeyEvent VK_NUMPAD0
java/awt/event/KeyEvent
VK_NUMPAD1
java/awt/event/KeyEvent VK_NUMPAD2
java/awt/event/KeyEvent VK_NUMPAD3
java/awt/event/KeyEvent VK_NUMPAD4
java/awt/event/KeyEvent VK_NUMPAD5
java/awt/event/KeyEvent VK_NUMPAD6
java/awt/event/KeyEvent VK_NUMPAD7
java/awt/event/KeyEvent VK_NUMPAD8
java/awt/event/KeyEvent VK_NUMPAD9
java/awt/event/KeyEvent VK_MULTIPLY
java/awt/event/KeyEvent VK_ADD
java/awt/event/KeyEvent VK_SEPARATER
java/awt/event/KeyEvent VK_SEPARATOR
java/awt/event/KeyEvent VK_SUBTRACT
java/awt/event/KeyEvent VK_DECIMAL
java/awt/event/KeyEvent VK_DIVIDE
java/awt/event/KeyEvent VK_DELETE
java/awt/event/KeyEvent VK_NUM_LOCK
java/awt/event/KeyEvent VK_SCROLL_LOCK
java/awt/event/KeyEvent VK_F1
java/awt/event/KeyEvent VK_F2

java/awt/event/KeyEvent VK_F3
java/awt/event/KeyEvent VK_F4
java/awt/event/KeyEvent VK_F5
java/awt/event/KeyEvent VK_F6
java/awt/event/KeyEvent VK_F7
java/awt/event/KeyEvent VK_F8
java/awt/event/KeyEvent VK_F9
java/awt/event/KeyEvent VK_F10
java/awt/event/KeyEvent
VK_F11
java/awt/event/KeyEvent VK_F12
java/awt/event/KeyEvent VK_F13
java/awt/event/KeyEvent VK_F14
java/awt/event/KeyEvent VK_F15
java/awt/event/KeyEvent VK_F16
java/awt/event/KeyEvent VK_F17
java/awt/event/KeyEvent VK_F18
java/awt/event/KeyEvent VK_F19
java/awt/event/KeyEvent VK_F20
java/awt/event/KeyEvent VK_F21
java/awt/event/KeyEvent VK_F22
java/awt/event/KeyEvent VK_F23
java/awt/event/KeyEvent VK_F24
java/awt/event/KeyEvent VK_PRINTSCREEN
java/awt/event/KeyEvent VK_INSERT
java/awt/event/KeyEvent VK_HELP
java/awt/event/KeyEvent VK_META
java/awt/event/KeyEvent VK_BACK_QUOTE
java/awt/event/KeyEvent VK_QUOTE
java/awt/event/KeyEvent VK_KP_UP
java/awt/event/KeyEvent VK_KP_DOWN
java/awt/event/KeyEvent VK_KP_LEFT
java/awt/event/KeyEvent VK_KP_RIGHT
java/awt/event/KeyEvent VK_DEAD_GRAVE
java/awt/event/KeyEvent VK_DEAD_ACUTE
java/awt/event/KeyEvent VK_DEAD_CIRCUMFLEX
java/awt/event/KeyEvent VK_DEAD_TILDE
java/awt/event/KeyEvent VK_DEAD_MACRON
java/awt/event/KeyEvent VK_DEAD_BREVE
java/awt/event/KeyEvent
VK_DEAD_ABOVEDOT
java/awt/event/KeyEvent VK_DEAD_DIAERESIS
java/awt/event/KeyEvent VK_DEAD_ABOVERING
java/awt/event/KeyEvent VK_DEAD_DOUBLEACUTE
java/awt/event/KeyEvent VK_DEAD_CARON
java/awt/event/KeyEvent VK_DEAD_CEDILLA
java/awt/event/KeyEvent VK_DEAD_OGONEK
java/awt/event/KeyEvent VK_DEAD_IOTA

java/awt/event/KeyEvent VK_DEAD_VOICED_SOUND
java/awt/event/KeyEvent VK_DEAD_SEMIVOICED_SOUND
java/awt/event/KeyEvent VK_AMPERSAND
java/awt/event/KeyEvent VK_ASTERISK
java/awt/event/KeyEvent VK_QUOTEDBL
java/awt/event/KeyEvent VK_LESS
java/awt/event/KeyEvent VK_GREATER
java/awt/event/KeyEvent VK_BRACELEFT
java/awt/event/KeyEvent VK_BRACERIGHT
java/awt/event/KeyEvent VK_AT
java/awt/event/KeyEvent VK_COLON
java/awt/event/KeyEvent VK_CIRCUMFLEX
java/awt/event/KeyEvent VK_DOLLAR
java/awt/event/KeyEvent VK_EURO_SIGN
java/awt/event/KeyEvent VK_EXCLAMATION_MARK
java/awt/event/KeyEvent VK_INVERTED_EXCLAMATION_MARK
java/awt/event/KeyEvent VK_LEFT_PARENTHESIS
java/awt/event/KeyEvent VK_NUMBER_SIGN
java/awt/event/KeyEvent
VK_PLUS
java/awt/event/KeyEvent VK_RIGHT_PARENTHESIS
java/awt/event/KeyEvent VK_UNDERSCORE
java/awt/event/KeyEvent VK_WINDOWS
java/awt/event/KeyEvent VK_CONTEXT_MENU
java/awt/event/KeyEvent VK_FINAL
java/awt/event/KeyEvent VK_CONVERT
java/awt/event/KeyEvent VK_NONCONVERT
java/awt/event/KeyEvent VK_ACCEPT
java/awt/event/KeyEvent VK_MODECHANGE
java/awt/event/KeyEvent VK_KANA
java/awt/event/KeyEvent VK_KANJI
java/awt/event/KeyEvent VK_ALPHANUMERIC
java/awt/event/KeyEvent VK_KATAKANA
java/awt/event/KeyEvent VK_HIRAGANA
java/awt/event/KeyEvent VK_FULL_WIDTH
java/awt/event/KeyEvent VK_HALF_WIDTH
java/awt/event/KeyEvent VK_ROMAN_CHARACTERS
java/awt/event/KeyEvent VK_ALL_CANDIDATES
java/awt/event/KeyEvent VK_PREVIOUS_CANDIDATE
java/awt/event/KeyEvent VK_CODE_INPUT
java/awt/event/KeyEvent VK_JAPANESE_KATAKANA
java/awt/event/KeyEvent VK_JAPANESE_HIRAGANA
java/awt/event/KeyEvent VK_JAPANESE_ROMAN
java/awt/event/KeyEvent VK_KANA_LOCK
java/awt/event/KeyEvent VK_INPUT_METHOD_ON_OFF
java/awt/event/KeyEvent
VK_CUT
java/awt/event/KeyEvent VK_COPY

java/awt/event/KeyEvent VK_PASTE
java/awt/event/KeyEvent VK_UNDO
java/awt/event/KeyEvent VK_AGAIN
java/awt/event/KeyEvent VK_FIND
java/awt/event/KeyEvent VK_PROPS
java/awt/event/KeyEvent VK_STOP
java/awt/event/KeyEvent VK_COMPOSE
java/awt/event/KeyEvent VK_ALT_GRAPH
java/awt/event/KeyEvent VK_BEGIN
java/awt/event/KeyEvent VK_UNDEFINED
java/awt/event/KeyEvent CHAR_UNDEFINED
java/awt/event/KeyEvent KEY_LOCATION_UNKNOWN
java/awt/event/KeyEvent KEY_LOCATION_STANDARD
java/awt/event/KeyEvent KEY_LOCATION_LEFT
java/awt/event/KeyEvent KEY_LOCATION_RIGHT
java/awt/event/KeyEvent KEY_LOCATION_NUMPAD
java/awt/event/KeyEvent keyCode
java/awt/event/KeyEvent keyChar
java/awt/event/KeyEvent keyLocation
java/awt/event/KeyEvent serialVersionUID
java/awt/event/KeyEvent initIDs()V
java/awt/event/KeyEvent <init>(Ljava/awt/Component;IJIICIZ)V
java/awt/event/KeyEvent <init>(Ljava/awt/Component;IJIICI)V
java/awt/event/KeyEvent
 <init>(Ljava/awt/Component;IJIIC)V
java/awt/event/KeyEvent <init>(Ljava/awt/Component;IJII)V
java/awt/event/KeyEvent getKeyCode()I
java/awt/event/KeyEvent setKeyCode(I)V
java/awt/event/KeyEvent getKeyChar()C
java/awt/event/KeyEvent setKeyChar(C)V
java/awt/event/KeyEvent setModifiers(I)V
java/awt/event/KeyEvent getKeyLocation()I
java/awt/event/KeyEvent getKeyText(I)Ljava/lang/String;
java/awt/event/KeyEvent getKeyModifiersText(I)Ljava/lang/String;
java/awt/event/KeyEvent isActionKey()Z
java/awt/event/KeyEvent paramString()Ljava/lang/String;
java/awt/event/KeyEvent setNewModifiers()V
java/awt/event/KeyEvent setOldModifiers()V
java/awt/event/KeyEvent readObject(Ljava/io/ObjectInputStream;)V
java/awt/event/KeyEvent <clinit>()V
class java/awt/event/InputEvent java/awt/event/ComponentEvent
java/awt/event/InputEvent SHIFT_MASK
java/awt/event/InputEvent CTRL_MASK
java/awt/event/InputEvent META_MASK
java/awt/event/InputEvent ALT_MASK
java/awt/event/InputEvent ALT_GRAPH_MASK
java/awt/event/InputEvent

BUTTON1_MASK
java/awt/event/InputEvent BUTTON2_MASK
java/awt/event/InputEvent BUTTON3_MASK
java/awt/event/InputEvent SHIFT_DOWN_MASK
java/awt/event/InputEvent CTRL_DOWN_MASK
java/awt/event/InputEvent META_DOWN_MASK
java/awt/event/InputEvent ALT_DOWN_MASK
java/awt/event/InputEvent BUTTON1_DOWN_MASK
java/awt/event/InputEvent BUTTON2_DOWN_MASK
java/awt/event/InputEvent BUTTON3_DOWN_MASK
java/awt/event/InputEvent ALT_GRAPH_DOWN_MASK
java/awt/event/InputEvent JDK_1_3_MODIFIERS
java/awt/event/InputEvent when
java/awt/event/InputEvent modifiers
java/awt/event/InputEvent canAccessSystemClipboard
java/awt/event/InputEvent serialVersionUID
java/awt/event/InputEvent initIDs()V
java/awt/event/InputEvent <init>(Ljava/awt/Component;IJI)V
java/awt/event/InputEvent canAccessSystemClipboard()Z
java/awt/event/InputEvent isShiftDown()Z
java/awt/event/InputEvent isControlDown()Z
java/awt/event/InputEvent isMetaDown()Z
java/awt/event/InputEvent isAltDown()Z
java/awt/event/InputEvent isAltGraphDown()Z
java/awt/event/InputEvent
getWhen()J
java/awt/event/InputEvent getModifiers()I
java/awt/event/InputEvent getModifiersEx()I
java/awt/event/InputEvent consume()V
java/awt/event/InputEvent isConsumed()Z
java/awt/event/InputEvent getModifiersExText(I)Ljava/lang/String;
java/awt/event/InputEvent <clinit>()V
class java/awt/event/ComponentEvent java/awt/AWTEvent
java/awt/event/ComponentEvent COMPONENT_FIRST
java/awt/event/ComponentEvent COMPONENT_LAST
java/awt/event/ComponentEvent COMPONENT_MOVED
java/awt/event/ComponentEvent COMPONENT_RESIZED
java/awt/event/ComponentEvent COMPONENT_SHOWN
java/awt/event/ComponentEvent COMPONENT_HIDDEN
java/awt/event/ComponentEvent serialVersionUID
java/awt/event/ComponentEvent <init>(Ljava/awt/Component;I)V
java/awt/event/ComponentEvent getComponent()Ljava/awt/Component;
java/awt/event/ComponentEvent paramString()Ljava/lang/String;
class java/awt/AWTEvent java/util/EventObject
java/awt/AWTEvent bdata
java/awt/AWTEvent id
java/awt/AWTEvent consumed
java/awt/AWTEvent

focusManagerIsDispatching
java/awt/AWTEvent isPosted
java/awt/AWTEvent COMPONENT_EVENT_MASK
java/awt/AWTEvent CONTAINER_EVENT_MASK
java/awt/AWTEvent FOCUS_EVENT_MASK
java/awt/AWTEvent KEY_EVENT_MASK
java/awt/AWTEvent MOUSE_EVENT_MASK
java/awt/AWTEvent MOUSE_MOTION_EVENT_MASK
java/awt/AWTEvent WINDOW_EVENT_MASK
java/awt/AWTEvent ACTION_EVENT_MASK
java/awt/AWTEvent ADJUSTMENT_EVENT_MASK
java/awt/AWTEvent ITEM_EVENT_MASK
java/awt/AWTEvent TEXT_EVENT_MASK
java/awt/AWTEvent INPUT_METHOD_EVENT_MASK
java/awt/AWTEvent INPUT_METHODS_ENABLED_MASK
java/awt/AWTEvent PAINT_EVENT_MASK
java/awt/AWTEvent INVOCATION_EVENT_MASK
java/awt/AWTEvent HIERARCHY_EVENT_MASK
java/awt/AWTEvent HIERARCHY_BOUNDS_EVENT_MASK
java/awt/AWTEvent MOUSE_WHEEL_EVENT_MASK
java/awt/AWTEvent WINDOW_STATE_EVENT_MASK
java/awt/AWTEvent WINDOW_FOCUS_EVENT_MASK
java/awt/AWTEvent RESERVED_ID_MAX
java/awt/AWTEvent inputEvent_CanAccessSystemClipboard_Field
java/awt/AWTEvent serialVersionUID
java/awt/AWTEvent get_InputEvent_CanAccessSystemClipboard()Ljava/lang/reflect/Field;
java/awt/AWTEvent
initIDs()V
java/awt/AWTEvent <init>(Ljava/awt/Event;)V
java/awt/AWTEvent <init>(Ljava/lang/Object;I)V
java/awt/AWTEvent setSource(Ljava/lang/Object;)V
java/awt/AWTEvent nativeSetSource(Ljava/awt/peer/ComponentPeer;)V
java/awt/AWTEvent getID()I
java/awt/AWTEvent toString()Ljava/lang/String;
java/awt/AWTEvent paramString()Ljava/lang/String;
java/awt/AWTEvent consume()V
java/awt/AWTEvent isConsumed()Z
java/awt/AWTEvent convertToOld()Ljava/awt/Event;
java/awt/AWTEvent copyPrivateDataInto(Ljava/awt/AWTEvent;)V
java/awt/AWTEvent dispatched()V
java/awt/AWTEvent <clinit>()V
class java/awt/KeyboardFocusManager java/lang/Object
java/awt/KeyboardFocusManager focusLog
java/awt/KeyboardFocusManager peer
java/awt/KeyboardFocusManager dbg
java/awt/KeyboardFocusManager FORWARD_TRAVERSAL_KEYS
java/awt/KeyboardFocusManager BACKWARD_TRAVERSAL_KEYS
java/awt/KeyboardFocusManager UP_CYCLE_TRAVERSAL_KEYS

java/awt/KeyboardFocusManager DOWN_CYCLE_TRAVERSAL_KEYS
java/awt/KeyboardFocusManager
TRAVERSAL_KEY_LENGTH
java/awt/KeyboardFocusManager inActivation
java/awt/KeyboardFocusManager focusOwner
java/awt/KeyboardFocusManager permanentFocusOwner
java/awt/KeyboardFocusManager focusedWindow
java/awt/KeyboardFocusManager activeWindow
java/awt/KeyboardFocusManager defaultPolicy
java/awt/KeyboardFocusManager defaultFocusTraversalKeyPropertyNames
java/awt/KeyboardFocusManager defaultFocusTraversalKeyStrokes
java/awt/KeyboardFocusManager defaultFocusTraversalKeys
java/awt/KeyboardFocusManager currentFocusCycleRoot
java/awt/KeyboardFocusManager vetoableSupport
java/awt/KeyboardFocusManager changeSupport
java/awt/KeyboardFocusManager keyEventDispatchers
java/awt/KeyboardFocusManager keyEventPostProcessors
java/awt/KeyboardFocusManager mostRecentFocusOwners
java/awt/KeyboardFocusManager notPrivileged
java/awt/KeyboardFocusManager replaceKeyboardFocusManagerPermission
java/awt/KeyboardFocusManager currentSequencedEvent
java/awt/KeyboardFocusManager
heavyweightRequests
java/awt/KeyboardFocusManager currentLightweightRequests
java/awt/KeyboardFocusManager clearingCurrentLightweightRequests
java/awt/KeyboardFocusManager allowSyncFocusRequests
java/awt/KeyboardFocusManager newFocusOwner
java/awt/KeyboardFocusManager disableRestoreFocus
java/awt/KeyboardFocusManager SNFH_FAILURE
java/awt/KeyboardFocusManager SNFH_SUCCESS_HANDLED
java/awt/KeyboardFocusManager SNFH_SUCCESS_PROCEED
java/awt/KeyboardFocusManager proxyActive
java/awt/KeyboardFocusManager $assertionsDisabled
java/awt/KeyboardFocusManager initIDs()V
java/awt/KeyboardFocusManager isInActivation()Z
java/awt/KeyboardFocusManager setInActivation(Z)V
java/awt/KeyboardFocusManager getCurrentKeyboardFocusManager()Ljava/awt/KeyboardFocusManager;
java/awt/KeyboardFocusManager
getCurrentKeyboardFocusManager(Lsun/awt/AppContext;)Ljava/awt/KeyboardFocusManager;
java/awt/KeyboardFocusManager setCurrentKeyboardFocusManager(Ljava/awt/KeyboardFocusManager;)V
java/awt/KeyboardFocusManager
setCurrentSequencedEvent(Ljava/awt/SequencedEvent;)V
java/awt/KeyboardFocusManager getCurrentSequencedEvent()Ljava/awt/SequencedEvent;
java/awt/KeyboardFocusManager initFocusTraversalKeysSet(Ljava/lang/String;Ljava/util/Set;)Ljava/util/Set;
java/awt/KeyboardFocusManager <init>()V
java/awt/KeyboardFocusManager initPeer()V
java/awt/KeyboardFocusManager getFocusOwner()Ljava/awt/Component;
java/awt/KeyboardFocusManager getGlobalFocusOwner()Ljava/awt/Component;

java/awt/KeyboardFocusManager setGlobalFocusOwner(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager clearGlobalFocusOwner()V
java/awt/KeyboardFocusManager _clearGlobalFocusOwner()V
java/awt/KeyboardFocusManager getNativeFocusOwner()Ljava/awt/Component;
java/awt/KeyboardFocusManager setNativeFocusOwner(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager getNativeFocusedWindow()Ljava/awt/Window;
java/awt/KeyboardFocusManager setNativeFocusedWindow(Ljava/awt/Window;)V
java/awt/KeyboardFocusManager getPermanentFocusOwner()Ljava/awt/Component;
java/awt/KeyboardFocusManager
getGlobalPermanentFocusOwner()Ljava/awt/Component;
java/awt/KeyboardFocusManager setGlobalPermanentFocusOwner(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager getFocusedWindow()Ljava/awt/Window;
java/awt/KeyboardFocusManager getGlobalFocusedWindow()Ljava/awt/Window;
java/awt/KeyboardFocusManager setGlobalFocusedWindow(Ljava/awt/Window;)V
java/awt/KeyboardFocusManager getActiveWindow()Ljava/awt/Window;
java/awt/KeyboardFocusManager getGlobalActiveWindow()Ljava/awt/Window;
java/awt/KeyboardFocusManager setGlobalActiveWindow(Ljava/awt/Window;)V
java/awt/KeyboardFocusManager getDefaultFocusTraversalPolicy()Ljava/awt/FocusTraversalPolicy;
java/awt/KeyboardFocusManager setDefaultFocusTraversalPolicy(Ljava/awt/FocusTraversalPolicy;)V
java/awt/KeyboardFocusManager setDefaultFocusTraversalKeys(ILjava/util/Set;)V
java/awt/KeyboardFocusManager getDefaultFocusTraversalKeys(I)Ljava/util/Set;
java/awt/KeyboardFocusManager getCurrentFocusCycleRoot()Ljava/awt/Container;
java/awt/KeyboardFocusManager
getGlobalCurrentFocusCycleRoot()Ljava/awt/Container;
java/awt/KeyboardFocusManager setGlobalCurrentFocusCycleRoot(Ljava/awt/Container;)V
java/awt/KeyboardFocusManager addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/awt/KeyboardFocusManager removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/awt/KeyboardFocusManager getPropertyChangeListeners()[Ljava/beans/PropertyChangeListener;
java/awt/KeyboardFocusManager
addPropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/awt/KeyboardFocusManager
removePropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/awt/KeyboardFocusManager
getPropertyChangeListeners(Ljava/lang/String;)[Ljava/beans/PropertyChangeListener;
java/awt/KeyboardFocusManager firePropertyChange(Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;)V
java/awt/KeyboardFocusManager addVetoableChangeListener(Ljava/beans/VetoableChangeListener;)V
java/awt/KeyboardFocusManager
removeVetoableChangeListener(Ljava/beans/VetoableChangeListener;)V
java/awt/KeyboardFocusManager getVetoableChangeListeners()[Ljava/beans/VetoableChangeListener;
java/awt/KeyboardFocusManager
addVetoableChangeListener(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
java/awt/KeyboardFocusManager
removeVetoableChangeListener(Ljava/lang/String;Ljava/beans/VetoableChangeListener;)V
java/awt/KeyboardFocusManager
getVetoableChangeListeners(Ljava/lang/String;)[Ljava/beans/VetoableChangeListener;
java/awt/KeyboardFocusManager fireVetoableChange(Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;)V
java/awt/KeyboardFocusManager addKeyEventDispatcher(Ljava/awt/KeyEventDispatcher;)V
java/awt/KeyboardFocusManager removeKeyEventDispatcher(Ljava/awt/KeyEventDispatcher;)V

java/awt/KeyboardFocusManager getKeyEventDispatchers()Ljava/util/List;
java/awt/KeyboardFocusManager addKeyEventPostProcessor(Ljava/awt/KeyEventPostProcessor;)V
java/awt/KeyboardFocusManager
removeKeyEventPostProcessor(Ljava/awt/KeyEventPostProcessor;)V
java/awt/KeyboardFocusManager getKeyEventPostProcessors()Ljava/util/List;
java/awt/KeyboardFocusManager setMostRecentFocusOwner(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager setMostRecentFocusOwner(Ljava/awt/Window;Ljava/awt/Component;)V
java/awt/KeyboardFocusManager clearMostRecentFocusOwner(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager getMostRecentFocusOwner(Ljava/awt/Window;)Ljava/awt/Component;
java/awt/KeyboardFocusManager dispatchEvent(Ljava/awt/AWTEvent;)Z
java/awt/KeyboardFocusManager redispatchEvent(Ljava/awt/Component;Ljava/awt/AWTEvent;)V
java/awt/KeyboardFocusManager dispatchKeyEvent(Ljava/awt/event/KeyEvent;)Z
java/awt/KeyboardFocusManager postProcessKeyEvent(Ljava/awt/event/KeyEvent;)Z
java/awt/KeyboardFocusManager processKeyEvent(Ljava/awt/Component;Ljava/awt/event/KeyEvent;)V
java/awt/KeyboardFocusManager enqueueKeyEvents(JLjava/awt/Component;)V
java/awt/KeyboardFocusManager dequeueKeyEvents(JLjava/awt/Component;)V
java/awt/KeyboardFocusManager
discardKeyEvents(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager focusNextComponent(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager focusPreviousComponent(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager upFocusCycle(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager downFocusCycle(Ljava/awt/Container;)V
java/awt/KeyboardFocusManager focusNextComponent()V
java/awt/KeyboardFocusManager focusPreviousComponent()V
java/awt/KeyboardFocusManager upFocusCycle()V
java/awt/KeyboardFocusManager downFocusCycle()V
java/awt/KeyboardFocusManager dumpRequests()V
java/awt/KeyboardFocusManager
processSynchronousLightweightTransfer(Ljava/awt/Component;Ljava/awt/Component;ZZJ)Z
java/awt/KeyboardFocusManager
shouldNativelyFocusHeavyweight(Ljava/awt/Component;Ljava/awt/Component;ZZJ)I
java/awt/KeyboardFocusManager heavyweightButtonDown(Ljava/awt/Component;J)V
java/awt/KeyboardFocusManager heavyweightButtonDown(Ljava/awt/Component;JZ)V
java/awt/KeyboardFocusManager
markClearGlobalFocusOwner()Ljava/awt/Window;
java/awt/KeyboardFocusManager getCurrentWaitingRequest(Ljava/awt/Component;)Ljava/awt/Component;
java/awt/KeyboardFocusManager
dispatchAndCatchException(Ljava/lang/Throwable;Ljava/awt/Component;Ljava/awt/event/FocusEvent;)Ljava/lang/Throwable;
java/awt/KeyboardFocusManager handleException(Ljava/lang/Throwable;)V
java/awt/KeyboardFocusManager hasFocusRequests()Z
java/awt/KeyboardFocusManager processCurrentLightweightRequests()V
java/awt/KeyboardFocusManager
retargetUnexpectedFocusEvent(Ljava/awt/event/FocusEvent;)Ljava/awt/event/FocusEvent;
java/awt/KeyboardFocusManager retargetFocusGained(Ljava/awt/event/FocusEvent;)Ljava/awt/event/FocusEvent;
java/awt/KeyboardFocusManager retargetFocusLost(Ljava/awt/event/FocusEvent;)Ljava/awt/event/FocusEvent;
java/awt/KeyboardFocusManager retargetFocusEvent(Ljava/awt/AWTEvent;)Ljava/awt/AWTEvent;
java/awt/KeyboardFocusManager clearMarkers()V

java/awt/KeyboardFocusManager
removeFirstRequest()Z
java/awt/KeyboardFocusManager removeLastFocusRequest(Ljava/awt/Component;)V
java/awt/KeyboardFocusManager focusedWindowChanged(Ljava/awt/Component;Ljava/awt/Component;)Z
java/awt/KeyboardFocusManager isTemporary(Ljava/awt/Component;Ljava/awt/Component;)Z
java/awt/KeyboardFocusManager getHeavyweight(Ljava/awt/Component;)Ljava/awt/Component;
java/awt/KeyboardFocusManager isProxyActiveImpl(Ljava/awt/event/KeyEvent;)Z
java/awt/KeyboardFocusManager isProxyActive(Ljava/awt/event/KeyEvent;)Z
java/awt/KeyboardFocusManager access$000()Lsun/awt/DebugHelper;
java/awt/KeyboardFocusManager <clinit>()V
class java/awt/KeyEventPostProcessor java/lang/Object
java/awt/KeyEventPostProcessor postProcessKeyEvent(Ljava/awt/event/KeyEvent;)Z
class java/awt/KeyEventDispatcher java/lang/Object
java/awt/KeyEventDispatcher dispatchKeyEvent(Ljava/awt/event/KeyEvent;)Z
class java/awt/Queue java/lang/Object
java/awt/Queue head
java/awt/Queue tail
java/awt/Queue <init>()V
class java/awt/EventQueue
java/lang/Object
java/awt/EventQueue dbg
java/awt/EventQueue threadInitNumber
java/awt/EventQueue LOW_PRIORITY
java/awt/EventQueue NORM_PRIORITY
java/awt/EventQueue HIGH_PRIORITY
java/awt/EventQueue ULTIMATE_PRIORITY
java/awt/EventQueue NUM_PRIORITIES
java/awt/EventQueue queues
java/awt/EventQueue nextQueue
java/awt/EventQueue previousQueue
java/awt/EventQueue dispatchThread
java/awt/EventQueue threadGroup
java/awt/EventQueue classLoader
java/awt/EventQueue debug
java/awt/EventQueue mostRecentEventTime
java/awt/EventQueue currentEvent
java/awt/EventQueue waitForID
java/awt/EventQueue name
java/awt/EventQueue nextThreadNum()I
java/awt/EventQueue <init>()V
java/awt/EventQueue postEvent(Ljava/awt/AWTEvent;)V
java/awt/EventQueue postEventPrivate(Ljava/awt/AWTEvent;)V
java/awt/EventQueue postEvent(Ljava/awt/AWTEvent;I)V
java/awt/EventQueue noEvents()Z
java/awt/EventQueue getNextEvent()Ljava/awt/AWTEvent;
java/awt/EventQueue getNextEvent(I)Ljava/awt/AWTEvent;
java/awt/EventQueue

peekEvent()Ljava/awt/AWTEvent;
java/awt/EventQueue peekEvent(I)Ljava/awt/AWTEvent;
java/awt/EventQueue dispatchEvent(Ljava/awt/AWTEvent;)V
java/awt/EventQueue getMostRecentEventTime()J
java/awt/EventQueue getMostRecentEventTimeImpl()J
java/awt/EventQueue getMostRecentEventTimeEx()J
java/awt/EventQueue getCurrentEvent()Ljava/awt/AWTEvent;
java/awt/EventQueue getCurrentEventImpl()Ljava/awt/AWTEvent;
java/awt/EventQueue push(Ljava/awt/EventQueue;)V
java/awt/EventQueue pop()V
java/awt/EventQueue isDispatchThread()Z
java/awt/EventQueue initDispatchThread()V
java/awt/EventQueue detachDispatchThread()V
java/awt/EventQueue getDispatchThread()Ljava/awt/EventDispatchThread;
java/awt/EventQueue removeSourceEvents(Ljava/lang/Object;Z)V
java/awt/EventQueue setCurrentEventAndMostRecentTime(Ljava/awt/AWTEvent;)V
java/awt/EventQueue setCurrentEventAndMostRecentTimeImpl(Ljava/awt/AWTEvent;)V
java/awt/EventQueue invokeLater(Ljava/lang/Runnable;)V
java/awt/EventQueue invokeAndWait(Ljava/lang/Runnable;)V
java/awt/EventQueue
wakeup(Z)V
java/awt/EventQueue access$000(Ljava/awt/EventQueue;)Ljava/lang/ThreadGroup;
java/awt/EventQueue access$100(Ljava/awt/EventQueue;)Ljava/lang/String;
java/awt/EventQueue access$200(Ljava/awt/EventQueue;)Ljava/lang/ClassLoader;
java/awt/EventQueue <clinit>()V
class java/util/MissingResourceException java/lang/RuntimeException
java/util/MissingResourceException className
java/util/MissingResourceException key
java/util/MissingResourceException <init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/util/MissingResourceException getClassName()Ljava/lang/String;
java/util/MissingResourceException getKey()Ljava/lang/String;
class java/awt/Toolkit$2 java/lang/Object
java/awt/Toolkit$2 <init>()V
java/awt/Toolkit$2 run()Ljava/lang/Object;
class java/awt/Rectangle java/awt/geom/Rectangle2D
java/awt/Rectangle x
java/awt/Rectangle y
java/awt/Rectangle width
java/awt/Rectangle height
java/awt/Rectangle serialVersionUID
java/awt/Rectangle initIDs()V
java/awt/Rectangle
<init>()V
java/awt/Rectangle <init>(Ljava/awt/Rectangle;)V
java/awt/Rectangle <init>(IIII)V
java/awt/Rectangle <init>(II)V
java/awt/Rectangle <init>(Ljava/awt/Point;Ljava/awt/Dimension;)V
java/awt/Rectangle <init>(Ljava/awt/Point;)V

java/awt/Rectangle <init>(Ljava/awt/Dimension;)V
java/awt/Rectangle getX()D
java/awt/Rectangle getY()D
java/awt/Rectangle getWidth()D
java/awt/Rectangle getHeight()D
java/awt/Rectangle getBounds()Ljava/awt/Rectangle;
java/awt/Rectangle getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/Rectangle setBounds(Ljava/awt/Rectangle;)V
java/awt/Rectangle setBounds(IIII)V
java/awt/Rectangle setRect(DDDD)V
java/awt/Rectangle reshape(IIII)V
java/awt/Rectangle getLocation()Ljava/awt/Point;
java/awt/Rectangle setLocation(Ljava/awt/Point;)V
java/awt/Rectangle setLocation(II)V
java/awt/Rectangle move(II)V
java/awt/Rectangle translate(II)V
java/awt/Rectangle getSize()Ljava/awt/Dimension;
java/awt/Rectangle setSize(Ljava/awt/Dimension;)V
java/awt/Rectangle setSize(II)V
java/awt/Rectangle
resize(II)V
java/awt/Rectangle contains(Ljava/awt/Point;)Z
java/awt/Rectangle contains(II)Z
java/awt/Rectangle contains(Ljava/awt/Rectangle;)Z
java/awt/Rectangle contains(IIII)Z
java/awt/Rectangle inside(II)Z
java/awt/Rectangle intersects(Ljava/awt/Rectangle;)Z
java/awt/Rectangle intersection(Ljava/awt/Rectangle;)Ljava/awt/Rectangle;
java/awt/Rectangle union(Ljava/awt/Rectangle;)Ljava/awt/Rectangle;
java/awt/Rectangle add(II)V
java/awt/Rectangle add(Ljava/awt/Point;)V
java/awt/Rectangle add(Ljava/awt/Rectangle;)V
java/awt/Rectangle grow(II)V
java/awt/Rectangle isEmpty()Z
java/awt/Rectangle outcode(DD)I
java/awt/Rectangle createIntersection(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/Rectangle2D;
java/awt/Rectangle createUnion(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/Rectangle2D;
java/awt/Rectangle equals(Ljava/lang/Object;)Z
java/awt/Rectangle toString()Ljava/lang/String;
java/awt/Rectangle <clinit>()V
class java/awt/BorderLayout java/lang/Object
java/awt/BorderLayout
hgap
java/awt/BorderLayout vgap
java/awt/BorderLayout north
java/awt/BorderLayout west
java/awt/BorderLayout east
java/awt/BorderLayout south

java/awt/BorderLayout center
java/awt/BorderLayout firstLine
java/awt/BorderLayout lastLine
java/awt/BorderLayout firstItem
java/awt/BorderLayout lastItem
java/awt/BorderLayout NORTH
java/awt/BorderLayout SOUTH
java/awt/BorderLayout EAST
java/awt/BorderLayout WEST
java/awt/BorderLayout CENTER
java/awt/BorderLayout BEFORE_FIRST_LINE
java/awt/BorderLayout AFTER_LAST_LINE
java/awt/BorderLayout BEFORE_LINE_BEGINS
java/awt/BorderLayout AFTER_LINE_ENDS
java/awt/BorderLayout PAGE_START
java/awt/BorderLayout PAGE_END
java/awt/BorderLayout LINE_START
java/awt/BorderLayout LINE_END
java/awt/BorderLayout serialVersionUID
java/awt/BorderLayout <init>()V
java/awt/BorderLayout <init>(II)V
java/awt/BorderLayout getHgap()I
java/awt/BorderLayout setHgap(I)V
java/awt/BorderLayout getVgap()I
java/awt/BorderLayout setVgap(I)V
java/awt/BorderLayout addLayoutComponent(Ljava/awt/Component;Ljava/lang/Object;)V
java/awt/BorderLayout
addLayoutComponent(Ljava/lang/String;Ljava/awt/Component;)V
java/awt/BorderLayout removeLayoutComponent(Ljava/awt/Component;)V
java/awt/BorderLayout getLayoutComponent(Ljava/lang/Object;)Ljava/awt/Component;
java/awt/BorderLayout getLayoutComponent(Ljava/awt/Container;Ljava/lang/Object;)Ljava/awt/Component;
java/awt/BorderLayout getConstraints(Ljava/awt/Component;)Ljava/lang/Object;
java/awt/BorderLayout minimumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/BorderLayout preferredLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/BorderLayout maximumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/BorderLayout getLayoutAlignmentX(Ljava/awt/Container;)F
java/awt/BorderLayout getLayoutAlignmentY(Ljava/awt/Container;)F
java/awt/BorderLayout invalidateLayout(Ljava/awt/Container;)V
java/awt/BorderLayout layoutContainer(Ljava/awt/Container;)V
java/awt/BorderLayout getChild(Ljava/lang/String;Z)Ljava/awt/Component;
java/awt/BorderLayout
toString()Ljava/lang/String;
class java/awt/LayoutManager2 java/lang/Object
java/awt/LayoutManager2 addLayoutComponent(Ljava/awt/Component;Ljava/lang/Object;)V
java/awt/LayoutManager2 maximumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/LayoutManager2 getLayoutAlignmentX(Ljava/awt/Container;)F
java/awt/LayoutManager2 getLayoutAlignmentY(Ljava/awt/Container;)F
java/awt/LayoutManager2 invalidateLayout(Ljava/awt/Container;)V

class java/awt/GraphicsConfiguration java/lang/Object
java/awt/GraphicsConfiguration defaultBufferCaps
java/awt/GraphicsConfiguration defaultImageCaps
java/awt/GraphicsConfiguration <init>()V
java/awt/GraphicsConfiguration getDevice()Ljava/awt/GraphicsDevice;
java/awt/GraphicsConfiguration createCompatibleImage(II)Ljava/awt/image/BufferedImage;
java/awt/GraphicsConfiguration createCompatibleVolatileImage(II)Ljava/awt/image/VolatileImage;
java/awt/GraphicsConfiguration createCompatibleVolatileImage(III)Ljava/awt/image/VolatileImage;
java/awt/GraphicsConfiguration
createCompatibleVolatileImage(IILjava/awt/ImageCapabilities;)Ljava/awt/image/VolatileImage;
java/awt/GraphicsConfiguration
createCompatibleVolatileImage(IILjava/awt/ImageCapabilities;I)Ljava/awt/image/VolatileImage;
java/awt/GraphicsConfiguration createCompatibleImage(III)Ljava/awt/image/BufferedImage;
java/awt/GraphicsConfiguration getColorModel()Ljava/awt/image/ColorModel;
java/awt/GraphicsConfiguration getColorModel(I)Ljava/awt/image/ColorModel;
java/awt/GraphicsConfiguration getDefaultTransform()Ljava/awt/geom/AffineTransform;
java/awt/GraphicsConfiguration getNormalizingTransform()Ljava/awt/geom/AffineTransform;
java/awt/GraphicsConfiguration getBounds()Ljava/awt/Rectangle;
java/awt/GraphicsConfiguration getBufferCapabilities()Ljava/awt/BufferCapabilities;
java/awt/GraphicsConfiguration getImageCapabilities()Ljava/awt/ImageCapabilities;
class java/awt/GraphicsDevice java/lang/Object
java/awt/GraphicsDevice fullScreenWindow
java/awt/GraphicsDevice
windowedModeBounds
java/awt/GraphicsDevice TYPE_RASTER_SCREEN
java/awt/GraphicsDevice TYPE_PRINTER
java/awt/GraphicsDevice TYPE_IMAGE_BUFFER
java/awt/GraphicsDevice <init>()V
java/awt/GraphicsDevice getType()I
java/awt/GraphicsDevice getIDstring()Ljava/lang/String;
java/awt/GraphicsDevice getConfigurations()[Ljava/awt/GraphicsConfiguration;
java/awt/GraphicsDevice getDefaultConfiguration()Ljava/awt/GraphicsConfiguration;
java/awt/GraphicsDevice
getBestConfiguration(Ljava/awt/GraphicsConfigTemplate;)Ljava/awt/GraphicsConfiguration;
java/awt/GraphicsDevice isFullScreenSupported()Z
java/awt/GraphicsDevice setFullScreenWindow(Ljava/awt/Window;)V
java/awt/GraphicsDevice getFullScreenWindow()Ljava/awt/Window;
java/awt/GraphicsDevice isDisplayChangeSupported()Z
java/awt/GraphicsDevice setDisplayMode(Ljava/awt/DisplayMode;)V
java/awt/GraphicsDevice getDisplayMode()Ljava/awt/DisplayMode;
java/awt/GraphicsDevice getDisplayModes()[Ljava/awt/DisplayMode;
java/awt/GraphicsDevice
getAvailableAcceleratedMemory()I
class java/util/HashMap$KeyIterator java/util/HashMap$HashIterator
java/util/HashMap$KeyIterator this$0
java/util/HashMap$KeyIterator <init>(Ljava/util/HashMap;)V
java/util/HashMap$KeyIterator next()Ljava/lang/Object;
java/util/HashMap$KeyIterator <init>(Ljava/util/HashMap;Ljava/util/HashMap$1;)V

class java/util/HashMap$HashIterator java/lang/Object
java/util/HashMap$HashIterator next
java/util/HashMap$HashIterator expectedModCount
java/util/HashMap$HashIterator index
java/util/HashMap$HashIterator current
java/util/HashMap$HashIterator this$0
java/util/HashMap$HashIterator <init>(Ljava/util/HashMap;)V
java/util/HashMap$HashIterator hasNext()Z
java/util/HashMap$HashIterator nextEntry()Ljava/util/HashMap$Entry;
java/util/HashMap$HashIterator remove()V
class java/util/HashMap$KeySet java/util/AbstractSet
java/util/HashMap$KeySet this$0
java/util/HashMap$KeySet <init>(Ljava/util/HashMap;)V
java/util/HashMap$KeySet iterator()Ljava/util/Iterator;
java/util/HashMap$KeySet
 size()I
java/util/HashMap$KeySet contains(Ljava/lang/Object;)Z
java/util/HashMap$KeySet remove(Ljava/lang/Object;)Z
java/util/HashMap$KeySet clear()V
java/util/HashMap$KeySet <init>(Ljava/util/HashMap;Ljava/util/HashMap$1;)V
class java/lang/Short$ShortCache java/lang/Object
java/lang/Short$ShortCache cache
java/lang/Short$ShortCache <init>()V
java/lang/Short$ShortCache <clinit>()V
class java/lang/Integer$IntegerCache java/lang/Object
java/lang/Integer$IntegerCache cache
java/lang/Integer$IntegerCache <init>()V
java/lang/Integer$IntegerCache <clinit>()V
class java/awt/geom/Rectangle2D$Float java/awt/geom/Rectangle2D
java/awt/geom/Rectangle2D$Float x
java/awt/geom/Rectangle2D$Float y
java/awt/geom/Rectangle2D$Float width
java/awt/geom/Rectangle2D$Float height
java/awt/geom/Rectangle2D$Float <init>()V
java/awt/geom/Rectangle2D$Float <init>(FFFF)V
java/awt/geom/Rectangle2D$Float getX()D
java/awt/geom/Rectangle2D$Float getY()D
java/awt/geom/Rectangle2D$Float getWidth()D
java/awt/geom/Rectangle2D$Float
 getHeight()D
java/awt/geom/Rectangle2D$Float isEmpty()Z
java/awt/geom/Rectangle2D$Float setRect(FFFF)V
java/awt/geom/Rectangle2D$Float setRect(DDDD)V
java/awt/geom/Rectangle2D$Float setRect(Ljava/awt/geom/Rectangle2D;)V
java/awt/geom/Rectangle2D$Float outcode(DD)I
java/awt/geom/Rectangle2D$Float getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/geom/Rectangle2D$Float createIntersection(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/Rectangle2D;
java/awt/geom/Rectangle2D$Float createUnion(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/Rectangle2D;

java/awt/geom/Rectangle2D$Float toString()Ljava/lang/String;
class java/awt/geom/Rectangle2D java/awt/geom/RectangularShape
java/awt/geom/Rectangle2D OUT_LEFT
java/awt/geom/Rectangle2D OUT_TOP
java/awt/geom/Rectangle2D OUT_RIGHT
java/awt/geom/Rectangle2D OUT_BOTTOM
java/awt/geom/Rectangle2D <init>()V
java/awt/geom/Rectangle2D setRect(DDDD)V
java/awt/geom/Rectangle2D setRect(Ljava/awt/geom/Rectangle2D;)V
java/awt/geom/Rectangle2D
intersectsLine(DDDD)Z
java/awt/geom/Rectangle2D intersectsLine(Ljava/awt/geom/Line2D;)Z
java/awt/geom/Rectangle2D outcode(DD)I
java/awt/geom/Rectangle2D outcode(Ljava/awt/geom/Point2D;)I
java/awt/geom/Rectangle2D setFrame(DDDD)V
java/awt/geom/Rectangle2D getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/geom/Rectangle2D contains(DD)Z
java/awt/geom/Rectangle2D intersects(DDDD)Z
java/awt/geom/Rectangle2D contains(DDDD)Z
java/awt/geom/Rectangle2D createIntersection(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/Rectangle2D;
java/awt/geom/Rectangle2D
intersect(Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/Rectangle2D;)V
java/awt/geom/Rectangle2D createUnion(Ljava/awt/geom/Rectangle2D;)Ljava/awt/geom/Rectangle2D;
java/awt/geom/Rectangle2D
union(Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/Rectangle2D;)V
java/awt/geom/Rectangle2D add(DD)V
java/awt/geom/Rectangle2D add(Ljava/awt/geom/Point2D;)V
java/awt/geom/Rectangle2D add(Ljava/awt/geom/Rectangle2D;)V
java/awt/geom/Rectangle2D
getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
java/awt/geom/Rectangle2D getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
java/awt/geom/Rectangle2D hashCode()I
java/awt/geom/Rectangle2D equals(Ljava/lang/Object;)Z
class java/awt/geom/RectangularShape java/lang/Object
java/awt/geom/RectangularShape <init>()V
java/awt/geom/RectangularShape getX()D
java/awt/geom/RectangularShape getY()D
java/awt/geom/RectangularShape getWidth()D
java/awt/geom/RectangularShape getHeight()D
java/awt/geom/RectangularShape getMinX()D
java/awt/geom/RectangularShape getMinY()D
java/awt/geom/RectangularShape getMaxX()D
java/awt/geom/RectangularShape getMaxY()D
java/awt/geom/RectangularShape getCenterX()D
java/awt/geom/RectangularShape getCenterY()D
java/awt/geom/RectangularShape getFrame()Ljava/awt/geom/Rectangle2D;
java/awt/geom/RectangularShape isEmpty()Z
java/awt/geom/RectangularShape setFrame(DDDD)V

java/awt/geom/RectangularShape
setFrame(Ljava/awt/geom/Point2D;Ljava/awt/geom/Dimension2D;)V
java/awt/geom/RectangularShape setFrame(Ljava/awt/geom/Rectangle2D;)V
java/awt/geom/RectangularShape setFrameFromDiagonal(DDDD)V
java/awt/geom/RectangularShape setFrameFromDiagonal(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)V
java/awt/geom/RectangularShape setFrameFromCenter(DDDD)V
java/awt/geom/RectangularShape setFrameFromCenter(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)V
java/awt/geom/RectangularShape contains(Ljava/awt/geom/Point2D;)Z
java/awt/geom/RectangularShape intersects(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/RectangularShape contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/RectangularShape getBounds()Ljava/awt/Rectangle;
java/awt/geom/RectangularShape getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
java/awt/geom/RectangularShape clone()Ljava/lang/Object;
class java/awt/geom/Point2D$Float java/awt/geom/Point2D
java/awt/geom/Point2D$Float x
java/awt/geom/Point2D$Float
y
java/awt/geom/Point2D$Float <init>()V
java/awt/geom/Point2D$Float <init>(FF)V
java/awt/geom/Point2D$Float getX()D
java/awt/geom/Point2D$Float getY()D
java/awt/geom/Point2D$Float setLocation(DD)V
java/awt/geom/Point2D$Float setLocation(FF)V
java/awt/geom/Point2D$Float toString()Ljava/lang/String;
class java/awt/font/FontRenderContext java/lang/Object
java/awt/font/FontRenderContext tx
java/awt/font/FontRenderContext bIsAntiAliased
java/awt/font/FontRenderContext bUsesFractionalMetrics
java/awt/font/FontRenderContext <init>()V
java/awt/font/FontRenderContext <init>(Ljava/awt/geom/AffineTransform;ZZ)V
java/awt/font/FontRenderContext getTransform()Ljava/awt/geom/AffineTransform;
java/awt/font/FontRenderContext isAntiAliased()Z
java/awt/font/FontRenderContext usesFractionalMetrics()Z
java/awt/font/FontRenderContext equals(Ljava/lang/Object;)Z
java/awt/font/FontRenderContext equals(Ljava/awt/font/FontRenderContext;)Z
java/awt/font/FontRenderContext hashCode()I
class
java/lang/reflect/Array java/lang/Object
java/lang/reflect/Array <init>()V
java/lang/reflect/Array newInstance(Ljava/lang/Class;I)Ljava/lang/Object;
java/lang/reflect/Array newInstance(Ljava/lang/Class;[I)Ljava/lang/Object;
java/lang/reflect/Array getLength(Ljava/lang/Object;)I
java/lang/reflect/Array get(Ljava/lang/Object;I)Ljava/lang/Object;
java/lang/reflect/Array getBoolean(Ljava/lang/Object;I)Z
java/lang/reflect/Array getByte(Ljava/lang/Object;I)B
java/lang/reflect/Array getChar(Ljava/lang/Object;I)C
java/lang/reflect/Array getShort(Ljava/lang/Object;I)S
java/lang/reflect/Array getInt(Ljava/lang/Object;I)I

java/lang/reflect/Array getLong(Ljava/lang/Object;I)J
java/lang/reflect/Array getFloat(Ljava/lang/Object;I)F
java/lang/reflect/Array getDouble(Ljava/lang/Object;I)D
java/lang/reflect/Array set(Ljava/lang/Object;ILjava/lang/Object;)V
java/lang/reflect/Array setBoolean(Ljava/lang/Object;IZ)V
java/lang/reflect/Array setByte(Ljava/lang/Object;IB)V
java/lang/reflect/Array setChar(Ljava/lang/Object;IC)V
java/lang/reflect/Array
setShort(Ljava/lang/Object;IS)V
java/lang/reflect/Array setInt(Ljava/lang/Object;II)V
java/lang/reflect/Array setLong(Ljava/lang/Object;IJ)V
java/lang/reflect/Array setFloat(Ljava/lang/Object;IF)V
java/lang/reflect/Array setDouble(Ljava/lang/Object;ID)V
java/lang/reflect/Array newArray(Ljava/lang/Class;I)Ljava/lang/Object;
java/lang/reflect/Array multiNewArray(Ljava/lang/Class;[I)Ljava/lang/Object;
class java/awt/geom/GeneralPath java/lang/Object
java/awt/geom/GeneralPath WIND_EVEN_ODD
java/awt/geom/GeneralPath WIND_NON_ZERO
java/awt/geom/GeneralPath SEG_MOVETO
java/awt/geom/GeneralPath SEG_LINETO
java/awt/geom/GeneralPath SEG_QUADTO
java/awt/geom/GeneralPath SEG_CUBICTO
java/awt/geom/GeneralPath SEG_CLOSE
java/awt/geom/GeneralPath pointTypes
java/awt/geom/GeneralPath pointCoords
java/awt/geom/GeneralPath numTypes
java/awt/geom/GeneralPath numCoords
java/awt/geom/GeneralPath windingRule
java/awt/geom/GeneralPath INIT_SIZE
java/awt/geom/GeneralPath
EXPAND_MAX
java/awt/geom/GeneralPath <init>()V
java/awt/geom/GeneralPath <init>(I)V
java/awt/geom/GeneralPath <init>(II)V
java/awt/geom/GeneralPath <init>(III)V
java/awt/geom/GeneralPath <init>(Ljava/awt/Shape;)V
java/awt/geom/GeneralPath needRoom(IIZ)V
java/awt/geom/GeneralPath moveTo(FF)V
java/awt/geom/GeneralPath lineTo(FF)V
java/awt/geom/GeneralPath quadTo(FFFF)V
java/awt/geom/GeneralPath curveTo(FFFFFF)V
java/awt/geom/GeneralPath closePath()V
java/awt/geom/GeneralPath append(Ljava/awt/Shape;Z)V
java/awt/geom/GeneralPath append(Ljava/awt/geom/PathIterator;Z)V
java/awt/geom/GeneralPath getWindingRule()I
java/awt/geom/GeneralPath setWindingRule(I)V
java/awt/geom/GeneralPath getCurrentPoint()Ljava/awt/geom/Point2D;
java/awt/geom/GeneralPath reset()V

java/awt/geom/GeneralPath transform(Ljava/awt/geom/AffineTransform;)V
java/awt/geom/GeneralPath createTransformedShape(Ljava/awt/geom/AffineTransform;)Ljava/awt/Shape;
java/awt/geom/GeneralPath getBounds()Ljava/awt/Rectangle;
java/awt/geom/GeneralPath
getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/geom/GeneralPath contains(DD)Z
java/awt/geom/GeneralPath contains(Ljava/awt/geom/Point2D;)Z
java/awt/geom/GeneralPath contains(DDDD)Z
java/awt/geom/GeneralPath contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/GeneralPath intersects(DDDD)Z
java/awt/geom/GeneralPath intersects(Ljava/awt/geom/Rectangle2D;)Z
java/awt/geom/GeneralPath getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
java/awt/geom/GeneralPath getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
java/awt/geom/GeneralPath clone()Ljava/lang/Object;
java/awt/geom/GeneralPath <init>(I[BI[FI)V
class java/awt/Shape java/lang/Object
java/awt/Shape getBounds()Ljava/awt/Rectangle;
java/awt/Shape getBounds2D()Ljava/awt/geom/Rectangle2D;
java/awt/Shape contains(DD)Z
java/awt/Shape contains(Ljava/awt/geom/Point2D;)Z
java/awt/Shape intersects(DDDD)Z
java/awt/Shape intersects(Ljava/awt/geom/Rectangle2D;)Z
java/awt/Shape
contains(DDDD)Z
java/awt/Shape contains(Ljava/awt/geom/Rectangle2D;)Z
java/awt/Shape getPathIterator(Ljava/awt/geom/AffineTransform;)Ljava/awt/geom/PathIterator;
java/awt/Shape getPathIterator(Ljava/awt/geom/AffineTransform;D)Ljava/awt/geom/PathIterator;
class java/awt/BasicStroke java/lang/Object
java/awt/BasicStroke JOIN_MITER
java/awt/BasicStroke JOIN_ROUND
java/awt/BasicStroke JOIN_BEVEL
java/awt/BasicStroke CAP_BUTT
java/awt/BasicStroke CAP_ROUND
java/awt/BasicStroke CAP_SQUARE
java/awt/BasicStroke width
java/awt/BasicStroke join
java/awt/BasicStroke cap
java/awt/BasicStroke miterlimit
java/awt/BasicStroke dash
java/awt/BasicStroke dash_phase
java/awt/BasicStroke RasterizerCaps
java/awt/BasicStroke RasterizerCorners
java/awt/BasicStroke <init>(FIIF[FF)V
java/awt/BasicStroke <init>(FIIF)V
java/awt/BasicStroke <init>(FII)V
java/awt/BasicStroke <init>(F)V
java/awt/BasicStroke <init>()V
java/awt/BasicStroke createStrokedShape(Ljava/awt/Shape;)Ljava/awt/Shape;

java/awt/BasicStroke
feedConsumer(Lsun/dc/path/PathConsumer;Ljava/awt/geom/PathIterator;)V
java/awt/BasicStroke getLineWidth()F
java/awt/BasicStroke getEndCap()I
java/awt/BasicStroke getLineJoin()I
java/awt/BasicStroke getMiterLimit()F
java/awt/BasicStroke getDashArray()[F
java/awt/BasicStroke getDashPhase()F
java/awt/BasicStroke hashCode()I
java/awt/BasicStroke equals(Ljava/lang/Object;)Z
java/awt/BasicStroke <clinit>()V
class java/awt/Stroke java/lang/Object
java/awt/Stroke createStrokedShape(Ljava/awt/Shape;)Ljava/awt/Shape;
class java/awt/AlphaComposite java/lang/Object
java/awt/AlphaComposite CLEAR
java/awt/AlphaComposite SRC
java/awt/AlphaComposite DST
java/awt/AlphaComposite SRC_OVER
java/awt/AlphaComposite DST_OVER
java/awt/AlphaComposite SRC_IN
java/awt/AlphaComposite DST_IN
java/awt/AlphaComposite SRC_OUT
java/awt/AlphaComposite DST_OUT
java/awt/AlphaComposite SRC_ATOP
java/awt/AlphaComposite DST_ATOP
java/awt/AlphaComposite XOR
java/awt/AlphaComposite Clear
java/awt/AlphaComposite Src
java/awt/AlphaComposite
Dst
java/awt/AlphaComposite SrcOver
java/awt/AlphaComposite DstOver
java/awt/AlphaComposite SrcIn
java/awt/AlphaComposite DstIn
java/awt/AlphaComposite SrcOut
java/awt/AlphaComposite DstOut
java/awt/AlphaComposite SrcAtop
java/awt/AlphaComposite DstAtop
java/awt/AlphaComposite Xor
java/awt/AlphaComposite MIN_RULE
java/awt/AlphaComposite MAX_RULE
java/awt/AlphaComposite extraAlpha
java/awt/AlphaComposite rule
java/awt/AlphaComposite <init>(I)V
java/awt/AlphaComposite <init>(IF)V
java/awt/AlphaComposite getInstance(I)Ljava/awt/AlphaComposite;
java/awt/AlphaComposite getInstance(IF)Ljava/awt/AlphaComposite;
java/awt/AlphaComposite

createContext(Ljava/awt/image/ColorModel;Ljava/awt/image/ColorModel;Ljava/awt/RenderingHints;)Ljava/awt/CompositeContext;
java/awt/AlphaComposite getAlpha()F
java/awt/AlphaComposite getRule()I
java/awt/AlphaComposite hashCode()I
java/awt/AlphaComposite equals(Ljava/lang/Object;)Z
java/awt/AlphaComposite <clinit>()V
class java/awt/Composite java/lang/Object
java/awt/Composite
createContext(Ljava/awt/image/ColorModel;Ljava/awt/image/ColorModel;Ljava/awt/RenderingHints;)Ljava/awt/CompositeContext;
class java/awt/Color java/lang/Object
java/awt/Color white
java/awt/Color WHITE
java/awt/Color lightGray
java/awt/Color LIGHT_GRAY
java/awt/Color gray
java/awt/Color GRAY
java/awt/Color darkGray
java/awt/Color DARK_GRAY
java/awt/Color black
java/awt/Color BLACK
java/awt/Color red
java/awt/Color RED
java/awt/Color pink
java/awt/Color PINK
java/awt/Color orange
java/awt/Color ORANGE
java/awt/Color yellow
java/awt/Color YELLOW
java/awt/Color green
java/awt/Color GREEN
java/awt/Color magenta
java/awt/Color MAGENTA
java/awt/Color cyan
java/awt/Color CYAN
java/awt/Color blue
java/awt/Color BLUE
java/awt/Color pData
java/awt/Color value
java/awt/Color frgbvalue
java/awt/Color fvalue
java/awt/Color falpha
java/awt/Color cs
java/awt/Color serialVersionUID
java/awt/Color FACTOR
java/awt/Color theContext
java/awt/Color initIDs()V

java/awt/Color
testColorValueRange(IIII)V
java/awt/Color testColorValueRange(FFFF)V
java/awt/Color <init>(III)V
java/awt/Color <init>(IIII)V
java/awt/Color <init>(I)V
java/awt/Color <init>(IZ)V
java/awt/Color <init>(FFF)V
java/awt/Color <init>(FFFF)V
java/awt/Color <init>(Ljava/awt/color/ColorSpace;[FF)V
java/awt/Color getRed()I
java/awt/Color getGreen()I
java/awt/Color getBlue()I
java/awt/Color getAlpha()I
java/awt/Color getRGB()I
java/awt/Color brighter()Ljava/awt/Color;
java/awt/Color darker()Ljava/awt/Color;
java/awt/Color hashCode()I
java/awt/Color equals(Ljava/lang/Object;)Z
java/awt/Color toString()Ljava/lang/String;
java/awt/Color decode(Ljava/lang/String;)Ljava/awt/Color;
java/awt/Color getColor(Ljava/lang/String;)Ljava/awt/Color;
java/awt/Color getColor(Ljava/lang/String;Ljava/awt/Color;)Ljava/awt/Color;
java/awt/Color getColor(Ljava/lang/String;I)Ljava/awt/Color;
java/awt/Color HSBtoRGB(FFF)I
java/awt/Color RGBtoHSB(III[F)[F
java/awt/Color getHSBColor(FFF)Ljava/awt/Color;
java/awt/Color
getRGBComponents([F)[F
java/awt/Color getRGBColorComponents([F)[F
java/awt/Color getComponents([F)[F
java/awt/Color getColorComponents([F)[F
java/awt/Color getComponents(Ljava/awt/color/ColorSpace;[F)[F
java/awt/Color getColorComponents(Ljava/awt/color/ColorSpace;[F)[F
java/awt/Color getColorSpace()Ljava/awt/color/ColorSpace;
java/awt/Color
createContext(Ljava/awt/image/ColorModel;Ljava/awt/Rectangle;Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/Af
fineTransform;Ljava/awt/RenderingHints;)Ljava/awt/PaintContext;
java/awt/Color getTransparency()I
java/awt/Color <clinit>()V
class java/awt/Paint java/lang/Object
java/awt/Paint
createContext(Ljava/awt/image/ColorModel;Ljava/awt/Rectangle;Ljava/awt/geom/Rectangle2D;Ljava/awt/geom/Af
fineTransform;Ljava/awt/RenderingHints;)Ljava/awt/PaintContext;
class java/awt/Graphics2D java/awt/Graphics
java/awt/Graphics2D <init>()V
java/awt/Graphics2D draw3DRect(IIIIZ)V
java/awt/Graphics2D fill3DRect(IIIIZ)V

java/awt/Graphics2D draw(Ljava/awt/Shape;)V
java/awt/Graphics2D
drawImage(Ljava/awt/Image;Ljava/awt/geom/AffineTransform;Ljava/awt/image/ImageObserver;)Z
java/awt/Graphics2D drawImage(Ljava/awt/image/BufferedImage;Ljava/awt/image/BufferedImageOp;II)V
java/awt/Graphics2D drawRenderedImage(Ljava/awt/image/RenderedImage;Ljava/awt/geom/AffineTransform;)V
java/awt/Graphics2D
drawRenderableImage(Ljava/awt/image/renderable/RenderableImage;Ljava/awt/geom/AffineTransform;)V
java/awt/Graphics2D drawString(Ljava/lang/String;II)V
java/awt/Graphics2D drawString(Ljava/lang/String;FF)V
java/awt/Graphics2D drawString(Ljava/text/AttributedCharacterIterator;II)V
java/awt/Graphics2D drawString(Ljava/text/AttributedCharacterIterator;FF)V
java/awt/Graphics2D drawGlyphVector(Ljava/awt/font/GlyphVector;FF)V
java/awt/Graphics2D fill(Ljava/awt/Shape;)V
java/awt/Graphics2D hit(Ljava/awt/Rectangle;Ljava/awt/Shape;Z)Z
java/awt/Graphics2D getDeviceConfiguration()Ljava/awt/GraphicsConfiguration;
java/awt/Graphics2D setComposite(Ljava/awt/Composite;)V
java/awt/Graphics2D
setPaint(Ljava/awt/Paint;)V
java/awt/Graphics2D setStroke(Ljava/awt/Stroke;)V
java/awt/Graphics2D setRenderingHint(Ljava/awt/RenderingHints$Key;Ljava/lang/Object;)V
java/awt/Graphics2D getRenderingHint(Ljava/awt/RenderingHints$Key;)Ljava/lang/Object;
java/awt/Graphics2D setRenderingHints(Ljava/util/Map;)V
java/awt/Graphics2D addRenderingHints(Ljava/util/Map;)V
java/awt/Graphics2D getRenderingHints()Ljava/awt/RenderingHints;
java/awt/Graphics2D translate(II)V
java/awt/Graphics2D translate(DD)V
java/awt/Graphics2D rotate(D)V
java/awt/Graphics2D rotate(DDD)V
java/awt/Graphics2D scale(DD)V
java/awt/Graphics2D shear(DD)V
java/awt/Graphics2D transform(Ljava/awt/geom/AffineTransform;)V
java/awt/Graphics2D setTransform(Ljava/awt/geom/AffineTransform;)V
java/awt/Graphics2D getTransform()Ljava/awt/geom/AffineTransform;
java/awt/Graphics2D getPaint()Ljava/awt/Paint;
java/awt/Graphics2D getComposite()Ljava/awt/Composite;
java/awt/Graphics2D setBackground(Ljava/awt/Color;)V
java/awt/Graphics2D
getBackground()Ljava/awt/Color;
java/awt/Graphics2D getStroke()Ljava/awt/Stroke;
java/awt/Graphics2D clip(Ljava/awt/Shape;)V
java/awt/Graphics2D getFontRenderContext()Ljava/awt/font/FontRenderContext;
class java/awt/Graphics java/lang/Object
java/awt/Graphics <init>()V
java/awt/Graphics create()Ljava/awt/Graphics;
java/awt/Graphics create(IIII)Ljava/awt/Graphics;
java/awt/Graphics translate(II)V
java/awt/Graphics getColor()Ljava/awt/Color;
java/awt/Graphics setColor(Ljava/awt/Color;)V

java/awt/Graphics setPaintMode()V
java/awt/Graphics setXORMode(Ljava/awt/Color;)V
java/awt/Graphics getFont()Ljava/awt/Font;
java/awt/Graphics setFont(Ljava/awt/Font;)V
java/awt/Graphics getFontMetrics()Ljava/awt/FontMetrics;
java/awt/Graphics getFontMetrics(Ljava/awt/Font;)Ljava/awt/FontMetrics;
java/awt/Graphics getClipBounds()Ljava/awt/Rectangle;
java/awt/Graphics clipRect(IIII)V
java/awt/Graphics setClip(IIII)V
java/awt/Graphics getClip()Ljava/awt/Shape;
java/awt/Graphics setClip(Ljava/awt/Shape;)V
java/awt/Graphics
copyArea(IIIIII)V
java/awt/Graphics drawLine(IIII)V
java/awt/Graphics fillRect(IIII)V
java/awt/Graphics drawRect(IIII)V
java/awt/Graphics clearRect(IIII)V
java/awt/Graphics drawRoundRect(IIIIII)V
java/awt/Graphics fillRoundRect(IIIIII)V
java/awt/Graphics draw3DRect(IIIIZ)V
java/awt/Graphics fill3DRect(IIIIZ)V
java/awt/Graphics drawOval(IIII)V
java/awt/Graphics fillOval(IIII)V
java/awt/Graphics drawArc(IIIIII)V
java/awt/Graphics fillArc(IIIIII)V
java/awt/Graphics drawPolyline([I[II)V
java/awt/Graphics drawPolygon([I[II)V
java/awt/Graphics drawPolygon(Ljava/awt/Polygon;)V
java/awt/Graphics fillPolygon([I[II)V
java/awt/Graphics fillPolygon(Ljava/awt/Polygon;)V
java/awt/Graphics drawString(Ljava/lang/String;II)V
java/awt/Graphics drawString(Ljava/text/AttributedCharacterIterator;II)V
java/awt/Graphics drawChars([CIIII)V
java/awt/Graphics drawBytes([BIIII)V
java/awt/Graphics drawImage(Ljava/awt/Image;IILjava/awt/image/ImageObserver;)Z
java/awt/Graphics drawImage(Ljava/awt/Image;IIIILjava/awt/image/ImageObserver;)Z
java/awt/Graphics
drawImage(Ljava/awt/Image;IILjava/awt/Color;Ljava/awt/image/ImageObserver;)Z
java/awt/Graphics drawImage(Ljava/awt/Image;IIIILjava/awt/Color;Ljava/awt/image/ImageObserver;)Z
java/awt/Graphics drawImage(Ljava/awt/Image;IIIIIIIILjava/awt/image/ImageObserver;)Z
java/awt/Graphics drawImage(Ljava/awt/Image;IIIIIIIILjava/awt/Color;Ljava/awt/image/ImageObserver;)Z
java/awt/Graphics dispose()V
java/awt/Graphics finalize()V
java/awt/Graphics toString()Ljava/lang/String;
java/awt/Graphics getClipRect()Ljava/awt/Rectangle;
java/awt/Graphics hitClip(IIII)Z
java/awt/Graphics getClipBounds(Ljava/awt/Rectangle;)Ljava/awt/Rectangle;
class java/awt/image/BufferedImage java/awt/Image

java/awt/image/BufferedImage imageType
java/awt/image/BufferedImage colorModel
java/awt/image/BufferedImage raster
java/awt/image/BufferedImage osis
java/awt/image/BufferedImage properties
java/awt/image/BufferedImage isAlphaPremultiplied
java/awt/image/BufferedImage
surfaceManager
java/awt/image/BufferedImage TYPE_CUSTOM
java/awt/image/BufferedImage TYPE_INT_RGB
java/awt/image/BufferedImage TYPE_INT_ARGB
java/awt/image/BufferedImage TYPE_INT_ARGB_PRE
java/awt/image/BufferedImage TYPE_INT_BGR
java/awt/image/BufferedImage TYPE_3BYTE_BGR
java/awt/image/BufferedImage TYPE_4BYTE_ABGR
java/awt/image/BufferedImage TYPE_4BYTE_ABGR_PRE
java/awt/image/BufferedImage TYPE_USHORT_565_RGB
java/awt/image/BufferedImage TYPE_USHORT_555_RGB
java/awt/image/BufferedImage TYPE_BYTE_GRAY
java/awt/image/BufferedImage TYPE_USHORT_GRAY
java/awt/image/BufferedImage TYPE_BYTE_BINARY
java/awt/image/BufferedImage TYPE_BYTE_INDEXED
java/awt/image/BufferedImage DCM_RED_MASK
java/awt/image/BufferedImage DCM_GREEN_MASK
java/awt/image/BufferedImage DCM_BLUE_MASK
java/awt/image/BufferedImage DCM_ALPHA_MASK
java/awt/image/BufferedImage DCM_565_RED_MASK
java/awt/image/BufferedImage DCM_565_GRN_MASK
java/awt/image/BufferedImage DCM_565_BLU_MASK
java/awt/image/BufferedImage DCM_555_RED_MASK
java/awt/image/BufferedImage
DCM_555_GRN_MASK
java/awt/image/BufferedImage DCM_555_BLU_MASK
java/awt/image/BufferedImage DCM_BGR_RED_MASK
java/awt/image/BufferedImage DCM_BGR_GRN_MASK
java/awt/image/BufferedImage DCM_BGR_BLU_MASK
java/awt/image/BufferedImage initIDs()V
java/awt/image/BufferedImage <init>(III)V
java/awt/image/BufferedImage <init>(IIILjava/awt/image/IndexColorModel;)V
java/awt/image/BufferedImage
<init>(Ljava/awt/image/ColorModel;Ljava/awt/image/WritableRaster;ZLjava/util/Hashtable;)V
java/awt/image/BufferedImage getType()I
java/awt/image/BufferedImage getColorModel()Ljava/awt/image/ColorModel;
java/awt/image/BufferedImage getRaster()Ljava/awt/image/WritableRaster;
java/awt/image/BufferedImage getAlphaRaster()Ljava/awt/image/WritableRaster;
java/awt/image/BufferedImage getRGB(II)I
java/awt/image/BufferedImage getRGB(IIII[III)[I
java/awt/image/BufferedImage setRGB(III)V

java/awt/image/BufferedImage setRGB(IIII[III)V
java/awt/image/BufferedImage getWidth()I
java/awt/image/BufferedImage
getHeight()I
java/awt/image/BufferedImage getWidth(Ljava/awt/image/ImageObserver;)I
java/awt/image/BufferedImage getHeight(Ljava/awt/image/ImageObserver;)I
java/awt/image/BufferedImage getSource()Ljava/awt/image/ImageProducer;
java/awt/image/BufferedImage getProperty(Ljava/lang/String;Ljava/awt/image/ImageObserver;)Ljava/lang/Object;
java/awt/image/BufferedImage getProperty(Ljava/lang/String;)Ljava/lang/Object;
java/awt/image/BufferedImage flush()V
java/awt/image/BufferedImage getGraphics()Ljava/awt/Graphics;
java/awt/image/BufferedImage createGraphics()Ljava/awt/Graphics2D;
java/awt/image/BufferedImage getSubimage(IIII)Ljava/awt/image/BufferedImage;
java/awt/image/BufferedImage isAlphaPremultiplied()Z
java/awt/image/BufferedImage coerceData(Z)V
java/awt/image/BufferedImage toString()Ljava/lang/String;
java/awt/image/BufferedImage getSources()Ljava/util/Vector;
java/awt/image/BufferedImage getPropertyNames()[Ljava/lang/String;
java/awt/image/BufferedImage getMinX()I
java/awt/image/BufferedImage
getMinY()I
java/awt/image/BufferedImage getSampleModel()Ljava/awt/image/SampleModel;
java/awt/image/BufferedImage getNumXTiles()I
java/awt/image/BufferedImage getNumYTiles()I
java/awt/image/BufferedImage getMinTileX()I
java/awt/image/BufferedImage getMinTileY()I
java/awt/image/BufferedImage getTileWidth()I
java/awt/image/BufferedImage getTileHeight()I
java/awt/image/BufferedImage getTileGridXOffset()I
java/awt/image/BufferedImage getTileGridYOffset()I
java/awt/image/BufferedImage getTile(II)Ljava/awt/image/Raster;
java/awt/image/BufferedImage getData()Ljava/awt/image/Raster;
java/awt/image/BufferedImage getData(Ljava/awt/Rectangle;)Ljava/awt/image/Raster;
java/awt/image/BufferedImage copyData(Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/BufferedImage setData(Ljava/awt/image/Raster;)V
java/awt/image/BufferedImage addTileObserver(Ljava/awt/image/TileObserver;)V
java/awt/image/BufferedImage removeTileObserver(Ljava/awt/image/TileObserver;)V
java/awt/image/BufferedImage
isTileWritable(II)Z
java/awt/image/BufferedImage getWritableTileIndices()[Ljava/awt/Point;
java/awt/image/BufferedImage hasTileWriters()Z
java/awt/image/BufferedImage getWritableTile(II)Ljava/awt/image/WritableRaster;
java/awt/image/BufferedImage releaseWritableTile(II)V
java/awt/image/BufferedImage getTransparency()I
java/awt/image/BufferedImage getCapabilities(Ljava/awt/GraphicsConfiguration;)Ljava/awt/ImageCapabilities;
java/awt/image/BufferedImage <clinit>()V
class java/awt/image/WritableRenderedImage java/lang/Object
java/awt/image/WritableRenderedImage addTileObserver(Ljava/awt/image/TileObserver;)V

java/awt/image/WritableRenderedImage removeTileObserver(Ljava/awt/image/TileObserver;)V
java/awt/image/WritableRenderedImage getWritableTile(II)Ljava/awt/image/WritableRaster;
java/awt/image/WritableRenderedImage releaseWritableTile(II)V
java/awt/image/WritableRenderedImage isTileWritable(II)Z
java/awt/image/WritableRenderedImage getWritableTileIndices()[Ljava/awt/Point;
java/awt/image/WritableRenderedImage
 hasTileWriters()Z
java/awt/image/WritableRenderedImage setData(Ljava/awt/image/Raster;)V
class java/awt/image/RenderedImage java/lang/Object
java/awt/image/RenderedImage getSources()Ljava/util/Vector;
java/awt/image/RenderedImage getProperty(Ljava/lang/String;)Ljava/lang/Object;
java/awt/image/RenderedImage getPropertyNames()[Ljava/lang/String;
java/awt/image/RenderedImage getColorModel()Ljava/awt/image/ColorModel;
java/awt/image/RenderedImage getSampleModel()Ljava/awt/image/SampleModel;
java/awt/image/RenderedImage getWidth()I
java/awt/image/RenderedImage getHeight()I
java/awt/image/RenderedImage getMinX()I
java/awt/image/RenderedImage getMinY()I
java/awt/image/RenderedImage getNumXTiles()I
java/awt/image/RenderedImage getNumYTiles()I
java/awt/image/RenderedImage getMinTileX()I
java/awt/image/RenderedImage getMinTileY()I
java/awt/image/RenderedImage getTileWidth()I
java/awt/image/RenderedImage getTileHeight()I
java/awt/image/RenderedImage
 getTileGridXOffset()I
java/awt/image/RenderedImage getTileGridYOffset()I
java/awt/image/RenderedImage getTile(II)Ljava/awt/image/Raster;
java/awt/image/RenderedImage getData()Ljava/awt/image/Raster;
java/awt/image/RenderedImage getData(Ljava/awt/Rectangle;)Ljava/awt/image/Raster;
java/awt/image/RenderedImage copyData(Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
class java/awt/ImageCapabilities java/lang/Object
java/awt/ImageCapabilities accelerated
java/awt/ImageCapabilities <init>(Z)V
java/awt/ImageCapabilities isAccelerated()Z
java/awt/ImageCapabilities isTrueVolatile()Z
java/awt/ImageCapabilities clone()Ljava/lang/Object;
class java/awt/image/VolatileImage java/awt/Image
java/awt/image/VolatileImage IMAGE_OK
java/awt/image/VolatileImage IMAGE_RESTORED
java/awt/image/VolatileImage IMAGE_INCOMPATIBLE
java/awt/image/VolatileImage transparency
java/awt/image/VolatileImage <init>()V
java/awt/image/VolatileImage getSnapshot()Ljava/awt/image/BufferedImage;
java/awt/image/VolatileImage
 getWidth()I
java/awt/image/VolatileImage getHeight()I
java/awt/image/VolatileImage getSource()Ljava/awt/image/ImageProducer;

java/awt/image/VolatileImage flush()V
java/awt/image/VolatileImage getGraphics()Ljava/awt/Graphics;
java/awt/image/VolatileImage createGraphics()Ljava/awt/Graphics2D;
java/awt/image/VolatileImage validate(Ljava/awt/GraphicsConfiguration;)I
java/awt/image/VolatileImage contentsLost()Z
java/awt/image/VolatileImage getCapabilities()Ljava/awt/ImageCapabilities;
java/awt/image/VolatileImage getTransparency()I
class java/awt/Image java/lang/Object
java/awt/Image defaultImageCaps
java/awt/Image accelerationPriority
java/awt/Image UndefinedProperty
java/awt/Image SCALE_DEFAULT
java/awt/Image SCALE_FAST
java/awt/Image SCALE_SMOOTH
java/awt/Image SCALE_REPLICATE
java/awt/Image SCALE_AREA_AVERAGING
java/awt/Image <init>()V
java/awt/Image getWidth(Ljava/awt/image/ImageObserver;)I
java/awt/Image getHeight(Ljava/awt/image/ImageObserver;)I
java/awt/Image
 getSource()Ljava/awt/image/ImageProducer;
java/awt/Image getGraphics()Ljava/awt/Graphics;
java/awt/Image getProperty(Ljava/lang/String;Ljava/awt/image/ImageObserver;)Ljava/lang/Object;
java/awt/Image getScaledInstance(III)Ljava/awt/Image;
java/awt/Image flush()V
java/awt/Image getCapabilities(Ljava/awt/GraphicsConfiguration;)Ljava/awt/ImageCapabilities;
java/awt/Image setAccelerationPriority(F)V
java/awt/Image getAccelerationPriority()F
java/awt/Image <clinit>()V
class java/awt/image/IndexColorModel java/awt/image/ColorModel
java/awt/image/IndexColorModel rgb
java/awt/image/IndexColorModel map_size
java/awt/image/IndexColorModel transparent_index
java/awt/image/IndexColorModel allgrayopaque
java/awt/image/IndexColorModel validBits
java/awt/image/IndexColorModel opaqueBits
java/awt/image/IndexColorModel alphaBits
java/awt/image/IndexColorModel CACHESIZE
java/awt/image/IndexColorModel lookupcache
java/awt/image/IndexColorModel initIDs()V
java/awt/image/IndexColorModel <init>(II[B[B[B)V
java/awt/image/IndexColorModel
 <init>(II[B[B[BI)V
java/awt/image/IndexColorModel <init>(II[B[B[B[B)V
java/awt/image/IndexColorModel <init>(II[BIZ)V
java/awt/image/IndexColorModel <init>(II[BIZI)V
java/awt/image/IndexColorModel <init>(II[IIZII)V
java/awt/image/IndexColorModel <init>(II[IIILjava/math/BigInteger;)V

java/awt/image/IndexColorModel setRGBs(I[B[B[B[B)V
java/awt/image/IndexColorModel setRGBs(I[IIZ)V
java/awt/image/IndexColorModel calcRealMapSize(II)I
java/awt/image/IndexColorModel getAllValid()Ljava/math/BigInteger;
java/awt/image/IndexColorModel getTransparency()I
java/awt/image/IndexColorModel getComponentSize()[I
java/awt/image/IndexColorModel getMapSize()I
java/awt/image/IndexColorModel getTransparentPixel()I
java/awt/image/IndexColorModel getReds([B)V
java/awt/image/IndexColorModel getGreens([B)V
java/awt/image/IndexColorModel getBlues([B)V
java/awt/image/IndexColorModel getAlphas([B)V
java/awt/image/IndexColorModel getRGBs([I)V
java/awt/image/IndexColorModel
setTransparentPixel(I)V
java/awt/image/IndexColorModel setTransparency(I)V
java/awt/image/IndexColorModel getRed(I)I
java/awt/image/IndexColorModel getGreen(I)I
java/awt/image/IndexColorModel getBlue(I)I
java/awt/image/IndexColorModel getAlpha(I)I
java/awt/image/IndexColorModel getRGB(I)I
java/awt/image/IndexColorModel getDataElements(ILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/IndexColorModel installpixel(Ljava/lang/Object;I)Ljava/lang/Object;
java/awt/image/IndexColorModel getComponents(I[II)[I
java/awt/image/IndexColorModel getComponents(Ljava/lang/Object;[II)[I
java/awt/image/IndexColorModel getDataElement([II)I
java/awt/image/IndexColorModel getDataElements([IILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/IndexColorModel createCompatibleWritableRaster(II)Ljava/awt/image/WritableRaster;
java/awt/image/IndexColorModel isCompatibleRaster(Ljava/awt/image/Raster;)Z
java/awt/image/IndexColorModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/IndexColorModel
isCompatibleSampleModel(Ljava/awt/image/SampleModel;)Z
java/awt/image/IndexColorModel convertToIntDiscrete(Ljava/awt/image/Raster;Z)Ljava/awt/image/BufferedImage;
java/awt/image/IndexColorModel isValid(I)Z
java/awt/image/IndexColorModel isValid()Z
java/awt/image/IndexColorModel getValidPixels()Ljava/math/BigInteger;
java/awt/image/IndexColorModel finalize()V
java/awt/image/IndexColorModel toString()Ljava/lang/String;
java/awt/image/IndexColorModel <clinit>()V
class java/awt/color/ICC_ColorSpace java/awt/color/ColorSpace
java/awt/color/ICC_ColorSpace serialVersionUID
java/awt/color/ICC_ColorSpace thisProfile
java/awt/color/ICC_ColorSpace minVal
java/awt/color/ICC_ColorSpace maxVal
java/awt/color/ICC_ColorSpace diffMinMax
java/awt/color/ICC_ColorSpace invDiffMinMax
java/awt/color/ICC_ColorSpace needScaleInit
java/awt/color/ICC_ColorSpace this2srgb

java/awt/color/ICC_ColorSpace srgb2this
java/awt/color/ICC_ColorSpace this2xyz
java/awt/color/ICC_ColorSpace xyz2this
java/awt/color/ICC_ColorSpace
<init>(Ljava/awt/color/ICC_Profile;)V
java/awt/color/ICC_ColorSpace getProfile()Ljava/awt/color/ICC_Profile;
java/awt/color/ICC_ColorSpace toRGB([F)[F
java/awt/color/ICC_ColorSpace fromRGB([F)[F
java/awt/color/ICC_ColorSpace toCIEXYZ([F)[F
java/awt/color/ICC_ColorSpace fromCIEXYZ([F)[F
java/awt/color/ICC_ColorSpace getMinValue(I)F
java/awt/color/ICC_ColorSpace getMaxValue(I)F
java/awt/color/ICC_ColorSpace setMinMax()V
java/awt/color/ICC_ColorSpace setComponentScaling()V
class java/awt/color/ICC_Profile$1 java/lang/Object
java/awt/color/ICC_Profile$1 this$0
java/awt/color/ICC_Profile$1 <init>(Ljava/awt/color/ICC_Profile;)V
java/awt/color/ICC_Profile$1 activate()V
class java/awt/color/ICC_ProfileRGB java/awt/color/ICC_Profile
java/awt/color/ICC_ProfileRGB REDCOMPONENT
java/awt/color/ICC_ProfileRGB GREENCOMPONENT
java/awt/color/ICC_ProfileRGB BLUECOMPONENT
java/awt/color/ICC_ProfileRGB <init>(J)V
java/awt/color/ICC_ProfileRGB <init>(Lsun/awt/color/ProfileDeferralInfo;)V
java/awt/color/ICC_ProfileRGB
getMediaWhitePoint()[F
java/awt/color/ICC_ProfileRGB getMatrix()[[F
java/awt/color/ICC_ProfileRGB getGamma(I)F
java/awt/color/ICC_ProfileRGB getTRC(I)[S
class java/awt/color/ICC_Profile java/lang/Object
java/awt/color/ICC_Profile serialVersionUID
java/awt/color/ICC_Profile ID
java/awt/color/ICC_Profile deferralInfo
java/awt/color/ICC_Profile profileActivator
java/awt/color/ICC_Profile sRGBprofile
java/awt/color/ICC_Profile XYZprofile
java/awt/color/ICC_Profile PYCCprofile
java/awt/color/ICC_Profile GRAYprofile
java/awt/color/ICC_Profile LINEAR_RGBprofile
java/awt/color/ICC_Profile CLASS_INPUT
java/awt/color/ICC_Profile CLASS_DISPLAY
java/awt/color/ICC_Profile CLASS_OUTPUT
java/awt/color/ICC_Profile CLASS_DEVICELINK
java/awt/color/ICC_Profile CLASS_COLORSPACECONVERSION
java/awt/color/ICC_Profile CLASS_ABSTRACT
java/awt/color/ICC_Profile CLASS_NAMEDCOLOR
java/awt/color/ICC_Profile icSigXYZData
java/awt/color/ICC_Profile icSigLabData

java/awt/color/ICC_Profile
icSigLuvData
java/awt/color/ICC_Profile icSigYCbCrData
java/awt/color/ICC_Profile icSigYxyData
java/awt/color/ICC_Profile icSigRgbData
java/awt/color/ICC_Profile icSigGrayData
java/awt/color/ICC_Profile icSigHsvData
java/awt/color/ICC_Profile icSigHlsData
java/awt/color/ICC_Profile icSigCmykData
java/awt/color/ICC_Profile icSigCmyData
java/awt/color/ICC_Profile icSigSpace2CLR
java/awt/color/ICC_Profile icSigSpace3CLR
java/awt/color/ICC_Profile icSigSpace4CLR
java/awt/color/ICC_Profile icSigSpace5CLR
java/awt/color/ICC_Profile icSigSpace6CLR
java/awt/color/ICC_Profile icSigSpace7CLR
java/awt/color/ICC_Profile icSigSpace8CLR
java/awt/color/ICC_Profile icSigSpace9CLR
java/awt/color/ICC_Profile icSigSpaceACLR
java/awt/color/ICC_Profile icSigSpaceBCLR
java/awt/color/ICC_Profile icSigSpaceCCLR
java/awt/color/ICC_Profile icSigSpaceDCLR
java/awt/color/ICC_Profile icSigSpaceECLR
java/awt/color/ICC_Profile icSigSpaceFCLR
java/awt/color/ICC_Profile icSigInputClass
java/awt/color/ICC_Profile
icSigDisplayClass
java/awt/color/ICC_Profile icSigOutputClass
java/awt/color/ICC_Profile icSigLinkClass
java/awt/color/ICC_Profile icSigAbstractClass
java/awt/color/ICC_Profile icSigColorSpaceClass
java/awt/color/ICC_Profile icSigNamedColorClass
java/awt/color/ICC_Profile icPerceptual
java/awt/color/ICC_Profile icRelativeColorimetric
java/awt/color/ICC_Profile icMediaRelativeColorimetric
java/awt/color/ICC_Profile icSaturation
java/awt/color/ICC_Profile icAbsoluteColorimetric
java/awt/color/ICC_Profile icICCAbsoluteColorimetric
java/awt/color/ICC_Profile icSigHead
java/awt/color/ICC_Profile icSigAToB0Tag
java/awt/color/ICC_Profile icSigAToB1Tag
java/awt/color/ICC_Profile icSigAToB2Tag
java/awt/color/ICC_Profile icSigBlueColorantTag
java/awt/color/ICC_Profile icSigBlueMatrixColumnTag
java/awt/color/ICC_Profile icSigBlueTRCTag
java/awt/color/ICC_Profile icSigBToA0Tag
java/awt/color/ICC_Profile icSigBToA1Tag
java/awt/color/ICC_Profile icSigBToA2Tag

java/awt/color/ICC_Profile icSigCalibrationDateTimeTag
java/awt/color/ICC_Profile
icSigCharTargetTag
java/awt/color/ICC_Profile icSigCopyrightTag
java/awt/color/ICC_Profile icSigCrdInfoTag
java/awt/color/ICC_Profile icSigDeviceMfgDescTag
java/awt/color/ICC_Profile icSigDeviceModelDescTag
java/awt/color/ICC_Profile icSigDeviceSettingsTag
java/awt/color/ICC_Profile icSigGamutTag
java/awt/color/ICC_Profile icSigGrayTRCTag
java/awt/color/ICC_Profile icSigGreenColorantTag
java/awt/color/ICC_Profile icSigGreenMatrixColumnTag
java/awt/color/ICC_Profile icSigGreenTRCTag
java/awt/color/ICC_Profile icSigLuminanceTag
java/awt/color/ICC_Profile icSigMeasurementTag
java/awt/color/ICC_Profile icSigMediaBlackPointTag
java/awt/color/ICC_Profile icSigMediaWhitePointTag
java/awt/color/ICC_Profile icSigNamedColor2Tag
java/awt/color/ICC_Profile icSigOutputResponseTag
java/awt/color/ICC_Profile icSigPreview0Tag
java/awt/color/ICC_Profile icSigPreview1Tag
java/awt/color/ICC_Profile icSigPreview2Tag
java/awt/color/ICC_Profile icSigProfileDescriptionTag
java/awt/color/ICC_Profile
icSigProfileSequenceDescTag
java/awt/color/ICC_Profile icSigPs2CRD0Tag
java/awt/color/ICC_Profile icSigPs2CRD1Tag
java/awt/color/ICC_Profile icSigPs2CRD2Tag
java/awt/color/ICC_Profile icSigPs2CRD3Tag
java/awt/color/ICC_Profile icSigPs2CSATag
java/awt/color/ICC_Profile icSigPs2RenderingIntentTag
java/awt/color/ICC_Profile icSigRedColorantTag
java/awt/color/ICC_Profile icSigRedMatrixColumnTag
java/awt/color/ICC_Profile icSigRedTRCTag
java/awt/color/ICC_Profile icSigScreeningDescTag
java/awt/color/ICC_Profile icSigScreeningTag
java/awt/color/ICC_Profile icSigTechnologyTag
java/awt/color/ICC_Profile icSigUcrBgTag
java/awt/color/ICC_Profile icSigViewingCondDescTag
java/awt/color/ICC_Profile icSigViewingConditionsTag
java/awt/color/ICC_Profile icSigChromaticityTag
java/awt/color/ICC_Profile icSigChromaticAdaptationTag
java/awt/color/ICC_Profile icSigColorantOrderTag
java/awt/color/ICC_Profile icSigColorantTableTag
java/awt/color/ICC_Profile icHdrSize
java/awt/color/ICC_Profile
icHdrCmmId
java/awt/color/ICC_Profile icHdrVersion

java/awt/color/ICC_Profile icHdrDeviceClass
java/awt/color/ICC_Profile icHdrColorSpace
java/awt/color/ICC_Profile icHdrPcs
java/awt/color/ICC_Profile icHdrDate
java/awt/color/ICC_Profile icHdrMagic
java/awt/color/ICC_Profile icHdrPlatform
java/awt/color/ICC_Profile icHdrFlags
java/awt/color/ICC_Profile icHdrManufacturer
java/awt/color/ICC_Profile icHdrModel
java/awt/color/ICC_Profile icHdrAttributes
java/awt/color/ICC_Profile icHdrRenderingIntent
java/awt/color/ICC_Profile icHdrIlluminant
java/awt/color/ICC_Profile icHdrCreator
java/awt/color/ICC_Profile icHdrProfileID
java/awt/color/ICC_Profile icTagType
java/awt/color/ICC_Profile icTagReserved
java/awt/color/ICC_Profile icCurveCount
java/awt/color/ICC_Profile icCurveData
java/awt/color/ICC_Profile icXYZNumberX
java/awt/color/ICC_Profile iccProfileSerializedDataVersion
java/awt/color/ICC_Profile resolvedDeserializedProfile
java/awt/color/ICC_Profile <init>(J)V
java/awt/color/ICC_Profile
<init>(Lsun/awt/color/ProfileDeferralInfo;)V
java/awt/color/ICC_Profile finalize()V
java/awt/color/ICC_Profile getInstance([B)Ljava/awt/color/ICC_Profile;
java/awt/color/ICC_Profile getInstance(I)Ljava/awt/color/ICC_Profile;
java/awt/color/ICC_Profile getStandardProfile(Ljava/lang/String;)Ljava/awt/color/ICC_Profile;
java/awt/color/ICC_Profile getInstance(Ljava/lang/String;)Ljava/awt/color/ICC_Profile;
java/awt/color/ICC_Profile getInstance(Ljava/io/InputStream;)Ljava/awt/color/ICC_Profile;
java/awt/color/ICC_Profile getProfileDataFromStream(Ljava/io/InputStream;)[B
java/awt/color/ICC_Profile getDeferredInstance(Lsun/awt/color/ProfileDeferralInfo;)Ljava/awt/color/ICC_Profile;
java/awt/color/ICC_Profile activateDeferredProfile()V
java/awt/color/ICC_Profile getMajorVersion()I
java/awt/color/ICC_Profile getMinorVersion()I
java/awt/color/ICC_Profile getProfileClass()I
java/awt/color/ICC_Profile getColorSpaceType()I
java/awt/color/ICC_Profile getColorSpaceType(J)I
java/awt/color/ICC_Profile
getPCSType()I
java/awt/color/ICC_Profile getPCSType(J)I
java/awt/color/ICC_Profile write(Ljava/lang/String;)V
java/awt/color/ICC_Profile write(Ljava/io/OutputStream;)V
java/awt/color/ICC_Profile getData()[B
java/awt/color/ICC_Profile getData(I)[B
java/awt/color/ICC_Profile getData(JI)[B
java/awt/color/ICC_Profile setData(I[B)V
java/awt/color/ICC_Profile setRenderingIntent(I)V

java/awt/color/ICC_Profile getRenderingIntent()I
java/awt/color/ICC_Profile getNumComponents()I
java/awt/color/ICC_Profile getMediaWhitePoint()[F
java/awt/color/ICC_Profile getXYZTag(I)[F
java/awt/color/ICC_Profile getGamma(I)F
java/awt/color/ICC_Profile getTRC(I)[S
java/awt/color/ICC_Profile iccCStoJCS(I)I
java/awt/color/ICC_Profile intFromBigEndian([BI)I
java/awt/color/ICC_Profile intToBigEndian(I[BI)V
java/awt/color/ICC_Profile shortFromBigEndian([BI)S
java/awt/color/ICC_Profile shortToBigEndian(S[BI)V
java/awt/color/ICC_Profile openProfile(Ljava/lang/String;)Ljava/io/FileInputStream;
java/awt/color/ICC_Profile
privilegedOpenProfile(Ljava/lang/String;)Ljava/io/FileInputStream;
java/awt/color/ICC_Profile writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/color/ICC_Profile readObject(Ljava/io/ObjectInputStream;)V
java/awt/color/ICC_Profile readResolve()Ljava/lang/Object;
java/awt/color/ICC_Profile access$000(Ljava/lang/String;)Ljava/io/FileInputStream;
class java/awt/color/ColorSpace java/lang/Object
java/awt/color/ColorSpace serialVersionUID
java/awt/color/ColorSpace type
java/awt/color/ColorSpace numComponents
java/awt/color/ColorSpace sRGBspace
java/awt/color/ColorSpace XYZspace
java/awt/color/ColorSpace PYCCspace
java/awt/color/ColorSpace GRAYspace
java/awt/color/ColorSpace LINEAR_RGBspace
java/awt/color/ColorSpace TYPE_XYZ
java/awt/color/ColorSpace TYPE_Lab
java/awt/color/ColorSpace TYPE_Luv
java/awt/color/ColorSpace TYPE_YCbCr
java/awt/color/ColorSpace TYPE_Yxy
java/awt/color/ColorSpace TYPE_RGB
java/awt/color/ColorSpace TYPE_GRAY
java/awt/color/ColorSpace
TYPE_HSV
java/awt/color/ColorSpace TYPE_HLS
java/awt/color/ColorSpace TYPE_CMYK
java/awt/color/ColorSpace TYPE_CMY
java/awt/color/ColorSpace TYPE_2CLR
java/awt/color/ColorSpace TYPE_3CLR
java/awt/color/ColorSpace TYPE_4CLR
java/awt/color/ColorSpace TYPE_5CLR
java/awt/color/ColorSpace TYPE_6CLR
java/awt/color/ColorSpace TYPE_7CLR
java/awt/color/ColorSpace TYPE_8CLR
java/awt/color/ColorSpace TYPE_9CLR
java/awt/color/ColorSpace TYPE_ACLR

java/awt/color/ColorSpace TYPE_BCLR
java/awt/color/ColorSpace TYPE_CCLR
java/awt/color/ColorSpace TYPE_DCLR
java/awt/color/ColorSpace TYPE_ECLR
java/awt/color/ColorSpace TYPE_FCLR
java/awt/color/ColorSpace CS_sRGB
java/awt/color/ColorSpace CS_LINEAR_RGB
java/awt/color/ColorSpace CS_CIEXYZ
java/awt/color/ColorSpace CS_PYCC
java/awt/color/ColorSpace CS_GRAY
java/awt/color/ColorSpace <init>(II)V
java/awt/color/ColorSpace getInstance(I)Ljava/awt/color/ColorSpace;
java/awt/color/ColorSpace isCS_sRGB()Z
java/awt/color/ColorSpace toRGB([F)[F
java/awt/color/ColorSpace
fromRGB([F)[F
java/awt/color/ColorSpace toCIEXYZ([F)[F
java/awt/color/ColorSpace fromCIEXYZ([F)[F
java/awt/color/ColorSpace getType()I
java/awt/color/ColorSpace getNumComponents()I
java/awt/color/ColorSpace getName(I)Ljava/lang/String;
java/awt/color/ColorSpace getMinValue(I)F
java/awt/color/ColorSpace getMaxValue(I)F
java/awt/color/ColorSpace isCS_CIEXYZ(Ljava/awt/color/ColorSpace;)Z
class java/awt/image/DirectColorModel java/awt/image/PackedColorModel
java/awt/image/DirectColorModel red_mask
java/awt/image/DirectColorModel green_mask
java/awt/image/DirectColorModel blue_mask
java/awt/image/DirectColorModel alpha_mask
java/awt/image/DirectColorModel red_offset
java/awt/image/DirectColorModel green_offset
java/awt/image/DirectColorModel blue_offset
java/awt/image/DirectColorModel alpha_offset
java/awt/image/DirectColorModel red_scale
java/awt/image/DirectColorModel green_scale
java/awt/image/DirectColorModel blue_scale
java/awt/image/DirectColorModel alpha_scale
java/awt/image/DirectColorModel
is_LinearRGB
java/awt/image/DirectColorModel lRGBprecision
java/awt/image/DirectColorModel tosRGB8LUT
java/awt/image/DirectColorModel fromsRGB8LUT8
java/awt/image/DirectColorModel fromsRGB8LUT16
java/awt/image/DirectColorModel <init>(IIII)V
java/awt/image/DirectColorModel <init>(IIIII)V
java/awt/image/DirectColorModel <init>(Ljava/awt/color/ColorSpace;IIIIIZI)V
java/awt/image/DirectColorModel getRedMask()I
java/awt/image/DirectColorModel getGreenMask()I

java/awt/image/DirectColorModel getBlueMask()I
java/awt/image/DirectColorModel getAlphaMask()I
java/awt/image/DirectColorModel getDefaultRGBComponents(I)[F
java/awt/image/DirectColorModel getsRGBComponentFromsRGB(II)I
java/awt/image/DirectColorModel getsRGBComponentFromLinearRGB(II)I
java/awt/image/DirectColorModel getRed(I)I
java/awt/image/DirectColorModel getGreen(I)I
java/awt/image/DirectColorModel getBlue(I)I
java/awt/image/DirectColorModel getAlpha(I)I
java/awt/image/DirectColorModel getRGB(I)I
java/awt/image/DirectColorModel
getRed(Ljava/lang/Object;)I
java/awt/image/DirectColorModel getGreen(Ljava/lang/Object;)I
java/awt/image/DirectColorModel getBlue(Ljava/lang/Object;)I
java/awt/image/DirectColorModel getAlpha(Ljava/lang/Object;)I
java/awt/image/DirectColorModel getRGB(Ljava/lang/Object;)I
java/awt/image/DirectColorModel getDataElements(ILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/DirectColorModel getComponents(I[II)[I
java/awt/image/DirectColorModel getComponents(Ljava/lang/Object;[II)[I
java/awt/image/DirectColorModel createCompatibleWritableRaster(II)Ljava/awt/image/WritableRaster;
java/awt/image/DirectColorModel getDataElement([II)I
java/awt/image/DirectColorModel getDataElements([IILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/DirectColorModel coerceData(Ljava/awt/image/WritableRaster;Z)Ljava/awt/image/ColorModel;
java/awt/image/DirectColorModel isCompatibleRaster(Ljava/awt/image/Raster;)Z
java/awt/image/DirectColorModel setFields()V
java/awt/image/DirectColorModel toString()Ljava/lang/String;
class
java/awt/image/PackedColorModel java/awt/image/ColorModel
java/awt/image/PackedColorModel maskArray
java/awt/image/PackedColorModel maskOffsets
java/awt/image/PackedColorModel scaleFactors
java/awt/image/PackedColorModel <init>(Ljava/awt/color/ColorSpace;I[IIZII)V
java/awt/image/PackedColorModel <init>(Ljava/awt/color/ColorSpace;IIIIIZII)V
java/awt/image/PackedColorModel getMask(I)I
java/awt/image/PackedColorModel getMasks()[I
java/awt/image/PackedColorModel DecomposeMask(IILjava/lang/String;)V
java/awt/image/PackedColorModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/PackedColorModel isCompatibleSampleModel(Ljava/awt/image/SampleModel;)Z
java/awt/image/PackedColorModel
getAlphaRaster(Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/PackedColorModel equals(Ljava/lang/Object;)Z
java/awt/image/PackedColorModel createBitsArray([II)[I
java/awt/image/PackedColorModel createBitsArray(IIII)[I
java/awt/image/PackedColorModel
countBits(I)I
class java/awt/image/ColorModel java/lang/Object
java/awt/image/ColorModel pData
java/awt/image/ColorModel pixel_bits

java/awt/image/ColorModel nBits
java/awt/image/ColorModel transparency
java/awt/image/ColorModel supportsAlpha
java/awt/image/ColorModel isAlphaPremultiplied
java/awt/image/ColorModel numComponents
java/awt/image/ColorModel numColorComponents
java/awt/image/ColorModel colorSpace
java/awt/image/ColorModel colorSpaceType
java/awt/image/ColorModel maxBits
java/awt/image/ColorModel is_sRGB
java/awt/image/ColorModel transferType
java/awt/image/ColorModel loaded
java/awt/image/ColorModel RGBdefault
java/awt/image/ColorModel l8Tos8
java/awt/image/ColorModel s8Tol8
java/awt/image/ColorModel l16Tos8
java/awt/image/ColorModel s8Tol16
java/awt/image/ColorModel g8Tos8Map
java/awt/image/ColorModel lg16Toog8Map
java/awt/image/ColorModel g16Tos8Map
java/awt/image/ColorModel lg16Toog16Map
java/awt/image/ColorModel loadLibraries()V
java/awt/image/ColorModel
initIDs()V
java/awt/image/ColorModel getRGBdefault()Ljava/awt/image/ColorModel;
java/awt/image/ColorModel <init>(I)V
java/awt/image/ColorModel <init>(I[ILjava/awt/color/ColorSpace;ZZII)V
java/awt/image/ColorModel hasAlpha()Z
java/awt/image/ColorModel isAlphaPremultiplied()Z
java/awt/image/ColorModel getTransferType()I
java/awt/image/ColorModel getPixelSize()I
java/awt/image/ColorModel getComponentSize(I)I
java/awt/image/ColorModel getComponentSize()[I
java/awt/image/ColorModel getTransparency()I
java/awt/image/ColorModel getNumComponents()I
java/awt/image/ColorModel getNumColorComponents()I
java/awt/image/ColorModel getRed(I)I
java/awt/image/ColorModel getGreen(I)I
java/awt/image/ColorModel getBlue(I)I
java/awt/image/ColorModel getAlpha(I)I
java/awt/image/ColorModel getRGB(I)I
java/awt/image/ColorModel getRed(Ljava/lang/Object;)I
java/awt/image/ColorModel getGreen(Ljava/lang/Object;)I
java/awt/image/ColorModel getBlue(Ljava/lang/Object;)I
java/awt/image/ColorModel getAlpha(Ljava/lang/Object;)I
java/awt/image/ColorModel
getRGB(Ljava/lang/Object;)I
java/awt/image/ColorModel getDataElements(ILjava/lang/Object;)Ljava/lang/Object;

java/awt/image/ColorModel getComponents(I[II)[I
java/awt/image/ColorModel getComponents(Ljava/lang/Object;[II)[I
java/awt/image/ColorModel getUnnormalizedComponents([FI[II)[I
java/awt/image/ColorModel getNormalizedComponents([II[FI)[F
java/awt/image/ColorModel getDataElement([II)I
java/awt/image/ColorModel getDataElements([IILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/ColorModel getDataElement([FI)I
java/awt/image/ColorModel getDataElements([FILjava/lang/Object;)Ljava/lang/Object;
java/awt/image/ColorModel getNormalizedComponents(Ljava/lang/Object;[FI)[F
java/awt/image/ColorModel equals(Ljava/lang/Object;)Z
java/awt/image/ColorModel hashCode()I
java/awt/image/ColorModel getColorSpace()Ljava/awt/color/ColorSpace;
java/awt/image/ColorModel coerceData(Ljava/awt/image/WritableRaster;Z)Ljava/awt/image/ColorModel;
java/awt/image/ColorModel
isCompatibleRaster(Ljava/awt/image/Raster;)Z
java/awt/image/ColorModel createCompatibleWritableRaster(II)Ljava/awt/image/WritableRaster;
java/awt/image/ColorModel createCompatibleSampleModel(II)Ljava/awt/image/SampleModel;
java/awt/image/ColorModel isCompatibleSampleModel(Ljava/awt/image/SampleModel;)Z
java/awt/image/ColorModel finalize()V
java/awt/image/ColorModel getAlphaRaster(Ljava/awt/image/WritableRaster;)Ljava/awt/image/WritableRaster;
java/awt/image/ColorModel toString()Ljava/lang/String;
java/awt/image/ColorModel getDefaultTransferType(I)I
java/awt/image/ColorModel isLinearRGBspace(Ljava/awt/color/ColorSpace;)Z
java/awt/image/ColorModel isLinearGRAYspace(Ljava/awt/color/ColorSpace;)Z
java/awt/image/ColorModel getLinearRGB8TosRGB8LUT()[B
java/awt/image/ColorModel getsRGB8ToLinearRGB8LUT()[B
java/awt/image/ColorModel getLinearRGB16TosRGB8LUT()[B
java/awt/image/ColorModel getsRGB8ToLinearRGB16LUT()[S
java/awt/image/ColorModel getGray8TosRGB8LUT(Ljava/awt/color/ICC_ColorSpace;)[B
java/awt/image/ColorModel
getLinearGray16ToOtherGray8LUT(Ljava/awt/color/ICC_ColorSpace;)[B
java/awt/image/ColorModel getGray16TosRGB8LUT(Ljava/awt/color/ICC_ColorSpace;)[B
java/awt/image/ColorModel getLinearGray16ToOtherGray16LUT(Ljava/awt/color/ICC_ColorSpace;)[S
java/awt/image/ColorModel <clinit>()V
class java/lang/IllegalStateException java/lang/RuntimeException
java/lang/IllegalStateException serialVersionUID
java/lang/IllegalStateException <init>()V
java/lang/IllegalStateException <init>(Ljava/lang/String;)V
java/lang/IllegalStateException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/IllegalStateException <init>(Ljava/lang/Throwable;)V
class java/awt/Transparency java/lang/Object
java/awt/Transparency OPAQUE
java/awt/Transparency BITMASK
java/awt/Transparency TRANSLUCENT
java/awt/Transparency getTransparency()I
class java/awt/FontMetrics java/lang/Object
java/awt/FontMetrics font
java/awt/FontMetrics serialVersionUID

java/awt/FontMetrics <init>(Ljava/awt/Font;)V
java/awt/FontMetrics
getFont()Ljava/awt/Font;
java/awt/FontMetrics getLeading()I
java/awt/FontMetrics getAscent()I
java/awt/FontMetrics getDescent()I
java/awt/FontMetrics getHeight()I
java/awt/FontMetrics getMaxAscent()I
java/awt/FontMetrics getMaxDescent()I
java/awt/FontMetrics getMaxDecent()I
java/awt/FontMetrics getMaxAdvance()I
java/awt/FontMetrics charWidth(I)I
java/awt/FontMetrics charWidth(C)I
java/awt/FontMetrics stringWidth(Ljava/lang/String;)I
java/awt/FontMetrics charsWidth([CII)I
java/awt/FontMetrics bytesWidth([BII)I
java/awt/FontMetrics getWidths()[I
java/awt/FontMetrics hasUniformLineMetrics()Z
java/awt/FontMetrics getLineMetrics(Ljava/lang/String;Ljava/awt/Graphics;)Ljava/awt/font/LineMetrics;
java/awt/FontMetrics getLineMetrics(Ljava/lang/String;IILjava/awt/Graphics;)Ljava/awt/font/LineMetrics;
java/awt/FontMetrics getLineMetrics([CIILjava/awt/Graphics;)Ljava/awt/font/LineMetrics;
java/awt/FontMetrics
getLineMetrics(Ljava/text/CharacterIterator;IILjava/awt/Graphics;)Ljava/awt/font/LineMetrics;
java/awt/FontMetrics
getStringBounds(Ljava/lang/String;Ljava/awt/Graphics;)Ljava/awt/geom/Rectangle2D;
java/awt/FontMetrics getStringBounds(Ljava/lang/String;IILjava/awt/Graphics;)Ljava/awt/geom/Rectangle2D;
java/awt/FontMetrics getStringBounds([CIILjava/awt/Graphics;)Ljava/awt/geom/Rectangle2D;
java/awt/FontMetrics
getStringBounds(Ljava/text/CharacterIterator;IILjava/awt/Graphics;)Ljava/awt/geom/Rectangle2D;
java/awt/FontMetrics getMaxCharBounds(Ljava/awt/Graphics;)Ljava/awt/geom/Rectangle2D;
java/awt/FontMetrics myFRC(Ljava/awt/Graphics;)Ljava/awt/font/FontRenderContext;
java/awt/FontMetrics toString()Ljava/lang/String;
java/awt/FontMetrics initIDs()V
java/awt/FontMetrics <clinit>()V
class java/util/WeakHashMap$Entry java/lang/ref/WeakReference
java/util/WeakHashMap$Entry value
java/util/WeakHashMap$Entry hash
java/util/WeakHashMap$Entry next
java/util/WeakHashMap$Entry
<init>(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/ref/ReferenceQueue;ILjava/util/WeakHashMap$Entry;)V
java/util/WeakHashMap$Entry
getKey()Ljava/lang/Object;
java/util/WeakHashMap$Entry getValue()Ljava/lang/Object;
java/util/WeakHashMap$Entry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/WeakHashMap$Entry equals(Ljava/lang/Object;)Z
java/util/WeakHashMap$Entry hashCode()I
java/util/WeakHashMap$Entry toString()Ljava/lang/String;
java/util/WeakHashMap$Entry access$000(Ljava/util/WeakHashMap$Entry;)I

java/util/WeakHashMap$Entry access$100(Ljava/util/WeakHashMap$Entry;)Ljava/util/WeakHashMap$Entry;
java/util/WeakHashMap$Entry
access$102(Ljava/util/WeakHashMap$Entry;Ljava/util/WeakHashMap$Entry;)Ljava/util/WeakHashMap$Entry;
java/util/WeakHashMap$Entry access$202(Ljava/util/WeakHashMap$Entry;Ljava/lang/Object;)Ljava/lang/Object;
java/util/WeakHashMap$Entry access$200(Ljava/util/WeakHashMap$Entry;)Ljava/lang/Object;
class java/util/WeakHashMap java/util/AbstractMap
java/util/WeakHashMap DEFAULT_INITIAL_CAPACITY
java/util/WeakHashMap MAXIMUM_CAPACITY
java/util/WeakHashMap
DEFAULT_LOAD_FACTOR
java/util/WeakHashMap table
java/util/WeakHashMap size
java/util/WeakHashMap threshold
java/util/WeakHashMap loadFactor
java/util/WeakHashMap queue
java/util/WeakHashMap modCount
java/util/WeakHashMap NULL_KEY
java/util/WeakHashMap entrySet
java/util/WeakHashMap <init>(IF)V
java/util/WeakHashMap <init>(I)V
java/util/WeakHashMap <init>()V
java/util/WeakHashMap <init>(Ljava/util/Map;)V
java/util/WeakHashMap maskNull(Ljava/lang/Object;)Ljava/lang/Object;
java/util/WeakHashMap unmaskNull(Ljava/lang/Object;)Ljava/lang/Object;
java/util/WeakHashMap eq(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/WeakHashMap indexFor(II)I
java/util/WeakHashMap expungeStaleEntries()V
java/util/WeakHashMap getTable()[Ljava/util/WeakHashMap$Entry;
java/util/WeakHashMap size()I
java/util/WeakHashMap isEmpty()Z
java/util/WeakHashMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/WeakHashMap containsKey(Ljava/lang/Object;)Z
java/util/WeakHashMap getEntry(Ljava/lang/Object;)Ljava/util/WeakHashMap$Entry;
java/util/WeakHashMap
put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/WeakHashMap resize(I)V
java/util/WeakHashMap transfer([Ljava/util/WeakHashMap$Entry;[Ljava/util/WeakHashMap$Entry;)V
java/util/WeakHashMap putAll(Ljava/util/Map;)V
java/util/WeakHashMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/WeakHashMap removeMapping(Ljava/lang/Object;)Ljava/util/WeakHashMap$Entry;
java/util/WeakHashMap clear()V
java/util/WeakHashMap containsValue(Ljava/lang/Object;)Z
java/util/WeakHashMap containsNullValue()Z
java/util/WeakHashMap keySet()Ljava/util/Set;
java/util/WeakHashMap values()Ljava/util/Collection;
java/util/WeakHashMap entrySet()Ljava/util/Set;
java/util/WeakHashMap access$300(Ljava/lang/Object;)Ljava/lang/Object;
java/util/WeakHashMap access$400(Ljava/util/WeakHashMap;)I

java/util/WeakHashMap access$500(Ljava/util/WeakHashMap;)[Ljava/util/WeakHashMap$Entry;
java/util/WeakHashMap <clinit>()V
class java/io/FilenameFilter java/lang/Object
java/io/FilenameFilter
 accept(Ljava/io/File;Ljava/lang/String;)Z
class java/awt/Point java/awt/geom/Point2D
java/awt/Point x
java/awt/Point y
java/awt/Point serialVersionUID
java/awt/Point <init>()V
java/awt/Point <init>(Ljava/awt/Point;)V
java/awt/Point <init>(II)V
java/awt/Point getX()D
java/awt/Point getY()D
java/awt/Point getLocation()Ljava/awt/Point;
java/awt/Point setLocation(Ljava/awt/Point;)V
java/awt/Point setLocation(II)V
java/awt/Point setLocation(DD)V
java/awt/Point move(II)V
java/awt/Point translate(II)V
java/awt/Point equals(Ljava/lang/Object;)Z
java/awt/Point toString()Ljava/lang/String;
class java/awt/geom/Point2D java/lang/Object
java/awt/geom/Point2D <init>()V
java/awt/geom/Point2D getX()D
java/awt/geom/Point2D getY()D
java/awt/geom/Point2D setLocation(DD)V
java/awt/geom/Point2D setLocation(Ljava/awt/geom/Point2D;)V
java/awt/geom/Point2D distanceSq(DDDD)D
java/awt/geom/Point2D distance(DDDD)D
java/awt/geom/Point2D distanceSq(DD)D
java/awt/geom/Point2D distanceSq(Ljava/awt/geom/Point2D;)D
java/awt/geom/Point2D
 distance(DD)D
java/awt/geom/Point2D distance(Ljava/awt/geom/Point2D;)D
java/awt/geom/Point2D clone()Ljava/lang/Object;
java/awt/geom/Point2D hashCode()I
java/awt/geom/Point2D equals(Ljava/lang/Object;)Z
class java/awt/Cursor java/lang/Object
java/awt/Cursor DEFAULT_CURSOR
java/awt/Cursor CROSSHAIR_CURSOR
java/awt/Cursor TEXT_CURSOR
java/awt/Cursor WAIT_CURSOR
java/awt/Cursor SW_RESIZE_CURSOR
java/awt/Cursor SE_RESIZE_CURSOR
java/awt/Cursor NW_RESIZE_CURSOR
java/awt/Cursor NE_RESIZE_CURSOR
java/awt/Cursor N_RESIZE_CURSOR

java/awt/Cursor S_RESIZE_CURSOR
java/awt/Cursor W_RESIZE_CURSOR
java/awt/Cursor E_RESIZE_CURSOR
java/awt/Cursor HAND_CURSOR
java/awt/Cursor MOVE_CURSOR
java/awt/Cursor predefined
java/awt/Cursor cursorProperties
java/awt/Cursor type
java/awt/Cursor CUSTOM_CURSOR
java/awt/Cursor systemCustomCursors
java/awt/Cursor systemCustomCursorDirPrefix
java/awt/Cursor systemCustomCursorPropertiesFile
java/awt/Cursor systemCustomCursorProperties
java/awt/Cursor
CursorDotPrefix
java/awt/Cursor DotFileSuffix
java/awt/Cursor DotHotspotSuffix
java/awt/Cursor DotNameSuffix
java/awt/Cursor serialVersionUID
java/awt/Cursor dbg
java/awt/Cursor pData
java/awt/Cursor anchor
java/awt/Cursor disposer
java/awt/Cursor name
java/awt/Cursor initCursorDir()Ljava/lang/String;
java/awt/Cursor initIDs()V
java/awt/Cursor setPData(J)V
java/awt/Cursor getPredefinedCursor(I)Ljava/awt/Cursor;
java/awt/Cursor getSystemCustomCursor(Ljava/lang/String;)Ljava/awt/Cursor;
java/awt/Cursor getDefaultCursor()Ljava/awt/Cursor;
java/awt/Cursor <init>(I)V
java/awt/Cursor <init>(Ljava/lang/String;)V
java/awt/Cursor getType()I
java/awt/Cursor getName()Ljava/lang/String;
java/awt/Cursor toString()Ljava/lang/String;
java/awt/Cursor loadSystemCustomCursorProperties()V
java/awt/Cursor finalizeImpl(J)V
java/awt/Cursor access$000(J)V
java/awt/Cursor access$100()Ljava/lang/String;
java/awt/Cursor access$200()Ljava/lang/String;
java/awt/Cursor access$300()Ljava/util/Properties;
java/awt/Cursor
<clinit>()V
class java/awt/ComponentOrientation java/lang/Object
java/awt/ComponentOrientation UNK_BIT
java/awt/ComponentOrientation HORIZ_BIT
java/awt/ComponentOrientation LTR_BIT
java/awt/ComponentOrientation LEFT_TO_RIGHT

java/awt/ComponentOrientation RIGHT_TO_LEFT
java/awt/ComponentOrientation UNKNOWN
java/awt/ComponentOrientation orientation
java/awt/ComponentOrientation isHorizontal()Z
java/awt/ComponentOrientation isLeftToRight()Z
java/awt/ComponentOrientation getOrientation(Ljava/util/Locale;)Ljava/awt/ComponentOrientation;
java/awt/ComponentOrientation getOrientation(Ljava/util/ResourceBundle;)Ljava/awt/ComponentOrientation;
java/awt/ComponentOrientation <init>(I)V
java/awt/ComponentOrientation <clinit>()V
class java/awt/Dimension java/awt/geom/Dimension2D
java/awt/Dimension width
java/awt/Dimension height
java/awt/Dimension serialVersionUID
java/awt/Dimension initIDs()V
java/awt/Dimension <init>()V
java/awt/Dimension <init>(Ljava/awt/Dimension;)V
java/awt/Dimension
 <init>(II)V
java/awt/Dimension getWidth()D
java/awt/Dimension getHeight()D
java/awt/Dimension setSize(DD)V
java/awt/Dimension getSize()Ljava/awt/Dimension;
java/awt/Dimension setSize(Ljava/awt/Dimension;)V
java/awt/Dimension setSize(II)V
java/awt/Dimension equals(Ljava/lang/Object;)Z
java/awt/Dimension hashCode()I
java/awt/Dimension toString()Ljava/lang/String;
java/awt/Dimension <clinit>()V
class java/awt/geom/Dimension2D java/lang/Object
java/awt/geom/Dimension2D <init>()V
java/awt/geom/Dimension2D getWidth()D
java/awt/geom/Dimension2D getHeight()D
java/awt/geom/Dimension2D setSize(DD)V
java/awt/geom/Dimension2D setSize(Ljava/awt/geom/Dimension2D;)V
java/awt/geom/Dimension2D clone()Ljava/lang/Object;
class java/awt/LightweightDispatcher java/lang/Object
java/awt/LightweightDispatcher serialVersionUID
java/awt/LightweightDispatcher LWD_MOUSE_DRAGGED_OVER
java/awt/LightweightDispatcher dbg
java/awt/LightweightDispatcher nativeContainer
java/awt/LightweightDispatcher
 focus
java/awt/LightweightDispatcher mouseEventTarget
java/awt/LightweightDispatcher targetLastEntered
java/awt/LightweightDispatcher isMouseInNativeContainer
java/awt/LightweightDispatcher nativeCursor
java/awt/LightweightDispatcher eventMask
java/awt/LightweightDispatcher PROXY_EVENT_MASK

java/awt/LightweightDispatcher MOUSE_MASK
java/awt/LightweightDispatcher $assertionsDisabled
java/awt/LightweightDispatcher <init>(Ljava/awt/Container;)V
java/awt/LightweightDispatcher dispose()V
java/awt/LightweightDispatcher enableEvents(J)V
java/awt/LightweightDispatcher dispatchEvent(Ljava/awt/AWTEvent;)Z
java/awt/LightweightDispatcher isMouseGrab(Ljava/awt/event/MouseEvent;)Z
java/awt/LightweightDispatcher processMouseEvent(Ljava/awt/event/MouseEvent;)Z
java/awt/LightweightDispatcher processDropTargetEvent(Lsun/awt/dnd/SunDropTargetEvent;)Z
java/awt/LightweightDispatcher trackMouseEnterExit(Ljava/awt/Component;Ljava/awt/event/MouseEvent;)V
java/awt/LightweightDispatcher startListeningForOtherDrags()V
java/awt/LightweightDispatcher
stopListeningForOtherDrags()V
java/awt/LightweightDispatcher eventDispatched(Ljava/awt/AWTEvent;)V
java/awt/LightweightDispatcher retargetMouseEvent(Ljava/awt/Component;ILjava/awt/event/MouseEvent;)V
java/awt/LightweightDispatcher access$000(Ljava/awt/LightweightDispatcher;)Ljava/awt/Container;
java/awt/LightweightDispatcher
access$100(Ljava/awt/LightweightDispatcher;Ljava/awt/Component;Ljava/awt/event/MouseEvent;)V
java/awt/LightweightDispatcher <clinit>()V
class java/awt/event/AWTEventListener java/lang/Object
java/awt/event/AWTEventListener eventDispatched(Ljava/awt/AWTEvent;)V
class java/awt/LayoutManager java/lang/Object
java/awt/LayoutManager addLayoutComponent(Ljava/lang/String;Ljava/awt/Component;)V
java/awt/LayoutManager removeLayoutComponent(Ljava/awt/Component;)V
java/awt/LayoutManager preferredLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/LayoutManager minimumLayoutSize(Ljava/awt/Container;)Ljava/awt/Dimension;
java/awt/LayoutManager
layoutContainer(Ljava/awt/Container;)V
class java/awt/geom/AffineTransform java/lang/Object
java/awt/geom/AffineTransform TYPE_UNKNOWN
java/awt/geom/AffineTransform TYPE_IDENTITY
java/awt/geom/AffineTransform TYPE_TRANSLATION
java/awt/geom/AffineTransform TYPE_UNIFORM_SCALE
java/awt/geom/AffineTransform TYPE_GENERAL_SCALE
java/awt/geom/AffineTransform TYPE_MASK_SCALE
java/awt/geom/AffineTransform TYPE_FLIP
java/awt/geom/AffineTransform TYPE_QUADRANT_ROTATION
java/awt/geom/AffineTransform TYPE_GENERAL_ROTATION
java/awt/geom/AffineTransform TYPE_MASK_ROTATION
java/awt/geom/AffineTransform TYPE_GENERAL_TRANSFORM
java/awt/geom/AffineTransform APPLY_IDENTITY
java/awt/geom/AffineTransform APPLY_TRANSLATE
java/awt/geom/AffineTransform APPLY_SCALE
java/awt/geom/AffineTransform APPLY_SHEAR
java/awt/geom/AffineTransform HI_SHIFT
java/awt/geom/AffineTransform HI_IDENTITY
java/awt/geom/AffineTransform HI_TRANSLATE
java/awt/geom/AffineTransform HI_SCALE

java/awt/geom/AffineTransform
 HI_SHEAR
java/awt/geom/AffineTransform m00
java/awt/geom/AffineTransform m10
java/awt/geom/AffineTransform m01
java/awt/geom/AffineTransform m11
java/awt/geom/AffineTransform m02
java/awt/geom/AffineTransform m12
java/awt/geom/AffineTransform state
java/awt/geom/AffineTransform type
java/awt/geom/AffineTransform rot90conversion
java/awt/geom/AffineTransform <init>(DDDDDDI)V
java/awt/geom/AffineTransform <init>()V
java/awt/geom/AffineTransform <init>(Ljava/awt/geom/AffineTransform;)V
java/awt/geom/AffineTransform <init>(FFFFFF)V
java/awt/geom/AffineTransform <init>([F)V
java/awt/geom/AffineTransform <init>(DDDDDD)V
java/awt/geom/AffineTransform <init>([D)V
java/awt/geom/AffineTransform getTranslateInstance(DD)Ljava/awt/geom/AffineTransform;
java/awt/geom/AffineTransform getRotateInstance(D)Ljava/awt/geom/AffineTransform;
java/awt/geom/AffineTransform getRotateInstance(DDD)Ljava/awt/geom/AffineTransform;
java/awt/geom/AffineTransform getScaleInstance(DD)Ljava/awt/geom/AffineTransform;
java/awt/geom/AffineTransform
 getShearInstance(DD)Ljava/awt/geom/AffineTransform;
java/awt/geom/AffineTransform getType()I
java/awt/geom/AffineTransform calculateType()V
java/awt/geom/AffineTransform getDeterminant()D
java/awt/geom/AffineTransform updateState()V
java/awt/geom/AffineTransform stateError()V
java/awt/geom/AffineTransform getMatrix([D)V
java/awt/geom/AffineTransform getScaleX()D
java/awt/geom/AffineTransform getScaleY()D
java/awt/geom/AffineTransform getShearX()D
java/awt/geom/AffineTransform getShearY()D
java/awt/geom/AffineTransform getTranslateX()D
java/awt/geom/AffineTransform getTranslateY()D
java/awt/geom/AffineTransform translate(DD)V
java/awt/geom/AffineTransform rotate(D)V
java/awt/geom/AffineTransform rotate(DDD)V
java/awt/geom/AffineTransform scale(DD)V
java/awt/geom/AffineTransform shear(DD)V
java/awt/geom/AffineTransform setToIdentity()V
java/awt/geom/AffineTransform setToTranslation(DD)V
java/awt/geom/AffineTransform setToRotation(D)V
java/awt/geom/AffineTransform
 setToRotation(DDD)V
java/awt/geom/AffineTransform setToScale(DD)V
java/awt/geom/AffineTransform setToShear(DD)V

java/awt/geom/AffineTransform setTransform(Ljava/awt/geom/AffineTransform;)V
java/awt/geom/AffineTransform setTransform(DDDDDD)V
java/awt/geom/AffineTransform concatenate(Ljava/awt/geom/AffineTransform;)V
java/awt/geom/AffineTransform preConcatenate(Ljava/awt/geom/AffineTransform;)V
java/awt/geom/AffineTransform createInverse()Ljava/awt/geom/AffineTransform;
java/awt/geom/AffineTransform
transform(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/geom/AffineTransform transform([Ljava/awt/geom/Point2D;I[Ljava/awt/geom/Point2D;II)V
java/awt/geom/AffineTransform transform([FI[FII)V
java/awt/geom/AffineTransform transform([DI[DII)V
java/awt/geom/AffineTransform transform([FI[DII)V
java/awt/geom/AffineTransform transform([DI[FII)V
java/awt/geom/AffineTransform
inverseTransform(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/geom/AffineTransform
 inverseTransform([DI[DII)V
java/awt/geom/AffineTransform
deltaTransform(Ljava/awt/geom/Point2D;Ljava/awt/geom/Point2D;)Ljava/awt/geom/Point2D;
java/awt/geom/AffineTransform deltaTransform([DI[DII)V
java/awt/geom/AffineTransform createTransformedShape(Ljava/awt/Shape;)Ljava/awt/Shape;
java/awt/geom/AffineTransform _matround(D)D
java/awt/geom/AffineTransform toString()Ljava/lang/String;
java/awt/geom/AffineTransform isIdentity()Z
java/awt/geom/AffineTransform clone()Ljava/lang/Object;
java/awt/geom/AffineTransform hashCode()I
java/awt/geom/AffineTransform equals(Ljava/lang/Object;)Z
java/awt/geom/AffineTransform writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/geom/AffineTransform readObject(Ljava/io/ObjectInputStream;)V
java/awt/geom/AffineTransform <clinit>()V
class java/awt/font/TransformAttribute java/lang/Object
java/awt/font/TransformAttribute transform
java/awt/font/TransformAttribute serialVersionUID
java/awt/font/TransformAttribute <init>(Ljava/awt/geom/AffineTransform;)V
java/awt/font/TransformAttribute
 getTransform()Ljava/awt/geom/AffineTransform;
java/awt/font/TransformAttribute isIdentity()Z
java/awt/font/TransformAttribute writeObject(Ljava/io/ObjectOutputStream;)V
class java/awt/Font java/lang/Object
java/awt/Font fRequestedAttributes
java/awt/Font EMPTY_MAP
java/awt/Font IDENT_TX_ATTRIBUTE
java/awt/Font PLAIN
java/awt/Font BOLD
java/awt/Font ITALIC
java/awt/Font ROMAN_BASELINE
java/awt/Font CENTER_BASELINE
java/awt/Font HANGING_BASELINE
java/awt/Font TRUETYPE_FONT

java/awt/Font TYPE1_FONT
java/awt/Font name
java/awt/Font style
java/awt/Font size
java/awt/Font pointSize
java/awt/Font peer
java/awt/Font pData
java/awt/Font font2DHandle
java/awt/Font superscript
java/awt/Font width
java/awt/Font createdFont
java/awt/Font matrix
java/awt/Font nonIdentityTx
java/awt/Font identityTx
java/awt/Font serialVersionUID
java/awt/Font cacheRef
java/awt/Font ssinfo
java/awt/Font fontSerializedDataVersion
java/awt/Font cachedMat
java/awt/Font
flmref
java/awt/Font LAYOUT_LEFT_TO_RIGHT
java/awt/Font LAYOUT_RIGHT_TO_LEFT
java/awt/Font LAYOUT_NO_START_CONTEXT
java/awt/Font LAYOUT_NO_LIMIT_CONTEXT
java/awt/Font getPeer()Ljava/awt/peer/FontPeer;
java/awt/Font getPeer_NoClientCode()Ljava/awt/peer/FontPeer;
java/awt/Font getRequestedAttributes()Ljava/util/Hashtable;
java/awt/Font initializeFont(Ljava/util/Hashtable;)V
java/awt/Font getFont2D()Lsun/font/Font2D;
java/awt/Font getFont2DHandleForCreatedFont()Lsun/font/Font2DHandle;
java/awt/Font <init>(Ljava/lang/String;II)V
java/awt/Font <init>(Ljava/lang/String;IF)V
java/awt/Font <init>(Ljava/io/File;IZ)V
java/awt/Font <init>(Ljava/util/Map;ZLsun/font/Font2DHandle;)V
java/awt/Font <init>(Ljava/util/Map;)V
java/awt/Font initFromMap(Ljava/util/Map;)V
java/awt/Font getFont(Ljava/util/Map;)Ljava/awt/Font;
java/awt/Font get(Ljava/awt/Font$Key;)Ljava/awt/Font;
java/awt/Font createFont(ILjava/io/InputStream;)Ljava/awt/Font;
java/awt/Font createFont(ILjava/io/File;)Ljava/awt/Font;
java/awt/Font
getTransform()Ljava/awt/geom/AffineTransform;
java/awt/Font getFamily()Ljava/lang/String;
java/awt/Font getFamily_NoClientCode()Ljava/lang/String;
java/awt/Font getFamily(Ljava/util/Locale;)Ljava/lang/String;
java/awt/Font getPSName()Ljava/lang/String;
java/awt/Font getName()Ljava/lang/String;

java/awt/Font getFontName()Ljava/lang/String;
java/awt/Font getFontName(Ljava/util/Locale;)Ljava/lang/String;
java/awt/Font getStyle()I
java/awt/Font getSize()I
java/awt/Font getSize2D()F
java/awt/Font isPlain()Z
java/awt/Font isBold()Z
java/awt/Font isItalic()Z
java/awt/Font isTransformed()Z
java/awt/Font getFont(Ljava/lang/String;)Ljava/awt/Font;
java/awt/Font decode(Ljava/lang/String;)Ljava/awt/Font;
java/awt/Font getFont(Ljava/lang/String;Ljava/awt/Font;)Ljava/awt/Font;
java/awt/Font hashCode()I
java/awt/Font equals(Ljava/lang/Object;)Z
java/awt/Font toString()Ljava/lang/String;
java/awt/Font writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Font readObject(Ljava/io/ObjectInputStream;)V
java/awt/Font
getNumGlyphs()I
java/awt/Font getMissingGlyphCode()I
java/awt/Font getMatrix()[D
java/awt/Font getBaselineFor(C)B
java/awt/Font getAttributes()Ljava/util/Map;
java/awt/Font getAvailableAttributes()[Ljava/text/AttributedCharacterIterator$Attribute;
java/awt/Font deriveFont(IF)Ljava/awt/Font;
java/awt/Font deriveFont(ILjava/awt/geom/AffineTransform;)Ljava/awt/Font;
java/awt/Font deriveFont(F)Ljava/awt/Font;
java/awt/Font deriveFont(Ljava/awt/geom/AffineTransform;)Ljava/awt/Font;
java/awt/Font deriveFont(I)Ljava/awt/Font;
java/awt/Font deriveFont(Ljava/util/Map;)Ljava/awt/Font;
java/awt/Font canDisplay(C)Z
java/awt/Font canDisplay(I)Z
java/awt/Font canDisplayUpTo(Ljava/lang/String;)I
java/awt/Font canDisplayUpTo([CII)I
java/awt/Font canDisplayUpTo(Ljava/text/CharacterIterator;II)I
java/awt/Font getItalicAngle()F
java/awt/Font hasUniformLineMetrics()Z
java/awt/Font defaultLineMetrics(Ljava/awt/font/FontRenderContext;)Lsun/font/FontLineMetrics;
java/awt/Font getLineMetrics(Ljava/lang/String;Ljava/awt/font/FontRenderContext;)Ljava/awt/font/LineMetrics;
java/awt/Font
getLineMetrics(Ljava/lang/String;IILjava/awt/font/FontRenderContext;)Ljava/awt/font/LineMetrics;
java/awt/Font getLineMetrics([CIILjava/awt/font/FontRenderContext;)Ljava/awt/font/LineMetrics;
java/awt/Font
getLineMetrics(Ljava/text/CharacterIterator;IILjava/awt/font/FontRenderContext;)Ljava/awt/font/LineMetrics;
java/awt/Font
getStringBounds(Ljava/lang/String;Ljava/awt/font/FontRenderContext;)Ljava/awt/geom/Rectangle2D;
java/awt/Font
getStringBounds(Ljava/lang/String;IILjava/awt/font/FontRenderContext;)Ljava/awt/geom/Rectangle2D;

java/awt/Font getStringBounds([CIILjava/awt/font/FontRenderContext;)Ljava/awt/geom/Rectangle2D;
java/awt/Font
getStringBounds(Ljava/text/CharacterIterator;IILjava/awt/font/FontRenderContext;)Ljava/awt/geom/Rectangle2D;
java/awt/Font getMaxCharBounds(Ljava/awt/font/FontRenderContext;)Ljava/awt/geom/Rectangle2D;
java/awt/Font
createGlyphVector(Ljava/awt/font/FontRenderContext;Ljava/lang/String;)Ljava/awt/font/GlyphVector;
java/awt/Font
createGlyphVector(Ljava/awt/font/FontRenderContext;[C)Ljava/awt/font/GlyphVector;
java/awt/Font
createGlyphVector(Ljava/awt/font/FontRenderContext;Ljava/text/CharacterIterator;)Ljava/awt/font/GlyphVector;
java/awt/Font createGlyphVector(Ljava/awt/font/FontRenderContext;[I)Ljava/awt/font/GlyphVector;
java/awt/Font layoutGlyphVector(Ljava/awt/font/FontRenderContext;[CIII)Ljava/awt/font/GlyphVector;
java/awt/Font applyTransform(Ljava/awt/geom/AffineTransform;Ljava/util/Map;)V
java/awt/Font applyStyle(ILjava/util/Map;)V
java/awt/Font applySize(FLjava/util/Map;)V
java/awt/Font initIDs()V
java/awt/Font pDispose()V
java/awt/Font finalize()V
java/awt/Font <clinit>()V
class java/util/EventListener java/lang/Object
class java/awt/dnd/peer/DropTargetPeer java/lang/Object
java/awt/dnd/peer/DropTargetPeer addDropTarget(Ljava/awt/dnd/DropTarget;)V
java/awt/dnd/peer/DropTargetPeer removeDropTarget(Ljava/awt/dnd/DropTarget;)V
class
java/awt/peer/ComponentPeer java/lang/Object
java/awt/peer/ComponentPeer SET_LOCATION
java/awt/peer/ComponentPeer SET_SIZE
java/awt/peer/ComponentPeer SET_BOUNDS
java/awt/peer/ComponentPeer SET_CLIENT_SIZE
java/awt/peer/ComponentPeer RESET_OPERATION
java/awt/peer/ComponentPeer NO_EMBEDDED_CHECK
java/awt/peer/ComponentPeer DEFAULT_OPERATION
java/awt/peer/ComponentPeer isObscured()Z
java/awt/peer/ComponentPeer canDetermineObscurity()Z
java/awt/peer/ComponentPeer setVisible(Z)V
java/awt/peer/ComponentPeer setEnabled(Z)V
java/awt/peer/ComponentPeer paint(Ljava/awt/Graphics;)V
java/awt/peer/ComponentPeer repaint(JIIII)V
java/awt/peer/ComponentPeer print(Ljava/awt/Graphics;)V
java/awt/peer/ComponentPeer setBounds(IIIII)V
java/awt/peer/ComponentPeer handleEvent(Ljava/awt/AWTEvent;)V
java/awt/peer/ComponentPeer coalescePaintEvent(Ljava/awt/event/PaintEvent;)V
java/awt/peer/ComponentPeer getLocationOnScreen()Ljava/awt/Point;
java/awt/peer/ComponentPeer getPreferredSize()Ljava/awt/Dimension;
java/awt/peer/ComponentPeer
getMinimumSize()Ljava/awt/Dimension;
java/awt/peer/ComponentPeer getColorModel()Ljava/awt/image/ColorModel;
java/awt/peer/ComponentPeer getToolkit()Ljava/awt/Toolkit;

java/awt/peer/ComponentPeer getGraphics()Ljava/awt/Graphics;
java/awt/peer/ComponentPeer getFontMetrics(Ljava/awt/Font;)Ljava/awt/FontMetrics;
java/awt/peer/ComponentPeer dispose()V
java/awt/peer/ComponentPeer setForeground(Ljava/awt/Color;)V
java/awt/peer/ComponentPeer setBackground(Ljava/awt/Color;)V
java/awt/peer/ComponentPeer setFont(Ljava/awt/Font;)V
java/awt/peer/ComponentPeer updateCursorImmediately()V
java/awt/peer/ComponentPeer requestFocus(Ljava/awt/Component;ZZJ)Z
java/awt/peer/ComponentPeer isFocusable()Z
java/awt/peer/ComponentPeer createImage(Ljava/awt/image/ImageProducer;)Ljava/awt/Image;
java/awt/peer/ComponentPeer createImage(II)Ljava/awt/Image;
java/awt/peer/ComponentPeer createVolatileImage(II)Ljava/awt/image/VolatileImage;
java/awt/peer/ComponentPeer prepareImage(Ljava/awt/Image;IILjava/awt/image/ImageObserver;)Z
java/awt/peer/ComponentPeer
checkImage(Ljava/awt/Image;IILjava/awt/image/ImageObserver;)I
java/awt/peer/ComponentPeer getGraphicsConfiguration()Ljava/awt/GraphicsConfiguration;
java/awt/peer/ComponentPeer handlesWheelScrolling()Z
java/awt/peer/ComponentPeer createBuffers(ILjava/awt/BufferCapabilities;)V
java/awt/peer/ComponentPeer getBackBuffer()Ljava/awt/Image;
java/awt/peer/ComponentPeer flip(Ljava/awt/BufferCapabilities$FlipContents;)V
java/awt/peer/ComponentPeer destroyBuffers()V
java/awt/peer/ComponentPeer reparent(Ljava/awt/peer/ContainerPeer;)V
java/awt/peer/ComponentPeer isReparentSupported()Z
java/awt/peer/ComponentPeer layout()V
java/awt/peer/ComponentPeer getBounds()Ljava/awt/Rectangle;
java/awt/peer/ComponentPeer preferredSize()Ljava/awt/Dimension;
java/awt/peer/ComponentPeer minimumSize()Ljava/awt/Dimension;
java/awt/peer/ComponentPeer show()V
java/awt/peer/ComponentPeer hide()V
java/awt/peer/ComponentPeer enable()V
java/awt/peer/ComponentPeer
disable()V
java/awt/peer/ComponentPeer reshape(IIII)V
class java/awt/Insets java/lang/Object
java/awt/Insets top
java/awt/Insets left
java/awt/Insets bottom
java/awt/Insets right
java/awt/Insets serialVersionUID
java/awt/Insets <init>(IIII)V
java/awt/Insets set(IIII)V
java/awt/Insets equals(Ljava/lang/Object;)Z
java/awt/Insets hashCode()I
java/awt/Insets toString()Ljava/lang/String;
java/awt/Insets clone()Ljava/lang/Object;
java/awt/Insets initIDs()V
java/awt/Insets <clinit>()V
class java/awt/GraphicsEnvironment$1 java/lang/Object

java/awt/GraphicsEnvironment$1 <init>()V
java/awt/GraphicsEnvironment$1 run()Ljava/lang/Object;
class java/awt/GraphicsEnvironment java/lang/Object
java/awt/GraphicsEnvironment localEnv
java/awt/GraphicsEnvironment headless
java/awt/GraphicsEnvironment defaultHeadless
java/awt/GraphicsEnvironment <init>()V
java/awt/GraphicsEnvironment getLocalGraphicsEnvironment()Ljava/awt/GraphicsEnvironment;
java/awt/GraphicsEnvironment isHeadless()Z
java/awt/GraphicsEnvironment
 getHeadlessMessage()Ljava/lang/String;
java/awt/GraphicsEnvironment getHeadlessProperty()Z
java/awt/GraphicsEnvironment checkHeadless()V
java/awt/GraphicsEnvironment isHeadlessInstance()Z
java/awt/GraphicsEnvironment getScreenDevices()[Ljava/awt/GraphicsDevice;
java/awt/GraphicsEnvironment getDefaultScreenDevice()Ljava/awt/GraphicsDevice;
java/awt/GraphicsEnvironment createGraphics(Ljava/awt/image/BufferedImage;)Ljava/awt/Graphics2D;
java/awt/GraphicsEnvironment getAllFonts()[Ljava/awt/Font;
java/awt/GraphicsEnvironment getAvailableFontFamilyNames()[Ljava/lang/String;
java/awt/GraphicsEnvironment getAvailableFontFamilyNames(Ljava/util/Locale;)[Ljava/lang/String;
java/awt/GraphicsEnvironment preferLocaleFonts()V
java/awt/GraphicsEnvironment preferProportionalFonts()V
java/awt/GraphicsEnvironment getCenterPoint()Ljava/awt/Point;
java/awt/GraphicsEnvironment getMaximumWindowBounds()Ljava/awt/Rectangle;
java/awt/GraphicsEnvironment access$002(Ljava/lang/Boolean;)Ljava/lang/Boolean;
java/awt/GraphicsEnvironment
 access$102(Ljava/lang/Boolean;)Ljava/lang/Boolean;
class java/awt/Toolkit$1 java/lang/Object
java/awt/Toolkit$1 val$sep
java/awt/Toolkit$1 val$properties
java/awt/Toolkit$1 <init>(Ljava/lang/String;Ljava/util/Properties;)V
java/awt/Toolkit$1 run()Ljava/lang/Object;
class java/net/URLClassLoader$2 java/lang/Object
java/net/URLClassLoader$2 val$name
java/net/URLClassLoader$2 this$0
java/net/URLClassLoader$2 <init>(Ljava/net/URLClassLoader;Ljava/lang/String;)V
java/net/URLClassLoader$2 run()Ljava/lang/Object;
class java/util/ResourceBundle$1 java/lang/Object
java/util/ResourceBundle$1 val$loader
java/util/ResourceBundle$1 val$resName
java/util/ResourceBundle$1 <init>(Ljava/lang/ClassLoader;Ljava/lang/String;)V
java/util/ResourceBundle$1 run()Ljava/lang/Object;
class java/io/FileNotFoundException java/io/IOException
java/io/FileNotFoundException <init>()V
java/io/FileNotFoundException <init>(Ljava/lang/String;)V
java/io/FileNotFoundException
 <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/io/IOException java/lang/Exception

java/io/IOException <init>()V
java/io/IOException <init>(Ljava/lang/String;)V
class java/util/ListResourceBundle java/util/ResourceBundle
java/util/ListResourceBundle lookup
java/util/ListResourceBundle <init>()V
java/util/ListResourceBundle handleGetObject(Ljava/lang/String;)Ljava/lang/Object;
java/util/ListResourceBundle getKeys()Ljava/util/Enumeration;
java/util/ListResourceBundle getContents()[[Ljava/lang/Object;
java/util/ListResourceBundle loadLookup()V
class java/util/ResourceBundle$LoaderReference java/lang/ref/WeakReference
java/util/ResourceBundle$LoaderReference cacheKey
java/util/ResourceBundle$LoaderReference
<init>(Ljava/lang/Object;Ljava/lang/ref/ReferenceQueue;Ljava/util/ResourceBundle$ResourceCacheKey;)V
java/util/ResourceBundle$LoaderReference getCacheKey()Ljava/util/ResourceBundle$ResourceCacheKey;
class java/util/ResourceBundle$ResourceCacheKey java/lang/Object
java/util/ResourceBundle$ResourceCacheKey
 loaderRef
java/util/ResourceBundle$ResourceCacheKey searchName
java/util/ResourceBundle$ResourceCacheKey defaultLocale
java/util/ResourceBundle$ResourceCacheKey hashCodeCache
java/util/ResourceBundle$ResourceCacheKey <init>()V
java/util/ResourceBundle$ResourceCacheKey equals(Ljava/lang/Object;)Z
java/util/ResourceBundle$ResourceCacheKey hashCode()I
java/util/ResourceBundle$ResourceCacheKey clone()Ljava/lang/Object;
java/util/ResourceBundle$ResourceCacheKey
setKeyValues(Ljava/lang/ClassLoader;Ljava/lang/String;Ljava/util/Locale;)V
java/util/ResourceBundle$ResourceCacheKey clear()V
java/util/ResourceBundle$ResourceCacheKey <init>(Ljava/util/ResourceBundle$1;)V
class java/util/ResourceBundle java/lang/Object
java/util/ResourceBundle cacheKey
java/util/ResourceBundle INITIAL_CACHE_SIZE
java/util/ResourceBundle CACHE_LOAD_FACTOR
java/util/ResourceBundle MAX_BUNDLES_SEARCHED
java/util/ResourceBundle underConstruction
java/util/ResourceBundle NOT_FOUND
java/util/ResourceBundle
 cacheList
java/util/ResourceBundle referenceQueue
java/util/ResourceBundle parent
java/util/ResourceBundle locale
java/util/ResourceBundle <init>()V
java/util/ResourceBundle getString(Ljava/lang/String;)Ljava/lang/String;
java/util/ResourceBundle getStringArray(Ljava/lang/String;)[Ljava/lang/String;
java/util/ResourceBundle getObject(Ljava/lang/String;)Ljava/lang/Object;
java/util/ResourceBundle getLocale()Ljava/util/Locale;
java/util/ResourceBundle setLocale(Ljava/lang/String;Ljava/lang/String;)V
java/util/ResourceBundle getLoader()Ljava/lang/ClassLoader;
java/util/ResourceBundle getClassContext()[Ljava/lang/Class;

java/util/ResourceBundle setParent(Ljava/util/ResourceBundle;)V
java/util/ResourceBundle getBundle(Ljava/lang/String;)Ljava/util/ResourceBundle;
java/util/ResourceBundle getBundle(Ljava/lang/String;Ljava/util/Locale;)Ljava/util/ResourceBundle;
java/util/ResourceBundle
getBundle(Ljava/lang/String;Ljava/util/Locale;Ljava/lang/ClassLoader;)Ljava/util/ResourceBundle;
java/util/ResourceBundle
getBundleImpl(Ljava/lang/String;Ljava/util/Locale;Ljava/lang/ClassLoader;)Ljava/util/ResourceBundle;
java/util/ResourceBundle
propagate(Ljava/lang/ClassLoader;Ljava/util/Vector;Ljava/util/Vector;Ljava/util/Locale;Ljava/lang/Object;)Ljava/lang/Object;
java/util/ResourceBundle throwMissingResourceException(Ljava/lang/String;Ljava/util/Locale;)V
java/util/ResourceBundle cleanUpConstructionList()V
java/util/ResourceBundle
findBundle(Ljava/lang/ClassLoader;Ljava/lang/String;Ljava/util/Locale;Ljava/lang/String;Ljava/lang/Object;)Ljava/lang/Object;
java/util/ResourceBundle calculateBundleNames(Ljava/lang/String;Ljava/util/Locale;)Ljava/util/Vector;
java/util/ResourceBundle
findBundleInCache(Ljava/lang/ClassLoader;Ljava/lang/String;Ljava/util/Locale;)Ljava/lang/Object;
java/util/ResourceBundle
putBundleInCache(Ljava/lang/ClassLoader;Ljava/lang/String;Ljava/util/Locale;Ljava/lang/Object;)V
java/util/ResourceBundle
loadBundle(Ljava/lang/ClassLoader;Ljava/lang/String;Ljava/util/Locale;)Ljava/lang/Object;
java/util/ResourceBundle
handleGetObject(Ljava/lang/String;)Ljava/lang/Object;
java/util/ResourceBundle getKeys()Ljava/util/Enumeration;
java/util/ResourceBundle access$100()Ljava/lang/ref/ReferenceQueue;
java/util/ResourceBundle <clinit>()V
class java/awt/Toolkit$3 java/lang/Object
java/awt/Toolkit$3 <init>()V
java/awt/Toolkit$3 run()Ljava/lang/Object;
class java/awt/Toolkit java/lang/Object
java/awt/Toolkit lightweightMarker
java/awt/Toolkit toolkit
java/awt/Toolkit atNames
java/awt/Toolkit resources
java/awt/Toolkit loaded
java/awt/Toolkit desktopProperties
java/awt/Toolkit desktopPropsSupport
java/awt/Toolkit dbg
java/awt/Toolkit LONG_BITS
java/awt/Toolkit calls
java/awt/Toolkit enabledOnToolkitMask
java/awt/Toolkit eventListener
java/awt/Toolkit listener2SelectiveListener
java/awt/Toolkit $assertionsDisabled
java/awt/Toolkit <init>()V
java/awt/Toolkit createButton(Ljava/awt/Button;)Ljava/awt/peer/ButtonPeer;
java/awt/Toolkit createTextField(Ljava/awt/TextField;)Ljava/awt/peer/TextFieldPeer;

java/awt/Toolkit
createLabel(Ljava/awt/Label;)Ljava/awt/peer/LabelPeer;
java/awt/Toolkit createList(Ljava/awt/List;)Ljava/awt/peer/ListPeer;
java/awt/Toolkit createCheckbox(Ljava/awt/Checkbox;)Ljava/awt/peer/CheckboxPeer;
java/awt/Toolkit createScrollbar(Ljava/awt/Scrollbar;)Ljava/awt/peer/ScrollbarPeer;
java/awt/Toolkit createScrollPane(Ljava/awt/ScrollPane;)Ljava/awt/peer/ScrollPanePeer;
java/awt/Toolkit createTextArea(Ljava/awt/TextArea;)Ljava/awt/peer/TextAreaPeer;
java/awt/Toolkit createChoice(Ljava/awt/Choice;)Ljava/awt/peer/ChoicePeer;
java/awt/Toolkit createFrame(Ljava/awt/Frame;)Ljava/awt/peer/FramePeer;
java/awt/Toolkit createCanvas(Ljava/awt/Canvas;)Ljava/awt/peer/CanvasPeer;
java/awt/Toolkit createPanel(Ljava/awt/Panel;)Ljava/awt/peer/PanelPeer;
java/awt/Toolkit createWindow(Ljava/awt/Window;)Ljava/awt/peer/WindowPeer;
java/awt/Toolkit createDialog(Ljava/awt/Dialog;)Ljava/awt/peer/DialogPeer;
java/awt/Toolkit createMenuBar(Ljava/awt/MenuBar;)Ljava/awt/peer/MenuBarPeer;
java/awt/Toolkit
createMenu(Ljava/awt/Menu;)Ljava/awt/peer/MenuPeer;
java/awt/Toolkit createPopupMenu(Ljava/awt/PopupMenu;)Ljava/awt/peer/PopupMenuPeer;
java/awt/Toolkit createMenuItem(Ljava/awt/MenuItem;)Ljava/awt/peer/MenuItemPeer;
java/awt/Toolkit createFileDialog(Ljava/awt/FileDialog;)Ljava/awt/peer/FileDialogPeer;
java/awt/Toolkit
createCheckboxMenuItem(Ljava/awt/CheckboxMenuItem;)Ljava/awt/peer/CheckboxMenuItemPeer;
java/awt/Toolkit getMouseInfoPeer()Ljava/awt/peer/MouseInfoPeer;
java/awt/Toolkit createComponent(Ljava/awt/Component;)Ljava/awt/peer/LightweightPeer;
java/awt/Toolkit getFontPeer(Ljava/lang/String;I)Ljava/awt/peer/FontPeer;
java/awt/Toolkit loadSystemColors([I)V
java/awt/Toolkit setDynamicLayout(Z)V
java/awt/Toolkit isDynamicLayoutSet()Z
java/awt/Toolkit isDynamicLayoutActive()Z
java/awt/Toolkit getScreenSize()Ljava/awt/Dimension;
java/awt/Toolkit getScreenResolution()I
java/awt/Toolkit getScreenInsets(Ljava/awt/GraphicsConfiguration;)Ljava/awt/Insets;
java/awt/Toolkit
getColorModel()Ljava/awt/image/ColorModel;
java/awt/Toolkit getFontList()[Ljava/lang/String;
java/awt/Toolkit getFontMetrics(Ljava/awt/Font;)Ljava/awt/FontMetrics;
java/awt/Toolkit sync()V
java/awt/Toolkit initAssistiveTechnologies()V
java/awt/Toolkit loadAssistiveTechnologies()V
java/awt/Toolkit getDefaultToolkit()Ljava/awt/Toolkit;
java/awt/Toolkit getImage(Ljava/lang/String;)Ljava/awt/Image;
java/awt/Toolkit getImage(Ljava/net/URL;)Ljava/awt/Image;
java/awt/Toolkit createImage(Ljava/lang/String;)Ljava/awt/Image;
java/awt/Toolkit createImage(Ljava/net/URL;)Ljava/awt/Image;
java/awt/Toolkit prepareImage(Ljava/awt/Image;IILjava/awt/image/ImageObserver;)Z
java/awt/Toolkit checkImage(Ljava/awt/Image;IILjava/awt/image/ImageObserver;)I
java/awt/Toolkit createImage(Ljava/awt/image/ImageProducer;)Ljava/awt/Image;
java/awt/Toolkit createImage([B)Ljava/awt/Image;
java/awt/Toolkit createImage([BII)Ljava/awt/Image;

java/awt/Toolkit getPrintJob(Ljava/awt/Frame;Ljava/lang/String;Ljava/util/Properties;)Ljava/awt/PrintJob;
java/awt/Toolkit
getPrintJob(Ljava/awt/Frame;Ljava/lang/String;Ljava/awt/JobAttributes;Ljava/awt/PageAttributes;)Ljava/awt/PrintJob;
java/awt/Toolkit beep()V
java/awt/Toolkit getSystemClipboard()Ljava/awt/datatransfer/Clipboard;
java/awt/Toolkit getSystemSelection()Ljava/awt/datatransfer/Clipboard;
java/awt/Toolkit getMenuShortcutKeyMask()I
java/awt/Toolkit getLockingKeyState(I)Z
java/awt/Toolkit setLockingKeyState(IZ)V
java/awt/Toolkit getNativeContainer(Ljava/awt/Component;)Ljava/awt/Container;
java/awt/Toolkit createCustomCursor(Ljava/awt/Image;Ljava/awt/Point;Ljava/lang/String;)Ljava/awt/Cursor;
java/awt/Toolkit getBestCursorSize(II)Ljava/awt/Dimension;
java/awt/Toolkit getMaximumCursorColors()I
java/awt/Toolkit isFrameStateSupported(I)Z
java/awt/Toolkit initIDs()V
java/awt/Toolkit loadLibraries()V
java/awt/Toolkit getProperty(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/awt/Toolkit getSystemEventQueue()Ljava/awt/EventQueue;
java/awt/Toolkit
getSystemEventQueueImpl()Ljava/awt/EventQueue;
java/awt/Toolkit getEventQueue()Ljava/awt/EventQueue;
java/awt/Toolkit
createDragSourceContextPeer(Ljava/awt/dnd/DragGestureEvent;)Ljava/awt/dnd/peer/DragSourceContextPeer;
java/awt/Toolkit
createDragGestureRecognizer(Ljava/lang/Class;Ljava/awt/dnd/DragSource;Ljava/awt/Component;ILjava/awt/dnd/DragGestureListener;)Ljava/awt/dnd/DragGestureRecognizer;
java/awt/Toolkit getDesktopProperty(Ljava/lang/String;)Ljava/lang/Object;
java/awt/Toolkit setDesktopProperty(Ljava/lang/String;Ljava/lang/Object;)V
java/awt/Toolkit lazilyLoadDesktopProperty(Ljava/lang/String;)Ljava/lang/Object;
java/awt/Toolkit initializeDesktopProperties()V
java/awt/Toolkit addPropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/awt/Toolkit removePropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/awt/Toolkit getPropertyChangeListeners()[Ljava/beans/PropertyChangeListener;
java/awt/Toolkit
getPropertyChangeListeners(Ljava/lang/String;)[Ljava/beans/PropertyChangeListener;
java/awt/Toolkit
deProxyAWTEventListener(Ljava/awt/event/AWTEventListener;)Ljava/awt/event/AWTEventListener;
java/awt/Toolkit addAWTEventListener(Ljava/awt/event/AWTEventListener;J)V
java/awt/Toolkit removeAWTEventListener(Ljava/awt/event/AWTEventListener;)V
java/awt/Toolkit enabledOnToolkit(J)Z
java/awt/Toolkit countAWTEventListeners(J)I
java/awt/Toolkit getAWTEventListeners()[Ljava/awt/event/AWTEventListener;
java/awt/Toolkit getAWTEventListeners(J)[Ljava/awt/event/AWTEventListener;
java/awt/Toolkit notifyAWTEventListeners(Ljava/awt/AWTEvent;)V
java/awt/Toolkit mapInputMethodHighlight(Ljava/awt/im/InputMethodHighlight;)Ljava/util/Map;
java/awt/Toolkit access$002(Ljava/awt/Toolkit;)Ljava/awt/Toolkit;
java/awt/Toolkit access$000()Ljava/awt/Toolkit;

java/awt/Toolkit access$102(Ljava/util/ResourceBundle;)Ljava/util/ResourceBundle;
java/awt/Toolkit <clinit>()V
class java/awt/Component$AWTTreeLock
 java/lang/Object
java/awt/Component$AWTTreeLock <init>()V
class java/beans/PropertyChangeEvent java/util/EventObject
java/beans/PropertyChangeEvent propertyName
java/beans/PropertyChangeEvent newValue
java/beans/PropertyChangeEvent oldValue
java/beans/PropertyChangeEvent propagationId
java/beans/PropertyChangeEvent
<init>(Ljava/lang/Object;Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/PropertyChangeEvent getPropertyName()Ljava/lang/String;
java/beans/PropertyChangeEvent getNewValue()Ljava/lang/Object;
java/beans/PropertyChangeEvent getOldValue()Ljava/lang/Object;
java/beans/PropertyChangeEvent setPropagationId(Ljava/lang/Object;)V
java/beans/PropertyChangeEvent getPropagationId()Ljava/lang/Object;
class java/util/EventObject java/lang/Object
java/util/EventObject serialVersionUID
java/util/EventObject source
java/util/EventObject <init>(Ljava/lang/Object;)V
java/util/EventObject getSource()Ljava/lang/Object;
java/util/EventObject toString()Ljava/lang/String;
class
 java/util/Hashtable$Enumerator java/lang/Object
java/util/Hashtable$Enumerator table
java/util/Hashtable$Enumerator index
java/util/Hashtable$Enumerator entry
java/util/Hashtable$Enumerator lastReturned
java/util/Hashtable$Enumerator type
java/util/Hashtable$Enumerator iterator
java/util/Hashtable$Enumerator expectedModCount
java/util/Hashtable$Enumerator this$0
java/util/Hashtable$Enumerator <init>(Ljava/util/Hashtable;IZ)V
java/util/Hashtable$Enumerator hasMoreElements()Z
java/util/Hashtable$Enumerator nextElement()Ljava/lang/Object;
java/util/Hashtable$Enumerator hasNext()Z
java/util/Hashtable$Enumerator next()Ljava/lang/Object;
java/util/Hashtable$Enumerator remove()V
class java/util/Properties$LineReader java/lang/Object
java/util/Properties$LineReader inBuf
java/util/Properties$LineReader lineBuf
java/util/Properties$LineReader inLimit
java/util/Properties$LineReader inOff
java/util/Properties$LineReader inStream
java/util/Properties$LineReader this$0
java/util/Properties$LineReader

<init>(Ljava/util/Properties;Ljava/io/InputStream;)V
java/util/Properties$LineReader readLine()I
class java/util/logging/LogManager$2 java/lang/Object
java/util/logging/LogManager$2 this$0
java/util/logging/LogManager$2 <init>(Ljava/util/logging/LogManager;)V
java/util/logging/LogManager$2 run()Ljava/lang/Object;
class java/util/logging/LogManager$RootLogger java/util/logging/Logger
java/util/logging/LogManager$RootLogger this$0
java/util/logging/LogManager$RootLogger <init>(Ljava/util/logging/LogManager;)V
java/util/logging/LogManager$RootLogger log(Ljava/util/logging/LogRecord;)V
java/util/logging/LogManager$RootLogger addHandler(Ljava/util/logging/Handler;)V
java/util/logging/LogManager$RootLogger removeHandler(Ljava/util/logging/Handler;)V
java/util/logging/LogManager$RootLogger getHandlers()[Ljava/util/logging/Handler;
java/util/logging/LogManager$RootLogger
<init>(Ljava/util/logging/LogManager;Ljava/util/logging/LogManager$1;)V
class java/lang/Shutdown$WrappedHook
java/lang/Object
java/lang/Shutdown$WrappedHook hook
java/lang/Shutdown$WrappedHook <init>(Ljava/lang/Thread;)V
java/lang/Shutdown$WrappedHook hashCode()I
java/lang/Shutdown$WrappedHook equals(Ljava/lang/Object;)Z
java/lang/Shutdown$WrappedHook access$100(Ljava/lang/Shutdown$WrappedHook;)Ljava/lang/Thread;
class java/util/logging/LogManager$Cleaner java/lang/Thread
java/util/logging/LogManager$Cleaner this$0
java/util/logging/LogManager$Cleaner <init>(Ljava/util/logging/LogManager;)V
java/util/logging/LogManager$Cleaner run()V
java/util/logging/LogManager$Cleaner <init>(Ljava/util/logging/LogManager;Ljava/util/logging/LogManager$1;)V
class java/util/logging/LoggingPermission java/security/BasicPermission
java/util/logging/LoggingPermission serialVersionUID
java/util/logging/LoggingPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/util/logging/LogManager$LogNode java/lang/Object
java/util/logging/LogManager$LogNode children
java/util/logging/LogManager$LogNode logger
java/util/logging/LogManager$LogNode
parent
java/util/logging/LogManager$LogNode <init>(Ljava/util/logging/LogManager$LogNode;)V
java/util/logging/LogManager$LogNode walkAndSetParent(Ljava/util/logging/Logger;)V
class java/beans/PropertyChangeSupport java/lang/Object
java/beans/PropertyChangeSupport listeners
java/beans/PropertyChangeSupport children
java/beans/PropertyChangeSupport source
java/beans/PropertyChangeSupport propertyChangeSupportSerializedDataVersion
java/beans/PropertyChangeSupport serialVersionUID
java/beans/PropertyChangeSupport <init>(Ljava/lang/Object;)V
java/beans/PropertyChangeSupport addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/beans/PropertyChangeSupport removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/beans/PropertyChangeSupport getPropertyChangeListeners()[Ljava/beans/PropertyChangeListener;
java/beans/PropertyChangeSupport

addPropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/beans/PropertyChangeSupport
removePropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/beans/PropertyChangeSupport
getPropertyChangeListeners(Ljava/lang/String;)[Ljava/beans/PropertyChangeListener;
java/beans/PropertyChangeSupport firePropertyChange(Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;)V
java/beans/PropertyChangeSupport firePropertyChange(Ljava/lang/String;II)V
java/beans/PropertyChangeSupport firePropertyChange(Ljava/lang/String;ZZ)V
java/beans/PropertyChangeSupport firePropertyChange(Ljava/beans/PropertyChangeEvent;)V
java/beans/PropertyChangeSupport
fireIndexedPropertyChange(Ljava/lang/String;ILjava/lang/Object;Ljava/lang/Object;)V
java/beans/PropertyChangeSupport fireIndexedPropertyChange(Ljava/lang/String;III)V
java/beans/PropertyChangeSupport fireIndexedPropertyChange(Ljava/lang/String;IZZ)V
java/beans/PropertyChangeSupport hasListeners(Ljava/lang/String;)Z
java/beans/PropertyChangeSupport writeObject(Ljava/io/ObjectOutputStream;)V
java/beans/PropertyChangeSupport
readObject(Ljava/io/ObjectInputStream;)V
class java/util/logging/LogManager$1 java/lang/Object
java/util/logging/LogManager$1 <init>()V
java/util/logging/LogManager$1 run()Ljava/lang/Object;
class java/util/logging/LogManager java/lang/Object
java/util/logging/LogManager manager
java/util/logging/LogManager emptyHandlers
java/util/logging/LogManager props
java/util/logging/LogManager changes
java/util/logging/LogManager defaultLevel
java/util/logging/LogManager loggers
java/util/logging/LogManager root
java/util/logging/LogManager rootLogger
java/util/logging/LogManager readPrimordialConfiguration
java/util/logging/LogManager initializedGlobalHandlers
java/util/logging/LogManager deathImminent
java/util/logging/LogManager ourPermission
java/util/logging/LogManager loggingMXBean
java/util/logging/LogManager LOGGING_MXBEAN_NAME
java/util/logging/LogManager <init>()V
java/util/logging/LogManager getLogManager()Ljava/util/logging/LogManager;
java/util/logging/LogManager
readPrimordialConfiguration()V
java/util/logging/LogManager addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/util/logging/LogManager removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/util/logging/LogManager addLogger(Ljava/util/logging/Logger;)Z
java/util/logging/LogManager doSetLevel(Ljava/util/logging/Logger;Ljava/util/logging/Level;)V
java/util/logging/LogManager doSetParent(Ljava/util/logging/Logger;Ljava/util/logging/Logger;)V
java/util/logging/LogManager findNode(Ljava/lang/String;)Ljava/util/logging/LogManager$LogNode;
java/util/logging/LogManager getLogger(Ljava/lang/String;)Ljava/util/logging/Logger;
java/util/logging/LogManager getLoggerNames()Ljava/util/Enumeration;
java/util/logging/LogManager readConfiguration()V

java/util/logging/LogManager reset()V
java/util/logging/LogManager resetLogger(Ljava/lang/String;)V
java/util/logging/LogManager parseClassNames(Ljava/lang/String;)[Ljava/lang/String;
java/util/logging/LogManager
readConfiguration(Ljava/io/InputStream;)V
java/util/logging/LogManager getProperty(Ljava/lang/String;)Ljava/lang/String;
java/util/logging/LogManager getStringProperty(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/util/logging/LogManager getIntProperty(Ljava/lang/String;I)I
java/util/logging/LogManager getBooleanProperty(Ljava/lang/String;Z)Z
java/util/logging/LogManager
getLevelProperty(Ljava/lang/String;Ljava/util/logging/Level;)Ljava/util/logging/Level;
java/util/logging/LogManager
getFilterProperty(Ljava/lang/String;Ljava/util/logging/Filter;)Ljava/util/logging/Filter;
java/util/logging/LogManager
getFormatterProperty(Ljava/lang/String;Ljava/util/logging/Formatter;)Ljava/util/logging/Formatter;
java/util/logging/LogManager initializeGlobalHandlers()V
java/util/logging/LogManager checkAccess()V
java/util/logging/LogManager setLevelsOnExistingLoggers()V
java/util/logging/LogManager getLoggingMXBean()Ljava/util/logging/LoggingMXBean;
java/util/logging/LogManager access$002(Ljava/util/logging/LogManager;)Ljava/util/logging/LogManager;
java/util/logging/LogManager
access$000()Ljava/util/logging/LogManager;
java/util/logging/LogManager
access$102(Ljava/util/logging/LogManager;Ljava/util/logging/Logger;)Ljava/util/logging/Logger;
java/util/logging/LogManager access$100(Ljava/util/logging/LogManager;)Ljava/util/logging/Logger;
java/util/logging/LogManager access$302(Ljava/util/logging/LogManager;Z)Z
java/util/logging/LogManager access$402(Ljava/util/logging/LogManager;Z)Z
java/util/logging/LogManager access$600(Ljava/util/logging/LogManager;Ljava/lang/String;)[Ljava/lang/String;
java/util/logging/LogManager access$700(Ljava/util/logging/Logger;Ljava/util/logging/Logger;)V
java/util/logging/LogManager access$800()Ljava/util/logging/Level;
java/util/logging/LogManager access$900(Ljava/util/logging/LogManager;)V
java/util/logging/LogManager <clinit>()V
class java/util/logging/Level java/lang/Object
java/util/logging/Level known
java/util/logging/Level
defaultBundle
java/util/logging/Level name
java/util/logging/Level value
java/util/logging/Level resourceBundleName
java/util/logging/Level OFF
java/util/logging/Level SEVERE
java/util/logging/Level WARNING
java/util/logging/Level INFO
java/util/logging/Level CONFIG
java/util/logging/Level FINE
java/util/logging/Level FINER
java/util/logging/Level FINEST
java/util/logging/Level ALL

java/util/logging/Level serialVersionUID
java/util/logging/Level <init>(Ljava/lang/String;I)V
java/util/logging/Level <init>(Ljava/lang/String;ILjava/lang/String;)V
java/util/logging/Level getResourceBundleName()Ljava/lang/String;
java/util/logging/Level getName()Ljava/lang/String;
java/util/logging/Level getLocalizedName()Ljava/lang/String;
java/util/logging/Level toString()Ljava/lang/String;
java/util/logging/Level intValue()I
java/util/logging/Level readResolve()Ljava/lang/Object;
java/util/logging/Level parse(Ljava/lang/String;)Ljava/util/logging/Level;
java/util/logging/Level equals(Ljava/lang/Object;)Z
java/util/logging/Level
hashCode()I
java/util/logging/Level <clinit>()V
class java/util/logging/Handler java/lang/Object
java/util/logging/Handler offValue
java/util/logging/Handler manager
java/util/logging/Handler filter
java/util/logging/Handler formatter
java/util/logging/Handler logLevel
java/util/logging/Handler errorManager
java/util/logging/Handler encoding
java/util/logging/Handler sealed
java/util/logging/Handler <init>()V
java/util/logging/Handler publish(Ljava/util/logging/LogRecord;)V
java/util/logging/Handler flush()V
java/util/logging/Handler close()V
java/util/logging/Handler setFormatter(Ljava/util/logging/Formatter;)V
java/util/logging/Handler getFormatter()Ljava/util/logging/Formatter;
java/util/logging/Handler setEncoding(Ljava/lang/String;)V
java/util/logging/Handler getEncoding()Ljava/lang/String;
java/util/logging/Handler setFilter(Ljava/util/logging/Filter;)V
java/util/logging/Handler getFilter()Ljava/util/logging/Filter;
java/util/logging/Handler setErrorManager(Ljava/util/logging/ErrorManager;)V
java/util/logging/Handler
getErrorManager()Ljava/util/logging/ErrorManager;
java/util/logging/Handler reportError(Ljava/lang/String;Ljava/lang/Exception;I)V
java/util/logging/Handler setLevel(Ljava/util/logging/Level;)V
java/util/logging/Handler getLevel()Ljava/util/logging/Level;
java/util/logging/Handler isLoggable(Ljava/util/logging/LogRecord;)Z
java/util/logging/Handler checkAccess()V
java/util/logging/Handler <clinit>()V
class java/util/logging/Logger java/lang/Object
java/util/logging/Logger emptyHandlers
java/util/logging/Logger offValue
java/util/logging/Logger manager
java/util/logging/Logger name
java/util/logging/Logger handlers

java/util/logging/Logger resourceBundleName
java/util/logging/Logger useParentHandlers
java/util/logging/Logger filter
java/util/logging/Logger anonymous
java/util/logging/Logger catalog
java/util/logging/Logger catalogName
java/util/logging/Logger catalogLocale
java/util/logging/Logger treeLock
java/util/logging/Logger
parent
java/util/logging/Logger kids
java/util/logging/Logger levelObject
java/util/logging/Logger levelValue
java/util/logging/Logger global
java/util/logging/Logger <init>(Ljava/lang/String;Ljava/lang/String;)V
java/util/logging/Logger <init>(Ljava/lang/String;)V
java/util/logging/Logger setLogManager(Ljava/util/logging/LogManager;)V
java/util/logging/Logger checkAccess()V
java/util/logging/Logger getLogger(Ljava/lang/String;)Ljava/util/logging/Logger;
java/util/logging/Logger getLogger(Ljava/lang/String;Ljava/lang/String;)Ljava/util/logging/Logger;
java/util/logging/Logger getAnonymousLogger()Ljava/util/logging/Logger;
java/util/logging/Logger getAnonymousLogger(Ljava/lang/String;)Ljava/util/logging/Logger;
java/util/logging/Logger getResourceBundle()Ljava/util/ResourceBundle;
java/util/logging/Logger getResourceBundleName()Ljava/lang/String;
java/util/logging/Logger setFilter(Ljava/util/logging/Filter;)V
java/util/logging/Logger getFilter()Ljava/util/logging/Filter;
java/util/logging/Logger
log(Ljava/util/logging/LogRecord;)V
java/util/logging/Logger doLog(Ljava/util/logging/LogRecord;)V
java/util/logging/Logger log(Ljava/util/logging/Level;Ljava/lang/String;)V
java/util/logging/Logger log(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/Object;)V
java/util/logging/Logger log(Ljava/util/logging/Level;Ljava/lang/String;[Ljava/lang/Object;)V
java/util/logging/Logger log(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/Throwable;)V
java/util/logging/Logger logp(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/util/logging/Logger
logp(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/Object;)V
java/util/logging/Logger
logp(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;[Ljava/lang/Object;)V
java/util/logging/Logger
logp(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/Throwable;)V
java/util/logging/Logger
doLog(Ljava/util/logging/LogRecord;Ljava/lang/String;)V
java/util/logging/Logger
logrb(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/util/logging/Logger
logrb(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/
Object;)V
java/util/logging/Logger

logrb(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;[Ljava/lang/Object;)V
java/util/logging/Logger
logrb(Ljava/util/logging/Level;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/Throwable;)V
java/util/logging/Logger entering(Ljava/lang/String;Ljava/lang/String;)V
java/util/logging/Logger entering(Ljava/lang/String;Ljava/lang/String;Ljava/lang/Object;)V
java/util/logging/Logger entering(Ljava/lang/String;Ljava/lang/String;[Ljava/lang/Object;)V
java/util/logging/Logger exiting(Ljava/lang/String;Ljava/lang/String;)V
java/util/logging/Logger exiting(Ljava/lang/String;Ljava/lang/String;Ljava/lang/Object;)V
java/util/logging/Logger
throwing(Ljava/lang/String;Ljava/lang/String;Ljava/lang/Throwable;)V
java/util/logging/Logger severe(Ljava/lang/String;)V
java/util/logging/Logger warning(Ljava/lang/String;)V
java/util/logging/Logger info(Ljava/lang/String;)V
java/util/logging/Logger config(Ljava/lang/String;)V
java/util/logging/Logger fine(Ljava/lang/String;)V
java/util/logging/Logger finer(Ljava/lang/String;)V
java/util/logging/Logger finest(Ljava/lang/String;)V
java/util/logging/Logger setLevel(Ljava/util/logging/Level;)V
java/util/logging/Logger getLevel()Ljava/util/logging/Level;
java/util/logging/Logger isLoggable(Ljava/util/logging/Level;)Z
java/util/logging/Logger getName()Ljava/lang/String;
java/util/logging/Logger addHandler(Ljava/util/logging/Handler;)V
java/util/logging/Logger removeHandler(Ljava/util/logging/Handler;)V
java/util/logging/Logger getHandlers()[Ljava/util/logging/Handler;
java/util/logging/Logger setUseParentHandlers(Z)V
java/util/logging/Logger
getUseParentHandlers()Z
java/util/logging/Logger findResourceBundle(Ljava/lang/String;)Ljava/util/ResourceBundle;
java/util/logging/Logger setupResourceInfo(Ljava/lang/String;)V
java/util/logging/Logger getParent()Ljava/util/logging/Logger;
java/util/logging/Logger setParent(Ljava/util/logging/Logger;)V
java/util/logging/Logger doSetParent(Ljava/util/logging/Logger;)V
java/util/logging/Logger updateEffectiveLevel()V
java/util/logging/Logger getEffectiveResourceBundleName()Ljava/lang/String;
java/util/logging/Logger <clinit>()V
class java/awt/Label java/awt/Component
java/awt/Label LEFT
java/awt/Label CENTER
java/awt/Label RIGHT
java/awt/Label text
java/awt/Label alignment
java/awt/Label base
java/awt/Label nameCounter
java/awt/Label serialVersionUID
java/awt/Label <init>()V
java/awt/Label <init>(Ljava/lang/String;)V

java/awt/Label <init>(Ljava/lang/String;I)V
java/awt/Label readObject(Ljava/io/ObjectInputStream;)V
java/awt/Label constructComponentName()Ljava/lang/String;
java/awt/Label
addNotify()V
java/awt/Label getAlignment()I
java/awt/Label setAlignment(I)V
java/awt/Label getText()Ljava/lang/String;
java/awt/Label setText(Ljava/lang/String;)V
java/awt/Label paramString()Ljava/lang/String;
java/awt/Label initIDs()V
java/awt/Label getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Label <clinit>()V
class java/lang/InterruptedException java/lang/Exception
java/lang/InterruptedException <init>()V
java/lang/InterruptedException <init>(Ljava/lang/String;)V
class java/awt/Frame java/awt/Window
java/awt/Frame DEFAULT_CURSOR
java/awt/Frame CROSSHAIR_CURSOR
java/awt/Frame TEXT_CURSOR
java/awt/Frame WAIT_CURSOR
java/awt/Frame SW_RESIZE_CURSOR
java/awt/Frame SE_RESIZE_CURSOR
java/awt/Frame NW_RESIZE_CURSOR
java/awt/Frame NE_RESIZE_CURSOR
java/awt/Frame N_RESIZE_CURSOR
java/awt/Frame S_RESIZE_CURSOR
java/awt/Frame W_RESIZE_CURSOR
java/awt/Frame E_RESIZE_CURSOR
java/awt/Frame HAND_CURSOR
java/awt/Frame MOVE_CURSOR
java/awt/Frame
NORMAL
java/awt/Frame ICONIFIED
java/awt/Frame MAXIMIZED_HORIZ
java/awt/Frame MAXIMIZED_VERT
java/awt/Frame MAXIMIZED_BOTH
java/awt/Frame maximizedBounds
java/awt/Frame title
java/awt/Frame icon
java/awt/Frame menuBar
java/awt/Frame resizable
java/awt/Frame undecorated
java/awt/Frame mbManagement
java/awt/Frame state
java/awt/Frame ownedWindows
java/awt/Frame weakThis
java/awt/Frame base

java/awt/Frame nameCounter
java/awt/Frame serialVersionUID
java/awt/Frame frameSerializedDataVersion
java/awt/Frame <init>()V
java/awt/Frame <init>(Ljava/awt/GraphicsConfiguration;)V
java/awt/Frame <init>(Ljava/lang/String;)V
java/awt/Frame <init>(Ljava/lang/String;Ljava/awt/GraphicsConfiguration;)V
java/awt/Frame init(Ljava/lang/String;Ljava/awt/GraphicsConfiguration;)V
java/awt/Frame finalize()V
java/awt/Frame constructComponentName()Ljava/lang/String;
java/awt/Frame addNotify()V
java/awt/Frame getTitle()Ljava/lang/String;
java/awt/Frame setTitle(Ljava/lang/String;)V
java/awt/Frame getIconImage()Ljava/awt/Image;
java/awt/Frame
setIconImage(Ljava/awt/Image;)V
java/awt/Frame getMenuBar()Ljava/awt/MenuBar;
java/awt/Frame setMenuBar(Ljava/awt/MenuBar;)V
java/awt/Frame isResizable()Z
java/awt/Frame setResizable(Z)V
java/awt/Frame setState(I)V
java/awt/Frame setExtendedState(I)V
java/awt/Frame isFrameStateSupported(I)Z
java/awt/Frame getState()I
java/awt/Frame getExtendedState()I
java/awt/Frame setMaximizedBounds(Ljava/awt/Rectangle;)V
java/awt/Frame getMaximizedBounds()Ljava/awt/Rectangle;
java/awt/Frame setUndecorated(Z)V
java/awt/Frame isUndecorated()Z
java/awt/Frame remove(Ljava/awt/MenuComponent;)V
java/awt/Frame removeNotify()V
java/awt/Frame postProcessKeyEvent(Ljava/awt/event/KeyEvent;)V
java/awt/Frame paramString()Ljava/lang/String;
java/awt/Frame setCursor(I)V
java/awt/Frame getCursorType()I
java/awt/Frame getFrames()[Ljava/awt/Frame;
java/awt/Frame addToFrameList()V
java/awt/Frame removeFromFrameList()V
java/awt/Frame writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Frame
readObject(Ljava/io/ObjectInputStream;)V
java/awt/Frame initIDs()V
java/awt/Frame getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Frame <clinit>()V
class java/awt/Window java/awt/Container
java/awt/Window warningString
java/awt/Window temporaryLostComponent
java/awt/Window systemSyncLWRequests

java/awt/Window syncLWRequests
java/awt/Window beforeFirstShow
java/awt/Window OPENED
java/awt/Window state
java/awt/Window alwaysOnTop
java/awt/Window ownedWindowList
java/awt/Window weakThis
java/awt/Window showWithParent
java/awt/Window windowListener
java/awt/Window windowStateListener
java/awt/Window windowFocusListener
java/awt/Window inputContext
java/awt/Window inputContextLock
java/awt/Window focusMgr
java/awt/Window focusableWindowState
java/awt/Window base
java/awt/Window nameCounter
java/awt/Window serialVersionUID
java/awt/Window dbg
java/awt/Window locationByPlatformProp
java/awt/Window modalExcluded
java/awt/Window windowSerializedDataVersion
java/awt/Window
locationByPlatform
java/awt/Window initIDs()V
java/awt/Window <init>(Ljava/awt/GraphicsConfiguration;)V
java/awt/Window init(Ljava/awt/GraphicsConfiguration;)V
java/awt/Window <init>()V
java/awt/Window <init>(Ljava/awt/Frame;)V
java/awt/Window <init>(Ljava/awt/Window;)V
java/awt/Window <init>(Ljava/awt/Window;Ljava/awt/GraphicsConfiguration;)V
java/awt/Window ownedInit(Ljava/awt/Window;)V
java/awt/Window finalize()V
java/awt/Window constructComponentName()Ljava/lang/String;
java/awt/Window addNotify()V
java/awt/Window pack()V
java/awt/Window setClientSize(II)V
java/awt/Window show()V
java/awt/Window updateChildFocusableWindowState(Ljava/awt/Window;)V
java/awt/Window postWindowEvent(I)V
java/awt/Window hide()V
java/awt/Window clearMostRecentFocusOwnerOnHide()V
java/awt/Window dispose()V
java/awt/Window disposeImpl()V
java/awt/Window doDispose()V
java/awt/Window adjustListeningChildrenOnParent(JI)V
java/awt/Window adjustDecendantsOnParent(I)V
java/awt/Window toFront()V

java/awt/Window
 toBack()V
java/awt/Window getToolkit()Ljava/awt/Toolkit;
java/awt/Window getWarningString()Ljava/lang/String;
java/awt/Window setWarningString()V
java/awt/Window getLocale()Ljava/util/Locale;
java/awt/Window getInputContext()Ljava/awt/im/InputContext;
java/awt/Window setCursor(Ljava/awt/Cursor;)V
java/awt/Window getOwner()Ljava/awt/Window;
java/awt/Window getOwnedWindows()[Ljava/awt/Window;
java/awt/Window addWindowListener(Ljava/awt/event/WindowListener;)V
java/awt/Window addWindowStateListener(Ljava/awt/event/WindowStateListener;)V
java/awt/Window addWindowFocusListener(Ljava/awt/event/WindowFocusListener;)V
java/awt/Window removeWindowListener(Ljava/awt/event/WindowListener;)V
java/awt/Window removeWindowStateListener(Ljava/awt/event/WindowStateListener;)V
java/awt/Window removeWindowFocusListener(Ljava/awt/event/WindowFocusListener;)V
java/awt/Window getWindowListeners()[Ljava/awt/event/WindowListener;
java/awt/Window getWindowFocusListeners()[Ljava/awt/event/WindowFocusListener;
java/awt/Window
 getWindowStateListeners()[Ljava/awt/event/WindowStateListener;
java/awt/Window getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/Window eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/Window processEvent(Ljava/awt/AWTEvent;)V
java/awt/Window processWindowEvent(Ljava/awt/event/WindowEvent;)V
java/awt/Window processWindowFocusEvent(Ljava/awt/event/WindowEvent;)V
java/awt/Window processWindowStateEvent(Ljava/awt/event/WindowEvent;)V
java/awt/Window preProcessKeyEvent(Ljava/awt/event/KeyEvent;)V
java/awt/Window postProcessKeyEvent(Ljava/awt/event/KeyEvent;)V
java/awt/Window setAlwaysOnTop(Z)V
java/awt/Window isAlwaysOnTop()Z
java/awt/Window getFocusOwner()Ljava/awt/Component;
java/awt/Window getMostRecentFocusOwner()Ljava/awt/Component;
java/awt/Window isActive()Z
java/awt/Window isFocused()Z
java/awt/Window getFocusTraversalKeys(I)Ljava/util/Set;
java/awt/Window setFocusCycleRoot(Z)V
java/awt/Window isFocusCycleRoot()Z
java/awt/Window getFocusCycleRootAncestor()Ljava/awt/Container;
java/awt/Window
 isFocusableWindow()Z
java/awt/Window getFocusableWindowState()Z
java/awt/Window setFocusableWindowState(Z)V
java/awt/Window addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/awt/Window addPropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/awt/Window dispatchEventImpl(Ljava/awt/AWTEvent;)V
java/awt/Window postEvent(Ljava/awt/Event;)Z
java/awt/Window isShowing()Z
java/awt/Window applyResourceBundle(Ljava/util/ResourceBundle;)V

java/awt/Window applyResourceBundle(Ljava/lang/String;)V
java/awt/Window addOwnedWindow(Ljava/lang/ref/WeakReference;)V
java/awt/Window removeOwnedWindow(Ljava/lang/ref/WeakReference;)V
java/awt/Window connectOwnedWindow(Ljava/awt/Window;)V
java/awt/Window writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Window readObject(Ljava/io/ObjectInputStream;)V
java/awt/Window getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Window getGraphicsConfiguration()Ljava/awt/GraphicsConfiguration;
java/awt/Window
resetGC()V
java/awt/Window setLocationRelativeTo(Ljava/awt/Component;)V
java/awt/Window deliverMouseWheelToAncestor(Ljava/awt/event/MouseWheelEvent;)V
java/awt/Window dispatchMouseWheelToAncestor(Ljava/awt/event/MouseWheelEvent;)Z
java/awt/Window createBufferStrategy(I)V
java/awt/Window createBufferStrategy(ILjava/awt/BufferCapabilities;)V
java/awt/Window getBufferStrategy()Ljava/awt/image/BufferStrategy;
java/awt/Window getTemporaryLostComponent()Ljava/awt/Component;
java/awt/Window setTemporaryLostComponent(Ljava/awt/Component;)Ljava/awt/Component;
java/awt/Window canContainFocusOwner(Ljava/awt/Component;)Z
java/awt/Window setLocationByPlatform(Z)V
java/awt/Window isLocationByPlatform()Z
java/awt/Window setBounds(IIII)V
java/awt/Window access$000(Ljava/awt/Window;)Ljava/lang/Object;
java/awt/Window <clinit>()V
class java/awt/Container java/awt/Component
java/awt/Container ncomponents
java/awt/Container component
java/awt/Container
layoutMgr
java/awt/Container dispatcher
java/awt/Container focusTraversalPolicy
java/awt/Container focusCycleRoot
java/awt/Container focusTraversalPolicyProvider
java/awt/Container printingThreads
java/awt/Container printing
java/awt/Container containerListener
java/awt/Container listeningChildren
java/awt/Container listeningBoundsChildren
java/awt/Container descendantsCount
java/awt/Container serialVersionUID
java/awt/Container dbg
java/awt/Container INCLUDE_SELF
java/awt/Container SEARCH_HEAVYWEIGHTS
java/awt/Container serialPersistentFields
java/awt/Container modalComp
java/awt/Container modalAppContext
java/awt/Container containerSerializedDataVersion
java/awt/Container $assertionsDisabled

java/awt/Container initIDs()V
java/awt/Container <init>()V
java/awt/Container initializeFocusTraversalKeys()V
java/awt/Container getComponentCount()I
java/awt/Container countComponents()I
java/awt/Container getComponent(I)Ljava/awt/Component;
java/awt/Container getComponents()[Ljava/awt/Component;
java/awt/Container
getComponents_NoClientCode()[Ljava/awt/Component;
java/awt/Container getInsets()Ljava/awt/Insets;
java/awt/Container insets()Ljava/awt/Insets;
java/awt/Container add(Ljava/awt/Component;)Ljava/awt/Component;
java/awt/Container add(Ljava/lang/String;Ljava/awt/Component;)Ljava/awt/Component;
java/awt/Container add(Ljava/awt/Component;I)Ljava/awt/Component;
java/awt/Container checkTreeLock()V
java/awt/Container checkAdding(Ljava/awt/Component;I)V
java/awt/Container removeDelicately(Ljava/awt/Component;Ljava/awt/Container;I)V
java/awt/Container canContainFocusOwner(Ljava/awt/Component;)Z
java/awt/Container hasHeavyweightChildren()Z
java/awt/Container getHeavyweightContainer()Ljava/awt/Container;
java/awt/Container isRemoveNotifyNeeded(Ljava/awt/Component;Ljava/awt/Container;Ljava/awt/Container;)Z
java/awt/Container setComponentZOrder(Ljava/awt/Component;I)V
java/awt/Container reparentTraverse(Ljava/awt/peer/ContainerPeer;Ljava/awt/Container;)V
java/awt/Container reparentChild(Ljava/awt/Component;)V
java/awt/Container
addDelicately(Ljava/awt/Component;Ljava/awt/Container;I)V
java/awt/Container getComponentZOrder(Ljava/awt/Component;)I
java/awt/Container add(Ljava/awt/Component;Ljava/lang/Object;)V
java/awt/Container add(Ljava/awt/Component;Ljava/lang/Object;I)V
java/awt/Container addImpl(Ljava/awt/Component;Ljava/lang/Object;I)V
java/awt/Container checkGD(Ljava/lang/String;)V
java/awt/Container remove(I)V
java/awt/Container remove(Ljava/awt/Component;)V
java/awt/Container removeAll()V
java/awt/Container numListening(J)I
java/awt/Container adjustListeningChildren(JI)V
java/awt/Container adjustDescendants(I)V
java/awt/Container adjustDecendantsOnParent(I)V
java/awt/Container countHierarchyMembers()I
java/awt/Container getListenersCount(IZ)I
java/awt/Container createHierarchyEvents(ILjava/awt/Component;Ljava/awt/Container;JZ)I
java/awt/Container createChildHierarchyEvents(IJZ)V
java/awt/Container getLayout()Ljava/awt/LayoutManager;
java/awt/Container
setLayout(Ljava/awt/LayoutManager;)V
java/awt/Container doLayout()V
java/awt/Container layout()V
java/awt/Container invalidate()V

java/awt/Container validate()V
java/awt/Container validateTree()V
java/awt/Container invalidateTree()V
java/awt/Container setFont(Ljava/awt/Font;)V
java/awt/Container getPreferredSize()Ljava/awt/Dimension;
java/awt/Container preferredSize()Ljava/awt/Dimension;
java/awt/Container getMinimumSize()Ljava/awt/Dimension;
java/awt/Container minimumSize()Ljava/awt/Dimension;
java/awt/Container getMaximumSize()Ljava/awt/Dimension;
java/awt/Container getAlignmentX()F
java/awt/Container getAlignmentY()F
java/awt/Container paint(Ljava/awt/Graphics;)V
java/awt/Container update(Ljava/awt/Graphics;)V
java/awt/Container print(Ljava/awt/Graphics;)V
java/awt/Container paintComponents(Ljava/awt/Graphics;)V
java/awt/Container lightweightPaint(Ljava/awt/Graphics;)V
java/awt/Container paintHeavyweightComponents(Ljava/awt/Graphics;)V
java/awt/Container printComponents(Ljava/awt/Graphics;)V
java/awt/Container
lightweightPrint(Ljava/awt/Graphics;)V
java/awt/Container printHeavyweightComponents(Ljava/awt/Graphics;)V
java/awt/Container addContainerListener(Ljava/awt/event/ContainerListener;)V
java/awt/Container removeContainerListener(Ljava/awt/event/ContainerListener;)V
java/awt/Container getContainerListeners()[Ljava/awt/event/ContainerListener;
java/awt/Container getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/Container eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/Container processEvent(Ljava/awt/AWTEvent;)V
java/awt/Container processContainerEvent(Ljava/awt/event/ContainerEvent;)V
java/awt/Container dispatchEventImpl(Ljava/awt/AWTEvent;)V
java/awt/Container dispatchEventToSelf(Ljava/awt/AWTEvent;)V
java/awt/Container getMouseEventTarget(IIZ)Ljava/awt/Component;
java/awt/Container getDropTargetEventTarget(IIZ)Ljava/awt/Component;
java/awt/Container getMouseEventTarget(IIZLjava/awt/Container$EventTargetFilter;Z)Ljava/awt/Component;
java/awt/Container
getMouseEventTargetImpl(IIZLjava/awt/Container$EventTargetFilter;ZZ)Ljava/awt/Component;
java/awt/Container proxyEnableEvents(J)V
java/awt/Container deliverEvent(Ljava/awt/Event;)V
java/awt/Container getComponentAt(II)Ljava/awt/Component;
java/awt/Container locate(II)Ljava/awt/Component;
java/awt/Container getComponentAt(Ljava/awt/Point;)Ljava/awt/Component;
java/awt/Container getMousePosition(Z)Ljava/awt/Point;
java/awt/Container isSameOrAncestorOf(Ljava/awt/Component;Z)Z
java/awt/Container findComponentAt(II)Ljava/awt/Component;
java/awt/Container findComponentAt(IIZ)Ljava/awt/Component;
java/awt/Container findComponentAtImpl(IIZ)Ljava/awt/Component;
java/awt/Container findComponentAt(Ljava/awt/Point;)Ljava/awt/Component;
java/awt/Container addNotify()V
java/awt/Container removeNotify()V

java/awt/Container isAncestorOf(Ljava/awt/Component;)Z
java/awt/Container startLWModal()V
java/awt/Container stopLWModal()V
java/awt/Container paramString()Ljava/lang/String;
java/awt/Container
 list(Ljava/io/PrintStream;I)V
java/awt/Container list(Ljava/io/PrintWriter;I)V
java/awt/Container setFocusTraversalKeys(ILjava/util/Set;)V
java/awt/Container getFocusTraversalKeys(I)Ljava/util/Set;
java/awt/Container areFocusTraversalKeysSet(I)Z
java/awt/Container isFocusCycleRoot(Ljava/awt/Container;)Z
java/awt/Container findTraversalRoot()Ljava/awt/Container;
java/awt/Container containsFocus()Z
java/awt/Container isParentOf(Ljava/awt/Component;)Z
java/awt/Container clearMostRecentFocusOwnerOnHide()V
java/awt/Container clearCurrentFocusCycleRootOnHide()V
java/awt/Container nextFocusHelper()Z
java/awt/Container transferFocusBackward()V
java/awt/Container setFocusTraversalPolicy(Ljava/awt/FocusTraversalPolicy;)V
java/awt/Container getFocusTraversalPolicy()Ljava/awt/FocusTraversalPolicy;
java/awt/Container isFocusTraversalPolicySet()Z
java/awt/Container setFocusCycleRoot(Z)V
java/awt/Container isFocusCycleRoot()Z
java/awt/Container setFocusTraversalPolicyProvider(Z)V
java/awt/Container
 isFocusTraversalPolicyProvider()Z
java/awt/Container transferFocusDownCycle()V
java/awt/Container preProcessKeyEvent(Ljava/awt/event/KeyEvent;)V
java/awt/Container postProcessKeyEvent(Ljava/awt/event/KeyEvent;)V
java/awt/Container postsOldMouseEvents()Z
java/awt/Container applyComponentOrientation(Ljava/awt/ComponentOrientation;)V
java/awt/Container addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/awt/Container addPropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/awt/Container writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Container readObject(Ljava/io/ObjectInputStream;)V
java/awt/Container getAccessibleAt(Ljava/awt/Point;)Ljavax/accessibility/Accessible;
java/awt/Container getAccessibleChildrenCount()I
java/awt/Container getAccessibleChild(I)Ljavax/accessibility/Accessible;
java/awt/Container <clinit>()V
class java/awt/Component java/lang/Object
java/awt/Component focusLog
java/awt/Component log
java/awt/Component peer
java/awt/Component
 parent
java/awt/Component appContext
java/awt/Component x
java/awt/Component y

java/awt/Component width
java/awt/Component height
java/awt/Component foreground
java/awt/Component background
java/awt/Component font
java/awt/Component peerFont
java/awt/Component cursor
java/awt/Component locale
java/awt/Component graphicsConfig
java/awt/Component bufferStrategy
java/awt/Component ignoreRepaint
java/awt/Component visible
java/awt/Component enabled
java/awt/Component valid
java/awt/Component dropTarget
java/awt/Component popups
java/awt/Component name
java/awt/Component nameExplicitlySet
java/awt/Component focusable
java/awt/Component FOCUS_TRAVERSABLE_UNKNOWN
java/awt/Component FOCUS_TRAVERSABLE_DEFAULT
java/awt/Component FOCUS_TRAVERSABLE_SET
java/awt/Component isFocusTraversableOverridden
java/awt/Component focusTraversalKeys
java/awt/Component focusTraversalKeyPropertyNames
java/awt/Component focusTraversalKeysEnabled
java/awt/Component LOCK
java/awt/Component minSize
java/awt/Component
minSizeSet
java/awt/Component prefSize
java/awt/Component prefSizeSet
java/awt/Component maxSize
java/awt/Component maxSizeSet
java/awt/Component componentOrientation
java/awt/Component newEventsOnly
java/awt/Component componentListener
java/awt/Component focusListener
java/awt/Component hierarchyListener
java/awt/Component hierarchyBoundsListener
java/awt/Component keyListener
java/awt/Component mouseListener
java/awt/Component mouseMotionListener
java/awt/Component mouseWheelListener
java/awt/Component inputMethodListener
java/awt/Component windowClosingException
java/awt/Component actionListenerK
java/awt/Component adjustmentListenerK

java/awt/Component componentListenerK
java/awt/Component containerListenerK
java/awt/Component focusListenerK
java/awt/Component itemListenerK
java/awt/Component keyListenerK
java/awt/Component mouseListenerK
java/awt/Component mouseMotionListenerK
java/awt/Component mouseWheelListenerK
java/awt/Component textListenerK
java/awt/Component
ownedWindowK
java/awt/Component windowListenerK
java/awt/Component inputMethodListenerK
java/awt/Component hierarchyListenerK
java/awt/Component hierarchyBoundsListenerK
java/awt/Component windowStateListenerK
java/awt/Component windowFocusListenerK
java/awt/Component eventMask
java/awt/Component dbg
java/awt/Component isInc
java/awt/Component incRate
java/awt/Component TOP_ALIGNMENT
java/awt/Component CENTER_ALIGNMENT
java/awt/Component BOTTOM_ALIGNMENT
java/awt/Component LEFT_ALIGNMENT
java/awt/Component RIGHT_ALIGNMENT
java/awt/Component serialVersionUID
java/awt/Component changeSupport
java/awt/Component isPacked
java/awt/Component privateKey
java/awt/Component boundsOp
java/awt/Component metrics
java/awt/Component componentSerializedDataVersion
java/awt/Component nativeInLightFixer
java/awt/Component accessibleContext
java/awt/Component $assertionsDisabled
java/awt/Component getBoundsOp()I
java/awt/Component setBoundsOp(I)V
java/awt/Component <init>()V
java/awt/Component initializeFocusTraversalKeys()V
java/awt/Component
constructComponentName()Ljava/lang/String;
java/awt/Component getName()Ljava/lang/String;
java/awt/Component setName(Ljava/lang/String;)V
java/awt/Component getParent()Ljava/awt/Container;
java/awt/Component getParent_NoClientCode()Ljava/awt/Container;
java/awt/Component getPeer()Ljava/awt/peer/ComponentPeer;
java/awt/Component setDropTarget(Ljava/awt/dnd/DropTarget;)V

java/awt/Component getDropTarget()Ljava/awt/dnd/DropTarget;
java/awt/Component getGraphicsConfiguration()Ljava/awt/GraphicsConfiguration;
java/awt/Component resetGC()V
java/awt/Component setGCFromPeer()V
java/awt/Component checkGD(Ljava/lang/String;)V
java/awt/Component getTreeLock()Ljava/lang/Object;
java/awt/Component getToolkit()Ljava/awt/Toolkit;
java/awt/Component getToolkitImpl()Ljava/awt/Toolkit;
java/awt/Component isValid()Z
java/awt/Component isDisplayable()Z
java/awt/Component isVisible()Z
java/awt/Component isRecursivelyVisible()Z
java/awt/Component pointRelativeToComponent(Ljava/awt/Point;)Ljava/awt/Point;
java/awt/Component
findUnderMouseInWindow(Ljava/awt/PointerInfo;)Ljava/awt/Component;
java/awt/Component getMousePosition()Ljava/awt/Point;
java/awt/Component isSameOrAncestorOf(Ljava/awt/Component;Z)Z
java/awt/Component isShowing()Z
java/awt/Component isEnabled()Z
java/awt/Component isEnabledImpl()Z
java/awt/Component setEnabled(Z)V
java/awt/Component enable()V
java/awt/Component enable(Z)V
java/awt/Component disable()V
java/awt/Component isDoubleBuffered()Z
java/awt/Component enableInputMethods(Z)V
java/awt/Component setVisible(Z)V
java/awt/Component show()V
java/awt/Component show(Z)V
java/awt/Component containsFocus()Z
java/awt/Component clearMostRecentFocusOwnerOnHide()V
java/awt/Component clearCurrentFocusCycleRootOnHide()V
java/awt/Component hide()V
java/awt/Component getForeground()Ljava/awt/Color;
java/awt/Component setForeground(Ljava/awt/Color;)V
java/awt/Component isForegroundSet()Z
java/awt/Component getBackground()Ljava/awt/Color;
java/awt/Component
setBackground(Ljava/awt/Color;)V
java/awt/Component isBackgroundSet()Z
java/awt/Component getFont()Ljava/awt/Font;
java/awt/Component getFont_NoClientCode()Ljava/awt/Font;
java/awt/Component setFont(Ljava/awt/Font;)V
java/awt/Component isFontSet()Z
java/awt/Component getLocale()Ljava/util/Locale;
java/awt/Component setLocale(Ljava/util/Locale;)V
java/awt/Component getColorModel()Ljava/awt/image/ColorModel;
java/awt/Component getLocation()Ljava/awt/Point;

java/awt/Component getLocationOnScreen()Ljava/awt/Point;
java/awt/Component getLocationOnScreen_NoTreeLock()Ljava/awt/Point;
java/awt/Component location()Ljava/awt/Point;
java/awt/Component setLocation(II)V
java/awt/Component move(II)V
java/awt/Component setLocation(Ljava/awt/Point;)V
java/awt/Component getSize()Ljava/awt/Dimension;
java/awt/Component size()Ljava/awt/Dimension;
java/awt/Component setSize(II)V
java/awt/Component resize(II)V
java/awt/Component setSize(Ljava/awt/Dimension;)V
java/awt/Component resize(Ljava/awt/Dimension;)V
java/awt/Component
getBounds()Ljava/awt/Rectangle;
java/awt/Component bounds()Ljava/awt/Rectangle;
java/awt/Component setBounds(IIII)V
java/awt/Component reshape(IIII)V
java/awt/Component repaintParentIfNeeded(IIII)V
java/awt/Component reshapeNativePeer(IIIII)V
java/awt/Component notifyNewBounds(ZZ)V
java/awt/Component setBounds(Ljava/awt/Rectangle;)V
java/awt/Component getX()I
java/awt/Component getY()I
java/awt/Component getWidth()I
java/awt/Component getHeight()I
java/awt/Component getBounds(Ljava/awt/Rectangle;)Ljava/awt/Rectangle;
java/awt/Component getSize(Ljava/awt/Dimension;)Ljava/awt/Dimension;
java/awt/Component getLocation(Ljava/awt/Point;)Ljava/awt/Point;
java/awt/Component isOpaque()Z
java/awt/Component isLightweight()Z
java/awt/Component setPreferredSize(Ljava/awt/Dimension;)V
java/awt/Component isPreferredSizeSet()Z
java/awt/Component getPreferredSize()Ljava/awt/Dimension;
java/awt/Component preferredSize()Ljava/awt/Dimension;
java/awt/Component setMinimumSize(Ljava/awt/Dimension;)V
java/awt/Component
isMinimumSizeSet()Z
java/awt/Component getMinimumSize()Ljava/awt/Dimension;
java/awt/Component minimumSize()Ljava/awt/Dimension;
java/awt/Component setMaximumSize(Ljava/awt/Dimension;)V
java/awt/Component isMaximumSizeSet()Z
java/awt/Component getMaximumSize()Ljava/awt/Dimension;
java/awt/Component getAlignmentX()F
java/awt/Component getAlignmentY()F
java/awt/Component doLayout()V
java/awt/Component layout()V
java/awt/Component validate()V
java/awt/Component invalidate()V

java/awt/Component getGraphics()Ljava/awt/Graphics;
java/awt/Component getFontMetrics(Ljava/awt/Font;)Ljava/awt/FontMetrics;
java/awt/Component setCursor(Ljava/awt/Cursor;)V
java/awt/Component updateCursorImmediately()V
java/awt/Component getCursor()Ljava/awt/Cursor;
java/awt/Component isCursorSet()Z
java/awt/Component paint(Ljava/awt/Graphics;)V
java/awt/Component update(Ljava/awt/Graphics;)V
java/awt/Component paintAll(Ljava/awt/Graphics;)V
java/awt/Component lightweightPaint(Ljava/awt/Graphics;)V
java/awt/Component
paintHeavyweightComponents(Ljava/awt/Graphics;)V
java/awt/Component repaint()V
java/awt/Component repaint(J)V
java/awt/Component repaint(IIII)V
java/awt/Component repaint(JIIII)V
java/awt/Component print(Ljava/awt/Graphics;)V
java/awt/Component printAll(Ljava/awt/Graphics;)V
java/awt/Component lightweightPrint(Ljava/awt/Graphics;)V
java/awt/Component printHeavyweightComponents(Ljava/awt/Graphics;)V
java/awt/Component imageUpdate(Ljava/awt/Image;IIIII)Z
java/awt/Component createImage(Ljava/awt/image/ImageProducer;)Ljava/awt/Image;
java/awt/Component createImage(II)Ljava/awt/Image;
java/awt/Component createVolatileImage(II)Ljava/awt/image/VolatileImage;
java/awt/Component createVolatileImage(IILjava/awt/ImageCapabilities;)Ljava/awt/image/VolatileImage;
java/awt/Component prepareImage(Ljava/awt/Image;Ljava/awt/image/ImageObserver;)Z
java/awt/Component prepareImage(Ljava/awt/Image;IILjava/awt/image/ImageObserver;)Z
java/awt/Component checkImage(Ljava/awt/Image;Ljava/awt/image/ImageObserver;)I
java/awt/Component
checkImage(Ljava/awt/Image;IILjava/awt/image/ImageObserver;)I
java/awt/Component createBufferStrategy(I)V
java/awt/Component createBufferStrategy(ILjava/awt/BufferCapabilities;)V
java/awt/Component getBufferStrategy()Ljava/awt/image/BufferStrategy;
java/awt/Component getBackBuffer()Ljava/awt/Image;
java/awt/Component setIgnoreRepaint(Z)V
java/awt/Component getIgnoreRepaint()Z
java/awt/Component contains(II)Z
java/awt/Component inside(II)Z
java/awt/Component contains(Ljava/awt/Point;)Z
java/awt/Component getComponentAt(II)Ljava/awt/Component;
java/awt/Component locate(II)Ljava/awt/Component;
java/awt/Component getComponentAt(Ljava/awt/Point;)Ljava/awt/Component;
java/awt/Component deliverEvent(Ljava/awt/Event;)V
java/awt/Component dispatchEvent(Ljava/awt/AWTEvent;)V
java/awt/Component dispatchEventImpl(Ljava/awt/AWTEvent;)V
java/awt/Component autoProcessMouseWheel(Ljava/awt/event/MouseWheelEvent;)V
java/awt/Component

dispatchMouseWheelToAncestor(Ljava/awt/event/MouseWheelEvent;)Z
java/awt/Component checkWindowClosingException()Z
java/awt/Component areInputMethodsEnabled()Z
java/awt/Component eventEnabled(Ljava/awt/AWTEvent;)Z
java/awt/Component eventTypeEnabled(I)Z
java/awt/Component postEvent(Ljava/awt/Event;)Z
java/awt/Component addComponentListener(Ljava/awt/event/ComponentListener;)V
java/awt/Component removeComponentListener(Ljava/awt/event/ComponentListener;)V
java/awt/Component getComponentListeners()[Ljava/awt/event/ComponentListener;
java/awt/Component addFocusListener(Ljava/awt/event/FocusListener;)V
java/awt/Component removeFocusListener(Ljava/awt/event/FocusListener;)V
java/awt/Component getFocusListeners()[Ljava/awt/event/FocusListener;
java/awt/Component addHierarchyListener(Ljava/awt/event/HierarchyListener;)V
java/awt/Component removeHierarchyListener(Ljava/awt/event/HierarchyListener;)V
java/awt/Component getHierarchyListeners()[Ljava/awt/event/HierarchyListener;
java/awt/Component
addHierarchyBoundsListener(Ljava/awt/event/HierarchyBoundsListener;)V
java/awt/Component removeHierarchyBoundsListener(Ljava/awt/event/HierarchyBoundsListener;)V
java/awt/Component numListening(J)I
java/awt/Component countHierarchyMembers()I
java/awt/Component createHierarchyEvents(ILjava/awt/Component;Ljava/awt/Container;JZ)I
java/awt/Component getHierarchyBoundsListeners()[Ljava/awt/event/HierarchyBoundsListener;
java/awt/Component adjustListeningChildrenOnParent(JI)V
java/awt/Component addKeyListener(Ljava/awt/event/KeyListener;)V
java/awt/Component removeKeyListener(Ljava/awt/event/KeyListener;)V
java/awt/Component getKeyListeners()[Ljava/awt/event/KeyListener;
java/awt/Component addMouseListener(Ljava/awt/event/MouseListener;)V
java/awt/Component removeMouseListener(Ljava/awt/event/MouseListener;)V
java/awt/Component getMouseListeners()[Ljava/awt/event/MouseListener;
java/awt/Component addMouseMotionListener(Ljava/awt/event/MouseMotionListener;)V
java/awt/Component removeMouseMotionListener(Ljava/awt/event/MouseMotionListener;)V
java/awt/Component
getMouseMotionListeners()[Ljava/awt/event/MouseMotionListener;
java/awt/Component addMouseWheelListener(Ljava/awt/event/MouseWheelListener;)V
java/awt/Component removeMouseWheelListener(Ljava/awt/event/MouseWheelListener;)V
java/awt/Component getMouseWheelListeners()[Ljava/awt/event/MouseWheelListener;
java/awt/Component addInputMethodListener(Ljava/awt/event/InputMethodListener;)V
java/awt/Component removeInputMethodListener(Ljava/awt/event/InputMethodListener;)V
java/awt/Component getInputMethodListeners()[Ljava/awt/event/InputMethodListener;
java/awt/Component getListeners(Ljava/lang/Class;)[Ljava/util/EventListener;
java/awt/Component getInputMethodRequests()Ljava/awt/im/InputMethodRequests;
java/awt/Component getInputContext()Ljava/awt/im/InputContext;
java/awt/Component enableEvents(J)V
java/awt/Component disableEvents(J)V
java/awt/Component coalesceEvents(Ljava/awt/AWTEvent;Ljava/awt/AWTEvent;)Ljava/awt/AWTEvent;
java/awt/Component
processEvent(Ljava/awt/AWTEvent;)V
java/awt/Component processComponentEvent(Ljava/awt/event/ComponentEvent;)V

java/awt/Component processFocusEvent(Ljava/awt/event/FocusEvent;)V
java/awt/Component processKeyEvent(Ljava/awt/event/KeyEvent;)V
java/awt/Component processMouseEvent(Ljava/awt/event/MouseEvent;)V
java/awt/Component processMouseMotionEvent(Ljava/awt/event/MouseEvent;)V
java/awt/Component processMouseWheelEvent(Ljava/awt/event/MouseWheelEvent;)V
java/awt/Component postsOldMouseEvents()Z
java/awt/Component processInputMethodEvent(Ljava/awt/event/InputMethodEvent;)V
java/awt/Component processHierarchyEvent(Ljava/awt/event/HierarchyEvent;)V
java/awt/Component processHierarchyBoundsEvent(Ljava/awt/event/HierarchyEvent;)V
java/awt/Component handleEvent(Ljava/awt/Event;)Z
java/awt/Component mouseDown(Ljava/awt/Event;II)Z
java/awt/Component mouseDrag(Ljava/awt/Event;II)Z
java/awt/Component mouseUp(Ljava/awt/Event;II)Z
java/awt/Component mouseMove(Ljava/awt/Event;II)Z
java/awt/Component
mouseEnter(Ljava/awt/Event;II)Z
java/awt/Component mouseExit(Ljava/awt/Event;II)Z
java/awt/Component keyDown(Ljava/awt/Event;I)Z
java/awt/Component keyUp(Ljava/awt/Event;I)Z
java/awt/Component action(Ljava/awt/Event;Ljava/lang/Object;)Z
java/awt/Component addNotify()V
java/awt/Component removeNotify()V
java/awt/Component gotFocus(Ljava/awt/Event;Ljava/lang/Object;)Z
java/awt/Component lostFocus(Ljava/awt/Event;Ljava/lang/Object;)Z
java/awt/Component isFocusTraversable()Z
java/awt/Component isFocusable()Z
java/awt/Component setFocusable(Z)V
java/awt/Component isFocusTraversableOverridden()Z
java/awt/Component setFocusTraversalKeys(ILjava/util/Set;)V
java/awt/Component getFocusTraversalKeys(I)Ljava/util/Set;
java/awt/Component setFocusTraversalKeys_NoIDCheck(ILjava/util/Set;)V
java/awt/Component getFocusTraversalKeys_NoIDCheck(I)Ljava/util/Set;
java/awt/Component areFocusTraversalKeysSet(I)Z
java/awt/Component setFocusTraversalKeysEnabled(Z)V
java/awt/Component
getFocusTraversalKeysEnabled()Z
java/awt/Component requestFocus()V
java/awt/Component requestFocus(Z)Z
java/awt/Component requestFocusInWindow()Z
java/awt/Component requestFocusInWindow(Z)Z
java/awt/Component requestFocusHelper(ZZ)Z
java/awt/Component autoTransferFocus(Z)V
java/awt/Component doAutoTransfer(Z)V
java/awt/Component transferFocus()V
java/awt/Component getFocusCycleRootAncestor()Ljava/awt/Container;
java/awt/Component isFocusCycleRoot(Ljava/awt/Container;)Z
java/awt/Component nextFocus()V
java/awt/Component nextFocusHelper()Z

java/awt/Component transferFocusBackward()V
java/awt/Component transferFocusUpCycle()V
java/awt/Component hasFocus()Z
java/awt/Component isFocusOwner()Z
java/awt/Component add(Ljava/awt/PopupMenu;)V
java/awt/Component remove(Ljava/awt/MenuComponent;)V
java/awt/Component paramString()Ljava/lang/String;
java/awt/Component toString()Ljava/lang/String;
java/awt/Component list()V
java/awt/Component list(Ljava/io/PrintStream;)V
java/awt/Component list(Ljava/io/PrintStream;I)V
java/awt/Component
list(Ljava/io/PrintWriter;)V
java/awt/Component list(Ljava/io/PrintWriter;I)V
java/awt/Component getNativeContainer()Ljava/awt/Container;
java/awt/Component addPropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/awt/Component removePropertyChangeListener(Ljava/beans/PropertyChangeListener;)V
java/awt/Component getPropertyChangeListeners()[Ljava/beans/PropertyChangeListener;
java/awt/Component addPropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/awt/Component removePropertyChangeListener(Ljava/lang/String;Ljava/beans/PropertyChangeListener;)V
java/awt/Component getPropertyChangeListeners(Ljava/lang/String;)[Ljava/beans/PropertyChangeListener;
java/awt/Component firePropertyChange(Ljava/lang/String;Ljava/lang/Object;Ljava/lang/Object;)V
java/awt/Component firePropertyChange(Ljava/lang/String;ZZ)V
java/awt/Component firePropertyChange(Ljava/lang/String;II)V
java/awt/Component firePropertyChange(Ljava/lang/String;BB)V
java/awt/Component
firePropertyChange(Ljava/lang/String;CC)V
java/awt/Component firePropertyChange(Ljava/lang/String;SS)V
java/awt/Component firePropertyChange(Ljava/lang/String;JJ)V
java/awt/Component firePropertyChange(Ljava/lang/String;FF)V
java/awt/Component firePropertyChange(Ljava/lang/String;DD)V
java/awt/Component doSwingSerialization()V
java/awt/Component writeObject(Ljava/io/ObjectOutputStream;)V
java/awt/Component readObject(Ljava/io/ObjectInputStream;)V
java/awt/Component setComponentOrientation(Ljava/awt/ComponentOrientation;)V
java/awt/Component getComponentOrientation()Ljava/awt/ComponentOrientation;
java/awt/Component applyComponentOrientation(Ljava/awt/ComponentOrientation;)V
java/awt/Component canBeFocusOwner()Z
java/awt/Component getContainingWindow()Ljava/awt/Window;
java/awt/Component getContainingWindow(Ljava/awt/Component;)Ljava/awt/Window;
java/awt/Component initIDs()V
java/awt/Component getAccessibleContext()Ljavax/accessibility/AccessibleContext;
java/awt/Component
getAccessibleIndexInParent()I
java/awt/Component getAccessibleStateSet()Ljavax/accessibility/AccessibleStateSet;
java/awt/Component <clinit>()V
class java/awt/image/ImageObserver java/lang/Object
java/awt/image/ImageObserver WIDTH

java/awt/image/ImageObserver HEIGHT
java/awt/image/ImageObserver PROPERTIES
java/awt/image/ImageObserver SOMEBITS
java/awt/image/ImageObserver FRAMEBITS
java/awt/image/ImageObserver ALLBITS
java/awt/image/ImageObserver ERROR
java/awt/image/ImageObserver ABORT
java/awt/image/ImageObserver imageUpdate(Ljava/awt/Image;IIIII)Z
class java/awt/MenuContainer java/lang/Object
java/awt/MenuContainer getFont()Ljava/awt/Font;
java/awt/MenuContainer remove(Ljava/awt/MenuComponent;)V
java/awt/MenuContainer postEvent(Ljava/awt/Event;)Z
class java/lang/Shutdown$Lock java/lang/Object
java/lang/Shutdown$Lock <init>()V
java/lang/Shutdown$Lock <init>(Ljava/lang/Shutdown$1;)V
class java/lang/Shutdown java/lang/Object
java/lang/Shutdown RUNNING
java/lang/Shutdown
 HOOKS
java/lang/Shutdown FINALIZERS
java/lang/Shutdown state
java/lang/Shutdown runFinalizersOnExit
java/lang/Shutdown hooks
java/lang/Shutdown lock
java/lang/Shutdown haltLock
java/lang/Shutdown <init>()V
java/lang/Shutdown setRunFinalizersOnExit(Z)V
java/lang/Shutdown add(Ljava/lang/Thread;)V
java/lang/Shutdown remove(Ljava/lang/Thread;)Z
java/lang/Shutdown runHooks()V
java/lang/Shutdown halt(I)V
java/lang/Shutdown halt0(I)V
java/lang/Shutdown runAllFinalizers()V
java/lang/Shutdown sequence()V
java/lang/Shutdown exit(I)V
java/lang/Shutdown shutdown()V
java/lang/Shutdown <clinit>()V
class java/security/cert/Certificate java/lang/Object
java/security/cert/Certificate serialVersionUID
java/security/cert/Certificate type
java/security/cert/Certificate <init>(Ljava/lang/String;)V
java/security/cert/Certificate getType()Ljava/lang/String;
java/security/cert/Certificate equals(Ljava/lang/Object;)Z
java/security/cert/Certificate hashCode()I
java/security/cert/Certificate getEncoded()[B
java/security/cert/Certificate
 verify(Ljava/security/PublicKey;)V
java/security/cert/Certificate verify(Ljava/security/PublicKey;Ljava/lang/String;)V

java/security/cert/Certificate toString()Ljava/lang/String;
java/security/cert/Certificate getPublicKey()Ljava/security/PublicKey;
java/security/cert/Certificate writeReplace()Ljava/lang/Object;
class java/security/Principal java/lang/Object
java/security/Principal equals(Ljava/lang/Object;)Z
java/security/Principal toString()Ljava/lang/String;
java/security/Principal hashCode()I
java/security/Principal getName()Ljava/lang/String;
class java/security/BasicPermissionCollection java/security/PermissionCollection
java/security/BasicPermissionCollection serialVersionUID
java/security/BasicPermissionCollection perms
java/security/BasicPermissionCollection all_allowed
java/security/BasicPermissionCollection permClass
java/security/BasicPermissionCollection serialPersistentFields
java/security/BasicPermissionCollection <init>()V
java/security/BasicPermissionCollection
add(Ljava/security/Permission;)V
java/security/BasicPermissionCollection implies(Ljava/security/Permission;)Z
java/security/BasicPermissionCollection elements()Ljava/util/Enumeration;
java/security/BasicPermissionCollection writeObject(Ljava/io/ObjectOutputStream;)V
java/security/BasicPermissionCollection readObject(Ljava/io/ObjectInputStream;)V
java/security/BasicPermissionCollection <clinit>()V
class java/security/UnresolvedPermission java/security/Permission
java/security/UnresolvedPermission serialVersionUID
java/security/UnresolvedPermission debug
java/security/UnresolvedPermission type
java/security/UnresolvedPermission name
java/security/UnresolvedPermission actions
java/security/UnresolvedPermission certs
java/security/UnresolvedPermission PARAMS0
java/security/UnresolvedPermission PARAMS1
java/security/UnresolvedPermission PARAMS2
java/security/UnresolvedPermission
<init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;[Ljava/security/cert/Certificate;)V
java/security/UnresolvedPermission
resolve(Ljava/security/Permission;[Ljava/security/cert/Certificate;)Ljava/security/Permission;
java/security/UnresolvedPermission implies(Ljava/security/Permission;)Z
java/security/UnresolvedPermission equals(Ljava/lang/Object;)Z
java/security/UnresolvedPermission hashCode()I
java/security/UnresolvedPermission getActions()Ljava/lang/String;
java/security/UnresolvedPermission getUnresolvedType()Ljava/lang/String;
java/security/UnresolvedPermission getUnresolvedName()Ljava/lang/String;
java/security/UnresolvedPermission getUnresolvedActions()Ljava/lang/String;
java/security/UnresolvedPermission getUnresolvedCerts()[Ljava/security/cert/Certificate;
java/security/UnresolvedPermission toString()Ljava/lang/String;
java/security/UnresolvedPermission newPermissionCollection()Ljava/security/PermissionCollection;
java/security/UnresolvedPermission writeObject(Ljava/io/ObjectOutputStream;)V
java/security/UnresolvedPermission readObject(Ljava/io/ObjectInputStream;)V

java/security/UnresolvedPermission
 <clinit>()V
class java/security/AllPermission java/security/Permission
java/security/AllPermission serialVersionUID
java/security/AllPermission <init>()V
java/security/AllPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
java/security/AllPermission implies(Ljava/security/Permission;)Z
java/security/AllPermission equals(Ljava/lang/Object;)Z
java/security/AllPermission hashCode()I
java/security/AllPermission getActions()Ljava/lang/String;
java/security/AllPermission newPermissionCollection()Ljava/security/PermissionCollection;
class java/io/FilePermissionCollection java/security/PermissionCollection
java/io/FilePermissionCollection perms
java/io/FilePermissionCollection serialVersionUID
java/io/FilePermissionCollection serialPersistentFields
java/io/FilePermissionCollection <init>()V
java/io/FilePermissionCollection add(Ljava/security/Permission;)V
java/io/FilePermissionCollection implies(Ljava/security/Permission;)Z
java/io/FilePermissionCollection
 elements()Ljava/util/Enumeration;
java/io/FilePermissionCollection writeObject(Ljava/io/ObjectOutputStream;)V
java/io/FilePermissionCollection readObject(Ljava/io/ObjectInputStream;)V
java/io/FilePermissionCollection <clinit>()V
class java/io/FilePermission$1 java/lang/Object
java/io/FilePermission$1 this$0
java/io/FilePermission$1 <init>(Ljava/io/FilePermission;)V
java/io/FilePermission$1 run()Ljava/lang/Object;
class java/io/FilePermission java/security/Permission
java/io/FilePermission EXECUTE
java/io/FilePermission WRITE
java/io/FilePermission READ
java/io/FilePermission DELETE
java/io/FilePermission ALL
java/io/FilePermission NONE
java/io/FilePermission mask
java/io/FilePermission directory
java/io/FilePermission recursive
java/io/FilePermission actions
java/io/FilePermission cpath
java/io/FilePermission RECURSIVE_CHAR
java/io/FilePermission WILD_CHAR
java/io/FilePermission serialVersionUID
java/io/FilePermission init(I)V
java/io/FilePermission <init>(Ljava/lang/String;Ljava/lang/String;)V
java/io/FilePermission
 <init>(Ljava/lang/String;I)V
java/io/FilePermission implies(Ljava/security/Permission;)Z
java/io/FilePermission impliesIgnoreMask(Ljava/io/FilePermission;)Z

java/io/FilePermission equals(Ljava/lang/Object;)Z
java/io/FilePermission hashCode()I
java/io/FilePermission getMask(Ljava/lang/String;)I
java/io/FilePermission getMask()I
java/io/FilePermission getActions(I)Ljava/lang/String;
java/io/FilePermission getActions()Ljava/lang/String;
java/io/FilePermission newPermissionCollection()Ljava/security/PermissionCollection;
java/io/FilePermission writeObject(Ljava/io/ObjectOutputStream;)V
java/io/FilePermission readObject(Ljava/io/ObjectInputStream;)V
java/io/FilePermission access$000(Ljava/io/FilePermission;)Ljava/lang/String;
java/io/FilePermission access$100(Ljava/io/FilePermission;)Z
class java/net/UnknownContentHandler java/net/ContentHandler
java/net/UnknownContentHandler <init>()V
java/net/UnknownContentHandler getContent(Ljava/net/URLConnection;)Ljava/lang/Object;
class
java/net/ContentHandler java/lang/Object
java/net/ContentHandler <init>()V
java/net/ContentHandler getContent(Ljava/net/URLConnection;)Ljava/lang/Object;
java/net/ContentHandler getContent(Ljava/net/URLConnection;[Ljava/lang/Class;)Ljava/lang/Object;
class java/net/URLConnection java/lang/Object
java/net/URLConnection url
java/net/URLConnection doInput
java/net/URLConnection doOutput
java/net/URLConnection defaultAllowUserInteraction
java/net/URLConnection allowUserInteraction
java/net/URLConnection defaultUseCaches
java/net/URLConnection useCaches
java/net/URLConnection ifModifiedSince
java/net/URLConnection connected
java/net/URLConnection connectTimeout
java/net/URLConnection readTimeout
java/net/URLConnection fileNameMap
java/net/URLConnection fileNameMapLoaded
java/net/URLConnection factory
java/net/URLConnection handlers
java/net/URLConnection UnknownContentHandlerP
java/net/URLConnection contentClassPrefix
java/net/URLConnection contentPathProp
java/net/URLConnection
getFileNameMap()Ljava/net/FileNameMap;
java/net/URLConnection setFileNameMap(Ljava/net/FileNameMap;)V
java/net/URLConnection connect()V
java/net/URLConnection setConnectTimeout(I)V
java/net/URLConnection getConnectTimeout()I
java/net/URLConnection setReadTimeout(I)V
java/net/URLConnection getReadTimeout()I
java/net/URLConnection <init>(Ljava/net/URL;)V
java/net/URLConnection getURL()Ljava/net/URL;

java/net/URLConnection getContentLength()I
java/net/URLConnection getContentType()Ljava/lang/String;
java/net/URLConnection getContentEncoding()Ljava/lang/String;
java/net/URLConnection getExpiration()J
java/net/URLConnection getDate()J
java/net/URLConnection getLastModified()J
java/net/URLConnection getHeaderField(Ljava/lang/String;)Ljava/lang/String;
java/net/URLConnection getHeaderFields()Ljava/util/Map;
java/net/URLConnection getHeaderFieldInt(Ljava/lang/String;I)I
java/net/URLConnection getHeaderFieldDate(Ljava/lang/String;J)J
java/net/URLConnection getHeaderFieldKey(I)Ljava/lang/String;
java/net/URLConnection
getHeaderField(I)Ljava/lang/String;
java/net/URLConnection getContent()Ljava/lang/Object;
java/net/URLConnection getContent([Ljava/lang/Class;)Ljava/lang/Object;
java/net/URLConnection getPermission()Ljava/security/Permission;
java/net/URLConnection getInputStream()Ljava/io/InputStream;
java/net/URLConnection getOutputStream()Ljava/io/OutputStream;
java/net/URLConnection toString()Ljava/lang/String;
java/net/URLConnection setDoInput(Z)V
java/net/URLConnection getDoInput()Z
java/net/URLConnection setDoOutput(Z)V
java/net/URLConnection getDoOutput()Z
java/net/URLConnection setAllowUserInteraction(Z)V
java/net/URLConnection getAllowUserInteraction()Z
java/net/URLConnection setDefaultAllowUserInteraction(Z)V
java/net/URLConnection getDefaultAllowUserInteraction()Z
java/net/URLConnection setUseCaches(Z)V
java/net/URLConnection getUseCaches()Z
java/net/URLConnection setIfModifiedSince(J)V
java/net/URLConnection getIfModifiedSince()J
java/net/URLConnection
getDefaultUseCaches()Z
java/net/URLConnection setDefaultUseCaches(Z)V
java/net/URLConnection setRequestProperty(Ljava/lang/String;Ljava/lang/String;)V
java/net/URLConnection addRequestProperty(Ljava/lang/String;Ljava/lang/String;)V
java/net/URLConnection getRequestProperty(Ljava/lang/String;)Ljava/lang/String;
java/net/URLConnection getRequestProperties()Ljava/util/Map;
java/net/URLConnection setDefaultRequestProperty(Ljava/lang/String;Ljava/lang/String;)V
java/net/URLConnection getDefaultRequestProperty(Ljava/lang/String;)Ljava/lang/String;
java/net/URLConnection setContentHandlerFactory(Ljava/net/ContentHandlerFactory;)V
java/net/URLConnection getContentHandler()Ljava/net/ContentHandler;
java/net/URLConnection stripOffParameters(Ljava/lang/String;)Ljava/lang/String;
java/net/URLConnection lookupContentHandlerClassFor(Ljava/lang/String;)Ljava/net/ContentHandler;
java/net/URLConnection typeToPackageName(Ljava/lang/String;)Ljava/lang/String;
java/net/URLConnection getContentHandlerPkgPrefixes()Ljava/lang/String;
java/net/URLConnection

guessContentTypeFromName(Ljava/lang/String;)Ljava/lang/String;
java/net/URLConnection guessContentTypeFromStream(Ljava/io/InputStream;)Ljava/lang/String;
java/net/URLConnection checkfpx(Ljava/io/InputStream;)Z
java/net/URLConnection readBytes([IILjava/io/InputStream;)I
java/net/URLConnection skipForward(Ljava/io/InputStream;J)J
java/net/URLConnection access$000()Ljava/net/FileNameMap;
java/net/URLConnection <clinit>()V
class java/security/Permissions java/security/PermissionCollection
java/security/Permissions permsMap
java/security/Permissions hasUnresolved
java/security/Permissions allPermission
java/security/Permissions serialVersionUID
java/security/Permissions serialPersistentFields
java/security/Permissions <init>()V
java/security/Permissions add(Ljava/security/Permission;)V
java/security/Permissions implies(Ljava/security/Permission;)Z
java/security/Permissions elements()Ljava/util/Enumeration;
java/security/Permissions
getPermissionCollection(Ljava/security/Permission;Z)Ljava/security/PermissionCollection;
java/security/Permissions
getUnresolvedPermissions(Ljava/security/Permission;)Ljava/security/PermissionCollection;
java/security/Permissions writeObject(Ljava/io/ObjectOutputStream;)V
java/security/Permissions readObject(Ljava/io/ObjectInputStream;)V
java/security/Permissions <clinit>()V
class java/security/PermissionCollection java/lang/Object
java/security/PermissionCollection serialVersionUID
java/security/PermissionCollection readOnly
java/security/PermissionCollection <init>()V
java/security/PermissionCollection add(Ljava/security/Permission;)V
java/security/PermissionCollection implies(Ljava/security/Permission;)Z
java/security/PermissionCollection elements()Ljava/util/Enumeration;
java/security/PermissionCollection setReadOnly()V
java/security/PermissionCollection isReadOnly()Z
java/security/PermissionCollection toString()Ljava/lang/String;
class java/security/CodeSource java/lang/Object
java/security/CodeSource
serialVersionUID
java/security/CodeSource location
java/security/CodeSource signers
java/security/CodeSource certs
java/security/CodeSource sp
java/security/CodeSource factory
java/security/CodeSource <init>(Ljava/net/URL;[Ljava/security/cert/Certificate;)V
java/security/CodeSource <init>(Ljava/net/URL;[Ljava/security/CodeSigner;)V
java/security/CodeSource hashCode()I
java/security/CodeSource equals(Ljava/lang/Object;)Z
java/security/CodeSource getLocation()Ljava/net/URL;
java/security/CodeSource getCertificates()[Ljava/security/cert/Certificate;

java/security/CodeSource getCodeSigners()[Ljava/security/CodeSigner;
java/security/CodeSource implies(Ljava/security/CodeSource;)Z
java/security/CodeSource matchCerts(Ljava/security/CodeSource;Z)Z
java/security/CodeSource matchLocation(Ljava/security/CodeSource;)Z
java/security/CodeSource toString()Ljava/lang/String;
java/security/CodeSource writeObject(Ljava/io/ObjectOutputStream;)V
java/security/CodeSource readObject(Ljava/io/ObjectInputStream;)V
java/security/CodeSource
convertCertArrayToSignerArray([Ljava/security/cert/Certificate;)[Ljava/security/CodeSigner;
class java/security/PrivilegedActionException java/lang/Exception
java/security/PrivilegedActionException serialVersionUID
java/security/PrivilegedActionException exception
java/security/PrivilegedActionException <init>(Ljava/lang/Exception;)V
java/security/PrivilegedActionException getException()Ljava/lang/Exception;
java/security/PrivilegedActionException getCause()Ljava/lang/Throwable;
java/security/PrivilegedActionException toString()Ljava/lang/String;
class java/lang/Math java/lang/Object
java/lang/Math E
java/lang/Math PI
java/lang/Math randomNumberGenerator
java/lang/Math negativeZeroFloatBits
java/lang/Math negativeZeroDoubleBits
java/lang/Math <init>()V
java/lang/Math sin(D)D
java/lang/Math cos(D)D
java/lang/Math tan(D)D
java/lang/Math asin(D)D
java/lang/Math acos(D)D
java/lang/Math atan(D)D
java/lang/Math toRadians(D)D
java/lang/Math
toDegrees(D)D
java/lang/Math exp(D)D
java/lang/Math log(D)D
java/lang/Math log10(D)D
java/lang/Math sqrt(D)D
java/lang/Math cbrt(D)D
java/lang/Math IEEEremainder(DD)D
java/lang/Math ceil(D)D
java/lang/Math floor(D)D
java/lang/Math rint(D)D
java/lang/Math atan2(DD)D
java/lang/Math pow(DD)D
java/lang/Math round(F)I
java/lang/Math round(D)J
java/lang/Math initRNG()V
java/lang/Math random()D
java/lang/Math abs(I)I

java/lang/Math abs(J)J
java/lang/Math abs(F)F
java/lang/Math abs(D)D
java/lang/Math max(II)I
java/lang/Math max(JJ)J
java/lang/Math max(FF)F
java/lang/Math max(DD)D
java/lang/Math min(II)I
java/lang/Math min(JJ)J
java/lang/Math min(FF)F
java/lang/Math min(DD)D
java/lang/Math ulp(D)D
java/lang/Math ulp(F)F
java/lang/Math signum(D)D
java/lang/Math signum(F)F
java/lang/Math sinh(D)D
java/lang/Math cosh(D)D
java/lang/Math tanh(D)D
java/lang/Math hypot(DD)D
java/lang/Math expm1(D)D
java/lang/Math log1p(D)D
java/lang/Math <clinit>()V
class java/util/zip/Inflater java/lang/Object
java/util/zip/Inflater
 strm
java/util/zip/Inflater buf
java/util/zip/Inflater off
java/util/zip/Inflater len
java/util/zip/Inflater finished
java/util/zip/Inflater needDict
java/util/zip/Inflater <init>(Z)V
java/util/zip/Inflater <init>()V
java/util/zip/Inflater setInput([BII)V
java/util/zip/Inflater setInput([B)V
java/util/zip/Inflater setDictionary([BII)V
java/util/zip/Inflater setDictionary([B)V
java/util/zip/Inflater getRemaining()I
java/util/zip/Inflater needsInput()Z
java/util/zip/Inflater needsDictionary()Z
java/util/zip/Inflater finished()Z
java/util/zip/Inflater inflate([BII)I
java/util/zip/Inflater inflate([B)I
java/util/zip/Inflater getAdler()I
java/util/zip/Inflater getTotalIn()I
java/util/zip/Inflater getBytesRead()J
java/util/zip/Inflater getTotalOut()I
java/util/zip/Inflater getBytesWritten()J
java/util/zip/Inflater reset()V

java/util/zip/Inflater end()V
java/util/zip/Inflater finalize()V
java/util/zip/Inflater ensureOpen()V
java/util/zip/Inflater initIDs()V
java/util/zip/Inflater
 init(Z)J
java/util/zip/Inflater setDictionary(J[BII)V
java/util/zip/Inflater inflateBytes([BII)I
java/util/zip/Inflater getAdler(J)I
java/util/zip/Inflater getBytesRead(J)J
java/util/zip/Inflater getBytesWritten(J)J
java/util/zip/Inflater reset(J)V
java/util/zip/Inflater end(J)V
java/util/zip/Inflater <clinit>()V
class java/util/zip/ZipFile$2 java/util/zip/InflaterInputStream
java/util/zip/ZipFile$2 isClosed
java/util/zip/ZipFile$2 eof
java/util/zip/ZipFile$2 val$zfin
java/util/zip/ZipFile$2 this$0
java/util/zip/ZipFile$2
<init>(Ljava/util/zip/ZipFile;Ljava/io/InputStream;Ljava/util/zip/Inflater;ILjava/util/zip/ZipFile$ZipFileInputStream
;)V
java/util/zip/ZipFile$2 close()V
java/util/zip/ZipFile$2 fill()V
java/util/zip/ZipFile$2 available()I
class java/util/zip/InflaterInputStream java/io/FilterInputStream
java/util/zip/InflaterInputStream inf
java/util/zip/InflaterInputStream buf
java/util/zip/InflaterInputStream len
java/util/zip/InflaterInputStream closed
java/util/zip/InflaterInputStream
 reachEOF
java/util/zip/InflaterInputStream usesDefaultInflater
java/util/zip/InflaterInputStream singleByteBuf
java/util/zip/InflaterInputStream b
java/util/zip/InflaterInputStream ensureOpen()V
java/util/zip/InflaterInputStream <init>(Ljava/io/InputStream;Ljava/util/zip/Inflater;I)V
java/util/zip/InflaterInputStream <init>(Ljava/io/InputStream;Ljava/util/zip/Inflater;)V
java/util/zip/InflaterInputStream <init>(Ljava/io/InputStream;)V
java/util/zip/InflaterInputStream read()I
java/util/zip/InflaterInputStream read([BII)I
java/util/zip/InflaterInputStream available()I
java/util/zip/InflaterInputStream skip(J)J
java/util/zip/InflaterInputStream close()V
java/util/zip/InflaterInputStream fill()V
java/util/zip/InflaterInputStream markSupported()Z
java/util/zip/InflaterInputStream mark(I)V
java/util/zip/InflaterInputStream reset()V

class java/util/zip/ZipFile$ZipFileInputStream java/io/InputStream
java/util/zip/ZipFile$ZipFileInputStream jzentry
java/util/zip/ZipFile$ZipFileInputStream
 pos
java/util/zip/ZipFile$ZipFileInputStream rem
java/util/zip/ZipFile$ZipFileInputStream size
java/util/zip/ZipFile$ZipFileInputStream this$0
java/util/zip/ZipFile$ZipFileInputStream <init>(Ljava/util/zip/ZipFile;J)V
java/util/zip/ZipFile$ZipFileInputStream read([BII)I
java/util/zip/ZipFile$ZipFileInputStream read()I
java/util/zip/ZipFile$ZipFileInputStream skip(J)J
java/util/zip/ZipFile$ZipFileInputStream available()I
java/util/zip/ZipFile$ZipFileInputStream size()J
java/util/zip/ZipFile$ZipFileInputStream close()V
class java/io/DataInputStream java/io/FilterInputStream
java/io/DataInputStream bytearr
java/io/DataInputStream chararr
java/io/DataInputStream readBuffer
java/io/DataInputStream lineBuffer
java/io/DataInputStream <init>(Ljava/io/InputStream;)V
java/io/DataInputStream read([B)I
java/io/DataInputStream read([BII)I
java/io/DataInputStream readFully([B)V
java/io/DataInputStream readFully([BII)V
java/io/DataInputStream skipBytes(I)I
java/io/DataInputStream readBoolean()Z
java/io/DataInputStream
 readByte()B
java/io/DataInputStream readUnsignedByte()I
java/io/DataInputStream readShort()S
java/io/DataInputStream readUnsignedShort()I
java/io/DataInputStream readChar()C
java/io/DataInputStream readInt()I
java/io/DataInputStream readLong()J
java/io/DataInputStream readFloat()F
java/io/DataInputStream readDouble()D
java/io/DataInputStream readLine()Ljava/lang/String;
java/io/DataInputStream readUTF()Ljava/lang/String;
java/io/DataInputStream readUTF(Ljava/io/DataInput;)Ljava/lang/String;
class java/io/DataInput java/lang/Object
java/io/DataInput readFully([B)V
java/io/DataInput readFully([BII)V
java/io/DataInput skipBytes(I)I
java/io/DataInput readBoolean()Z
java/io/DataInput readByte()B
java/io/DataInput readUnsignedByte()I
java/io/DataInput readShort()S
java/io/DataInput readUnsignedShort()I

java/io/DataInput readChar()C
java/io/DataInput readInt()I
java/io/DataInput readLong()J
java/io/DataInput readFloat()F
java/io/DataInput readDouble()D
java/io/DataInput
readLine()Ljava/lang/String;
java/io/DataInput readUTF()Ljava/lang/String;
class java/util/jar/JarFile$JarFileEntry java/util/jar/JarEntry
java/util/jar/JarFile$JarFileEntry this$0
java/util/jar/JarFile$JarFileEntry <init>(Ljava/util/jar/JarFile;Ljava/util/zip/ZipEntry;)V
java/util/jar/JarFile$JarFileEntry getAttributes()Ljava/util/jar/Attributes;
java/util/jar/JarFile$JarFileEntry getCertificates()[Ljava/security/cert/Certificate;
java/util/jar/JarFile$JarFileEntry getCodeSigners()[Ljava/security/CodeSigner;
class java/util/jar/JarEntry java/util/zip/ZipEntry
java/util/jar/JarEntry attr
java/util/jar/JarEntry certs
java/util/jar/JarEntry signers
java/util/jar/JarEntry <init>(Ljava/lang/String;)V
java/util/jar/JarEntry <init>(Ljava/util/zip/ZipEntry;)V
java/util/jar/JarEntry <init>(Ljava/util/jar/JarEntry;)V
java/util/jar/JarEntry getAttributes()Ljava/util/jar/Attributes;
java/util/jar/JarEntry getCertificates()[Ljava/security/cert/Certificate;
java/util/jar/JarEntry getCodeSigners()[Ljava/security/CodeSigner;
class
java/util/zip/ZipEntry java/lang/Object
java/util/zip/ZipEntry name
java/util/zip/ZipEntry time
java/util/zip/ZipEntry crc
java/util/zip/ZipEntry size
java/util/zip/ZipEntry csize
java/util/zip/ZipEntry method
java/util/zip/ZipEntry extra
java/util/zip/ZipEntry comment
java/util/zip/ZipEntry flag
java/util/zip/ZipEntry version
java/util/zip/ZipEntry offset
java/util/zip/ZipEntry STORED
java/util/zip/ZipEntry DEFLATED
java/util/zip/ZipEntry initIDs()V
java/util/zip/ZipEntry <init>(Ljava/lang/String;)V
java/util/zip/ZipEntry <init>(Ljava/util/zip/ZipEntry;)V
java/util/zip/ZipEntry <init>(Ljava/lang/String;J)V
java/util/zip/ZipEntry initFields(J)V
java/util/zip/ZipEntry <init>(J)V
java/util/zip/ZipEntry getName()Ljava/lang/String;
java/util/zip/ZipEntry setTime(J)V
java/util/zip/ZipEntry getTime()J

java/util/zip/ZipEntry setSize(J)V
java/util/zip/ZipEntry getSize()J
java/util/zip/ZipEntry getCompressedSize()J
java/util/zip/ZipEntry setCompressedSize(J)V
java/util/zip/ZipEntry
 setCrc(J)V
java/util/zip/ZipEntry getCrc()J
java/util/zip/ZipEntry setMethod(I)V
java/util/zip/ZipEntry getMethod()I
java/util/zip/ZipEntry setExtra([B)V
java/util/zip/ZipEntry getExtra()[B
java/util/zip/ZipEntry setComment(Ljava/lang/String;)V
java/util/zip/ZipEntry getComment()Ljava/lang/String;
java/util/zip/ZipEntry isDirectory()Z
java/util/zip/ZipEntry toString()Ljava/lang/String;
java/util/zip/ZipEntry dosToJavaTime(J)J
java/util/zip/ZipEntry javaToDosTime(J)J
java/util/zip/ZipEntry hashCode()I
java/util/zip/ZipEntry clone()Ljava/lang/Object;
java/util/zip/ZipEntry <clinit>()V
class java/util/jar/JavaUtilJarAccessImpl java/lang/Object
java/util/jar/JavaUtilJarAccessImpl <init>()V
java/util/jar/JavaUtilJarAccessImpl jarFileHasClassPathAttribute(Ljava/util/jar/JarFile;)Z
class java/util/jar/JarFile java/util/zip/ZipFile
java/util/jar/JarFile manRef
java/util/jar/JarFile manEntry
java/util/jar/JarFile jv
java/util/jar/JarFile jvInitialized
java/util/jar/JarFile
 verify
java/util/jar/JarFile computedHasClassPathAttribute
java/util/jar/JarFile hasClassPathAttribute
java/util/jar/JarFile MANIFEST_NAME
java/util/jar/JarFile lastOcc
java/util/jar/JarFile optoSft
java/util/jar/JarFile src
java/util/jar/JarFile javaHome
java/util/jar/JarFile <init>(Ljava/lang/String;)V
java/util/jar/JarFile <init>(Ljava/lang/String;Z)V
java/util/jar/JarFile <init>(Ljava/io/File;)V
java/util/jar/JarFile <init>(Ljava/io/File;Z)V
java/util/jar/JarFile <init>(Ljava/io/File;ZI)V
java/util/jar/JarFile getManifest()Ljava/util/jar/Manifest;
java/util/jar/JarFile getManifestFromReference()Ljava/util/jar/Manifest;
java/util/jar/JarFile getMetaInfEntryNames()[Ljava/lang/String;
java/util/jar/JarFile getJarEntry(Ljava/lang/String;)Ljava/util/jar/JarEntry;
java/util/jar/JarFile getEntry(Ljava/lang/String;)Ljava/util/zip/ZipEntry;
java/util/jar/JarFile entries()Ljava/util/Enumeration;

java/util/jar/JarFile maybeInstantiateVerifier()V
java/util/jar/JarFile initializeVerifier()V
java/util/jar/JarFile
 getBytes(Ljava/util/zip/ZipEntry;)[B
java/util/jar/JarFile getInputStream(Ljava/util/zip/ZipEntry;)Ljava/io/InputStream;
java/util/jar/JarFile getManEntry()Ljava/util/jar/JarEntry;
java/util/jar/JarFile hasClassPathAttribute()Z
java/util/jar/JarFile isKnownToNotHaveClassPathAttribute()Z
java/util/jar/JarFile access$000(Ljava/util/jar/JarFile;)V
java/util/jar/JarFile access$100(Ljava/util/jar/JarFile;)Ljava/util/jar/JarVerifier;
java/util/jar/JarFile <clinit>()V
class java/util/zip/ZipFile java/lang/Object
java/util/zip/ZipFile jzfile
java/util/zip/ZipFile name
java/util/zip/ZipFile total
java/util/zip/ZipFile mappedBuffer
java/util/zip/ZipFile closer
java/util/zip/ZipFile mbUsed
java/util/zip/ZipFile closeRequested
java/util/zip/ZipFile STORED
java/util/zip/ZipFile DEFLATED
java/util/zip/ZipFile OPEN_READ
java/util/zip/ZipFile OPEN_DELETE
java/util/zip/ZipFile directByteBufferConstructor
java/util/zip/ZipFile inflaters
java/util/zip/ZipFile initIDs()V
java/util/zip/ZipFile
 <init>(Ljava/lang/String;)V
java/util/zip/ZipFile initDBBConstructor()V
java/util/zip/ZipFile newMappedByteBuffer(IJLjava/lang/Runnable;)Ljava/nio/MappedByteBuffer;
java/util/zip/ZipFile <init>(Ljava/io/File;I)V
java/util/zip/ZipFile open(Ljava/lang/String;IJ)J
java/util/zip/ZipFile getTotal(J)I
java/util/zip/ZipFile getMappedAddr(J)J
java/util/zip/ZipFile getMappedLen(J)J
java/util/zip/ZipFile <init>(Ljava/io/File;)V
java/util/zip/ZipFile getEntry(Ljava/lang/String;)Ljava/util/zip/ZipEntry;
java/util/zip/ZipFile getEntry(JLjava/lang/String;Z)J
java/util/zip/ZipFile freeEntry(JJ)V
java/util/zip/ZipFile getInputStream(Ljava/util/zip/ZipEntry;)Ljava/io/InputStream;
java/util/zip/ZipFile getInputStream(Ljava/lang/String;)Ljava/io/InputStream;
java/util/zip/ZipFile getMethod(J)I
java/util/zip/ZipFile getInflater()Ljava/util/zip/Inflater;
java/util/zip/ZipFile releaseInflater(Ljava/util/zip/Inflater;)V
java/util/zip/ZipFile getName()Ljava/lang/String;
java/util/zip/ZipFile
 entries()Ljava/util/Enumeration;
java/util/zip/ZipFile getNextEntry(JI)J

java/util/zip/ZipFile size()I
java/util/zip/ZipFile close()V
java/util/zip/ZipFile finalize()V
java/util/zip/ZipFile close(J)V
java/util/zip/ZipFile ensureOpen()V
java/util/zip/ZipFile ensureOpenOrZipException()V
java/util/zip/ZipFile read(JJJ[BII)I
java/util/zip/ZipFile getCSize(J)J
java/util/zip/ZipFile getSize(J)J
java/util/zip/ZipFile getEntryOffset(J)J
java/util/zip/ZipFile getZipMessage(J)Ljava/lang/String;
java/util/zip/ZipFile access$000(J)V
java/util/zip/ZipFile access$102(Ljava/lang/reflect/Constructor;)Ljava/lang/reflect/Constructor;
java/util/zip/ZipFile access$100()Ljava/lang/reflect/Constructor;
java/util/zip/ZipFile access$300(Ljava/util/zip/ZipFile;Ljava/util/zip/Inflater;)V
java/util/zip/ZipFile access$400(Ljava/util/zip/ZipFile;)V
java/util/zip/ZipFile access$500(Ljava/util/zip/ZipFile;)I
java/util/zip/ZipFile access$600(Ljava/util/zip/ZipFile;)J
java/util/zip/ZipFile access$700(JI)J
java/util/zip/ZipFile
access$800(Ljava/util/zip/ZipFile;)Z
java/util/zip/ZipFile access$900(J)Ljava/lang/String;
java/util/zip/ZipFile access$1000(Ljava/util/zip/ZipFile;)Ljava/lang/String;
java/util/zip/ZipFile access$1100(JJ)V
java/util/zip/ZipFile access$1200(J)J
java/util/zip/ZipFile access$1300(J)J
java/util/zip/ZipFile access$1400(Ljava/util/zip/ZipFile;)V
java/util/zip/ZipFile access$1500(JJJ[BII)I
java/util/zip/ZipFile access$1600(J)J
java/util/zip/ZipFile access$1700(Ljava/util/zip/ZipFile;)Ljava/nio/MappedByteBuffer;
java/util/zip/ZipFile access$1802(Ljava/util/zip/ZipFile;Z)Z
java/util/zip/ZipFile <clinit>()V
class java/util/zip/ZipConstants java/lang/Object
java/util/zip/ZipConstants LOCSIG
java/util/zip/ZipConstants EXTSIG
java/util/zip/ZipConstants CENSIG
java/util/zip/ZipConstants ENDSIG
java/util/zip/ZipConstants LOCHDR
java/util/zip/ZipConstants EXTHDR
java/util/zip/ZipConstants CENHDR
java/util/zip/ZipConstants ENDHDR
java/util/zip/ZipConstants LOCVER
java/util/zip/ZipConstants
LOCFLG
java/util/zip/ZipConstants LOCHOW
java/util/zip/ZipConstants LOCTIM
java/util/zip/ZipConstants LOCCRC
java/util/zip/ZipConstants LOCSIZ

java/util/zip/ZipConstants LOCLEN
java/util/zip/ZipConstants LOCNAM
java/util/zip/ZipConstants LOCEXT
java/util/zip/ZipConstants EXTCRC
java/util/zip/ZipConstants EXTSIZ
java/util/zip/ZipConstants EXTLEN
java/util/zip/ZipConstants CENVEM
java/util/zip/ZipConstants CENVER
java/util/zip/ZipConstants CENFLG
java/util/zip/ZipConstants CENHOW
java/util/zip/ZipConstants CENTIM
java/util/zip/ZipConstants CENCRC
java/util/zip/ZipConstants CENSIZ
java/util/zip/ZipConstants CENLEN
java/util/zip/ZipConstants CENNAM
java/util/zip/ZipConstants CENEXT
java/util/zip/ZipConstants CENCOM
java/util/zip/ZipConstants CENDSK
java/util/zip/ZipConstants CENATT
java/util/zip/ZipConstants CENATX
java/util/zip/ZipConstants CENOFF
java/util/zip/ZipConstants ENDSUB
java/util/zip/ZipConstants ENDTOT
java/util/zip/ZipConstants ENDSIZ
java/util/zip/ZipConstants ENDOFF
java/util/zip/ZipConstants
ENDCOM
class java/net/URLClassLoader$1 java/lang/Object
java/net/URLClassLoader$1 val$name
java/net/URLClassLoader$1 this$0
java/net/URLClassLoader$1 <init>(Ljava/net/URLClassLoader;Ljava/lang/String;)V
java/net/URLClassLoader$1 run()Ljava/lang/Object;
class java/lang/StringCoding$CharsetSD java/lang/StringCoding$StringDecoder
java/lang/StringCoding$CharsetSD cs
java/lang/StringCoding$CharsetSD cd
java/lang/StringCoding$CharsetSD <init>(Ljava/nio/charset/Charset;Ljava/lang/String;)V
java/lang/StringCoding$CharsetSD charsetName()Ljava/lang/String;
java/lang/StringCoding$CharsetSD decode([BII)[C
java/lang/StringCoding$CharsetSD
<init>(Ljava/nio/charset/Charset;Ljava/lang/String;Ljava/lang/StringCoding$1;)V
class java/lang/StringCoding$StringDecoder java/lang/Object
java/lang/StringCoding$StringDecoder requestedCharsetName
java/lang/StringCoding$StringDecoder <init>(Ljava/lang/String;)V
java/lang/StringCoding$StringDecoder requestedCharsetName()Ljava/lang/String;
java/lang/StringCoding$StringDecoder
charsetName()Ljava/lang/String;
java/lang/StringCoding$StringDecoder decode([BII)[C
class java/lang/ThreadLocal$ThreadLocalMap$Entry java/lang/ref/WeakReference

java/lang/ThreadLocal$ThreadLocalMap$Entry value
java/lang/ThreadLocal$ThreadLocalMap$Entry <init>(Ljava/lang/ThreadLocal;Ljava/lang/Object;)V
java/lang/ThreadLocal$ThreadLocalMap$Entry
<init>(Ljava/lang/ThreadLocal;Ljava/lang/Object;Ljava/lang/ThreadLocal$1;)V
java/lang/ThreadLocal$ThreadLocalMap$Entry
access$600(Ljava/lang/ThreadLocal$ThreadLocalMap$Entry;)Ljava/lang/Object;
java/lang/ThreadLocal$ThreadLocalMap$Entry
access$602(Ljava/lang/ThreadLocal$ThreadLocalMap$Entry;Ljava/lang/Object;)Ljava/lang/Object;
class java/lang/ThreadLocal$ThreadLocalMap java/lang/Object
java/lang/ThreadLocal$ThreadLocalMap INITIAL_CAPACITY
java/lang/ThreadLocal$ThreadLocalMap table
java/lang/ThreadLocal$ThreadLocalMap size
java/lang/ThreadLocal$ThreadLocalMap threshold
java/lang/ThreadLocal$ThreadLocalMap setThreshold(I)V
java/lang/ThreadLocal$ThreadLocalMap
nextIndex(II)I
java/lang/ThreadLocal$ThreadLocalMap prevIndex(II)I
java/lang/ThreadLocal$ThreadLocalMap <init>(Ljava/lang/ThreadLocal;Ljava/lang/Object;)V
java/lang/ThreadLocal$ThreadLocalMap <init>(Ljava/lang/ThreadLocal$ThreadLocalMap;)V
java/lang/ThreadLocal$ThreadLocalMap get(Ljava/lang/ThreadLocal;)Ljava/lang/Object;
java/lang/ThreadLocal$ThreadLocalMap
getAfterMiss(Ljava/lang/ThreadLocal;ILjava/lang/ThreadLocal$ThreadLocalMap$Entry;)Ljava/lang/Object;
java/lang/ThreadLocal$ThreadLocalMap set(Ljava/lang/ThreadLocal;Ljava/lang/Object;)V
java/lang/ThreadLocal$ThreadLocalMap remove(Ljava/lang/ThreadLocal;)V
java/lang/ThreadLocal$ThreadLocalMap
replaceStaleEntry(Ljava/lang/ThreadLocal;Ljava/lang/Object;IZ)Ljava/lang/Object;
java/lang/ThreadLocal$ThreadLocalMap expungeStaleEntry(I)I
java/lang/ThreadLocal$ThreadLocalMap cleanSomeSlots(II)Z
java/lang/ThreadLocal$ThreadLocalMap rehash()V
java/lang/ThreadLocal$ThreadLocalMap resize()V
java/lang/ThreadLocal$ThreadLocalMap
expungeStaleEntries()V
java/lang/ThreadLocal$ThreadLocalMap
access$000(Ljava/lang/ThreadLocal$ThreadLocalMap;Ljava/lang/ThreadLocal;)Ljava/lang/Object;
java/lang/ThreadLocal$ThreadLocalMap
access$100(Ljava/lang/ThreadLocal$ThreadLocalMap;Ljava/lang/ThreadLocal;Ljava/lang/Object;)V
java/lang/ThreadLocal$ThreadLocalMap
access$200(Ljava/lang/ThreadLocal$ThreadLocalMap;Ljava/lang/ThreadLocal;)V
java/lang/ThreadLocal$ThreadLocalMap
<init>(Ljava/lang/ThreadLocal$ThreadLocalMap;Ljava/lang/ThreadLocal$1;)V
class java/lang/StringCoding java/lang/Object
java/lang/StringCoding decoder
java/lang/StringCoding encoder
java/lang/StringCoding warnUnsupportedCharset
java/lang/StringCoding <init>()V
java/lang/StringCoding deref(Ljava/lang/ThreadLocal;)Ljava/lang/Object;
java/lang/StringCoding set(Ljava/lang/ThreadLocal;Ljava/lang/Object;)V
java/lang/StringCoding trim([BI)[B

java/lang/StringCoding trim([CI)[C
java/lang/StringCoding scale(IF)I
java/lang/StringCoding lookupCharset(Ljava/lang/String;)Ljava/nio/charset/Charset;
java/lang/StringCoding
warnUnsupportedCharset(Ljava/lang/String;)V
java/lang/StringCoding decode(Ljava/lang/String;[BII)[C
java/lang/StringCoding decode([BII)[C
java/lang/StringCoding encode(Ljava/lang/String;[CII)[B
java/lang/StringCoding encode([CII)[B
java/lang/StringCoding access$000(IF)I
java/lang/StringCoding access$100([CI)[C
java/lang/StringCoding access$400([BI)[B
java/lang/StringCoding <clinit>()V
class java/lang/SystemClassLoaderAction java/lang/Object
java/lang/SystemClassLoaderAction parent
java/lang/SystemClassLoaderAction <init>(Ljava/lang/ClassLoader;)V
java/lang/SystemClassLoaderAction run()Ljava/lang/Object;
class java/util/ArrayList java/util/AbstractList
java/util/ArrayList serialVersionUID
java/util/ArrayList elementData
java/util/ArrayList size
java/util/ArrayList <init>(I)V
java/util/ArrayList <init>()V
java/util/ArrayList <init>(Ljava/util/Collection;)V
java/util/ArrayList trimToSize()V
java/util/ArrayList ensureCapacity(I)V
java/util/ArrayList
size()I
java/util/ArrayList isEmpty()Z
java/util/ArrayList contains(Ljava/lang/Object;)Z
java/util/ArrayList indexOf(Ljava/lang/Object;)I
java/util/ArrayList lastIndexOf(Ljava/lang/Object;)I
java/util/ArrayList clone()Ljava/lang/Object;
java/util/ArrayList toArray()[Ljava/lang/Object;
java/util/ArrayList toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/ArrayList get(I)Ljava/lang/Object;
java/util/ArrayList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/ArrayList add(Ljava/lang/Object;)Z
java/util/ArrayList add(ILjava/lang/Object;)V
java/util/ArrayList remove(I)Ljava/lang/Object;
java/util/ArrayList remove(Ljava/lang/Object;)Z
java/util/ArrayList fastRemove(I)V
java/util/ArrayList clear()V
java/util/ArrayList addAll(Ljava/util/Collection;)Z
java/util/ArrayList addAll(ILjava/util/Collection;)Z
java/util/ArrayList removeRange(II)V
java/util/ArrayList RangeCheck(I)V
java/util/ArrayList writeObject(Ljava/io/ObjectOutputStream;)V

java/util/ArrayList
 readObject(Ljava/io/ObjectInputStream;)V
class java/util/HashSet java/util/AbstractSet
java/util/HashSet serialVersionUID
java/util/HashSet map
java/util/HashSet PRESENT
java/util/HashSet <init>()V
java/util/HashSet <init>(Ljava/util/Collection;)V
java/util/HashSet <init>(IF)V
java/util/HashSet <init>(I)V
java/util/HashSet <init>(IFZ)V
java/util/HashSet iterator()Ljava/util/Iterator;
java/util/HashSet size()I
java/util/HashSet isEmpty()Z
java/util/HashSet contains(Ljava/lang/Object;)Z
java/util/HashSet add(Ljava/lang/Object;)Z
java/util/HashSet remove(Ljava/lang/Object;)Z
java/util/HashSet clear()V
java/util/HashSet clone()Ljava/lang/Object;
java/util/HashSet writeObject(Ljava/io/ObjectOutputStream;)V
java/util/HashSet readObject(Ljava/io/ObjectInputStream;)V
java/util/HashSet <clinit>()V
class java/net/URLStreamHandler java/lang/Object
java/net/URLStreamHandler <init>()V
java/net/URLStreamHandler openConnection(Ljava/net/URL;)Ljava/net/URLConnection;
java/net/URLStreamHandler openConnection(Ljava/net/URL;Ljava/net/Proxy;)Ljava/net/URLConnection;
java/net/URLStreamHandler
 parseURL(Ljava/net/URL;Ljava/lang/String;II)V
java/net/URLStreamHandler getDefaultPort()I
java/net/URLStreamHandler equals(Ljava/net/URL;Ljava/net/URL;)Z
java/net/URLStreamHandler hashCode(Ljava/net/URL;)I
java/net/URLStreamHandler sameFile(Ljava/net/URL;Ljava/net/URL;)Z
java/net/URLStreamHandler getHostAddress(Ljava/net/URL;)Ljava/net/InetAddress;
java/net/URLStreamHandler hostsEqual(Ljava/net/URL;Ljava/net/URL;)Z
java/net/URLStreamHandler toExternalForm(Ljava/net/URL;)Ljava/lang/String;
java/net/URLStreamHandler
setURL(Ljava/net/URL;Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;Ljava/lang/String;
Ljava/lang/String;Ljava/lang/String;)V
java/net/URLStreamHandler
setURL(Ljava/net/URL;Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;)V
class java/net/Parts java/lang/Object
java/net/Parts path
java/net/Parts query
java/net/Parts ref
java/net/Parts
 <init>(Ljava/lang/String;)V
java/net/Parts getPath()Ljava/lang/String;
java/net/Parts getQuery()Ljava/lang/String;

java/net/Parts getRef()Ljava/lang/String;
class java/lang/CharacterDataLatin1 java/lang/Object
java/lang/CharacterDataLatin1 sharpsMap
java/lang/CharacterDataLatin1 A
java/lang/CharacterDataLatin1 A_DATA
java/lang/CharacterDataLatin1 $assertionsDisabled
java/lang/CharacterDataLatin1 <init>()V
java/lang/CharacterDataLatin1 getProperties(I)I
java/lang/CharacterDataLatin1 getType(I)I
java/lang/CharacterDataLatin1 isLowerCase(I)Z
java/lang/CharacterDataLatin1 isUpperCase(I)Z
java/lang/CharacterDataLatin1 isTitleCase(I)Z
java/lang/CharacterDataLatin1 isDigit(I)Z
java/lang/CharacterDataLatin1 isDefined(I)Z
java/lang/CharacterDataLatin1 isLetter(I)Z
java/lang/CharacterDataLatin1 isLetterOrDigit(I)Z
java/lang/CharacterDataLatin1 isSpaceChar(I)Z
java/lang/CharacterDataLatin1 isJavaIdentifierStart(I)Z
java/lang/CharacterDataLatin1 isJavaIdentifierPart(I)Z
java/lang/CharacterDataLatin1
 isUnicodeIdentifierStart(I)Z
java/lang/CharacterDataLatin1 isUnicodeIdentifierPart(I)Z
java/lang/CharacterDataLatin1 isIdentifierIgnorable(I)Z
java/lang/CharacterDataLatin1 toLowerCase(I)I
java/lang/CharacterDataLatin1 toUpperCase(I)I
java/lang/CharacterDataLatin1 toTitleCase(I)I
java/lang/CharacterDataLatin1 digit(II)I
java/lang/CharacterDataLatin1 getNumericValue(I)I
java/lang/CharacterDataLatin1 isWhitespace(I)Z
java/lang/CharacterDataLatin1 getDirectionality(I)B
java/lang/CharacterDataLatin1 isMirrored(I)Z
java/lang/CharacterDataLatin1 toUpperCaseEx(I)I
java/lang/CharacterDataLatin1 toUpperCaseCharArray(I)[C
java/lang/CharacterDataLatin1 <clinit>()V
class java/util/Locale java/lang/Object
java/util/Locale ENGLISH
java/util/Locale FRENCH
java/util/Locale GERMAN
java/util/Locale ITALIAN
java/util/Locale JAPANESE
java/util/Locale KOREAN
java/util/Locale CHINESE
java/util/Locale SIMPLIFIED_CHINESE
java/util/Locale TRADITIONAL_CHINESE
java/util/Locale FRANCE
java/util/Locale GERMANY
java/util/Locale

ITALY
java/util/Locale JAPAN
java/util/Locale KOREA
java/util/Locale CHINA
java/util/Locale PRC
java/util/Locale TAIWAN
java/util/Locale UK
java/util/Locale US
java/util/Locale CANADA
java/util/Locale CANADA_FRENCH
java/util/Locale serialVersionUID
java/util/Locale language
java/util/Locale country
java/util/Locale variant
java/util/Locale hashcode
java/util/Locale hashCodeValue
java/util/Locale defaultLocale
java/util/Locale isoLanguages
java/util/Locale compressedIsoLanguages
java/util/Locale isoCountries
java/util/Locale compressedIsoCountries
java/util/Locale <init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/util/Locale <init>(Ljava/lang/String;Ljava/lang/String;)V
java/util/Locale <init>(Ljava/lang/String;)V
java/util/Locale getDefault()Ljava/util/Locale;
java/util/Locale setDefault(Ljava/util/Locale;)V
java/util/Locale getAvailableLocales()[Ljava/util/Locale;
java/util/Locale getISOCountries()[Ljava/lang/String;
java/util/Locale getISOLanguages()[Ljava/lang/String;
java/util/Locale
getLanguage()Ljava/lang/String;
java/util/Locale getCountry()Ljava/lang/String;
java/util/Locale getVariant()Ljava/lang/String;
java/util/Locale toString()Ljava/lang/String;
java/util/Locale getISO3Language()Ljava/lang/String;
java/util/Locale getISO3Country()Ljava/lang/String;
java/util/Locale getDisplayLanguage()Ljava/lang/String;
java/util/Locale getDisplayLanguage(Ljava/util/Locale;)Ljava/lang/String;
java/util/Locale getDisplayCountry()Ljava/lang/String;
java/util/Locale getDisplayCountry(Ljava/util/Locale;)Ljava/lang/String;
java/util/Locale getDisplayVariant()Ljava/lang/String;
java/util/Locale getDisplayVariant(Ljava/util/Locale;)Ljava/lang/String;
java/util/Locale getDisplayName()Ljava/lang/String;
java/util/Locale getDisplayName(Ljava/util/Locale;)Ljava/lang/String;
java/util/Locale clone()Ljava/lang/Object;
java/util/Locale hashCode()I
java/util/Locale equals(Ljava/lang/Object;)Z
java/util/Locale getDisplayVariantArray(Ljava/util/ResourceBundle;)[Ljava/lang/String;

java/util/Locale
formatList([Ljava/lang/String;[Ljava/lang/String;)Ljava/lang/String;
java/util/Locale composeList(Ljava/text/MessageFormat;[Ljava/lang/String;)[Ljava/lang/String;
java/util/Locale readResolve()Ljava/lang/Object;
java/util/Locale toLowerCase(Ljava/lang/String;)Ljava/lang/String;
java/util/Locale toUpperCase(Ljava/lang/String;)Ljava/lang/String;
java/util/Locale findStringMatch([[Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/util/Locale convertOldISOCodes(Ljava/lang/String;)Ljava/lang/String;
java/util/Locale <clinit>()V
class java/net/URL java/lang/Object
java/net/URL serialVersionUID
java/net/URL protocolPathProp
java/net/URL protocol
java/net/URL host
java/net/URL port
java/net/URL file
java/net/URL query
java/net/URL authority
java/net/URL path
java/net/URL userInfo
java/net/URL ref
java/net/URL hostAddress
java/net/URL handler
java/net/URL hashCode
java/net/URL factory
java/net/URL handlers
java/net/URL
streamHandlerLock
java/net/URL <init>(Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;)V
java/net/URL <init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/net/URL <init>(Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;Ljava/net/URLStreamHandler;)V
java/net/URL <init>(Ljava/lang/String;)V
java/net/URL <init>(Ljava/net/URL;Ljava/lang/String;)V
java/net/URL <init>(Ljava/net/URL;Ljava/lang/String;Ljava/net/URLStreamHandler;)V
java/net/URL isValidProtocol(Ljava/lang/String;)Z
java/net/URL checkSpecifyHandler(Ljava/lang/SecurityManager;)V
java/net/URL set(Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;)V
java/net/URL
set(Ljava/lang/String;Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)V
java/net/URL getQuery()Ljava/lang/String;
java/net/URL getPath()Ljava/lang/String;
java/net/URL getUserInfo()Ljava/lang/String;
java/net/URL getAuthority()Ljava/lang/String;
java/net/URL getPort()I
java/net/URL
getDefaultPort()I
java/net/URL getProtocol()Ljava/lang/String;

java/net/URL getHost()Ljava/lang/String;
java/net/URL getFile()Ljava/lang/String;
java/net/URL getRef()Ljava/lang/String;
java/net/URL equals(Ljava/lang/Object;)Z
java/net/URL hashCode()I
java/net/URL sameFile(Ljava/net/URL;)Z
java/net/URL toString()Ljava/lang/String;
java/net/URL toExternalForm()Ljava/lang/String;
java/net/URL toURI()Ljava/net/URI;
java/net/URL openConnection()Ljava/net/URLConnection;
java/net/URL openConnection(Ljava/net/Proxy;)Ljava/net/URLConnection;
java/net/URL openStream()Ljava/io/InputStream;
java/net/URL getContent()Ljava/lang/Object;
java/net/URL getContent([Ljava/lang/Class;)Ljava/lang/Object;
java/net/URL setURLStreamHandlerFactory(Ljava/net/URLStreamHandlerFactory;)V
java/net/URL getURLStreamHandler(Ljava/lang/String;)Ljava/net/URLStreamHandler;
java/net/URL writeObject(Ljava/io/ObjectOutputStream;)V
java/net/URL readObject(Ljava/io/ObjectInputStream;)V
java/net/URL <clinit>()V
class
 java/util/BitSet java/lang/Object
java/util/BitSet ADDRESS_BITS_PER_UNIT
java/util/BitSet BITS_PER_UNIT
java/util/BitSet BIT_INDEX_MASK
java/util/BitSet WORD_MASK
java/util/BitSet bits
java/util/BitSet unitsInUse
java/util/BitSet serialVersionUID
java/util/BitSet trailingZeroTable
java/util/BitSet unitIndex(I)I
java/util/BitSet bit(I)J
java/util/BitSet recalculateUnitsInUse()V
java/util/BitSet <init>()V
java/util/BitSet <init>(I)V
java/util/BitSet ensureCapacity(I)V
java/util/BitSet flip(I)V
java/util/BitSet flip(II)V
java/util/BitSet bitsRightOf(I)J
java/util/BitSet bitsLeftOf(I)J
java/util/BitSet set(I)V
java/util/BitSet set(IZ)V
java/util/BitSet set(II)V
java/util/BitSet set(IIZ)V
java/util/BitSet clear(I)V
java/util/BitSet clear(II)V
java/util/BitSet clear()V
java/util/BitSet get(I)Z
java/util/BitSet get(II)Ljava/util/BitSet;

java/util/BitSet getBits(I)J
java/util/BitSet nextSetBit(I)I
java/util/BitSet trailingZeroCnt(J)I
java/util/BitSet nextClearBit(I)I
java/util/BitSet
 length()I
java/util/BitSet bitLen(I)I
java/util/BitSet isEmpty()Z
java/util/BitSet intersects(Ljava/util/BitSet;)Z
java/util/BitSet cardinality()I
java/util/BitSet bitCount(J)I
java/util/BitSet and(Ljava/util/BitSet;)V
java/util/BitSet or(Ljava/util/BitSet;)V
java/util/BitSet xor(Ljava/util/BitSet;)V
java/util/BitSet andNot(Ljava/util/BitSet;)V
java/util/BitSet hashCode()I
java/util/BitSet size()I
java/util/BitSet equals(Ljava/lang/Object;)Z
java/util/BitSet clone()Ljava/lang/Object;
java/util/BitSet readObject(Ljava/io/ObjectInputStream;)V
java/util/BitSet toString()Ljava/lang/String;
java/util/BitSet <clinit>()V
class java/security/PrivilegedExceptionAction java/lang/Object
java/security/PrivilegedExceptionAction run()Ljava/lang/Object;
class java/util/StringTokenizer java/lang/Object
java/util/StringTokenizer currentPosition
java/util/StringTokenizer newPosition
java/util/StringTokenizer maxPosition
java/util/StringTokenizer str
java/util/StringTokenizer delimiters
java/util/StringTokenizer
 retDelims
java/util/StringTokenizer delimsChanged
java/util/StringTokenizer maxDelimCodePoint
java/util/StringTokenizer hasSurrogates
java/util/StringTokenizer delimiterCodePoints
java/util/StringTokenizer setMaxDelimCodePoint()V
java/util/StringTokenizer <init>(Ljava/lang/String;Ljava/lang/String;Z)V
java/util/StringTokenizer <init>(Ljava/lang/String;Ljava/lang/String;)V
java/util/StringTokenizer <init>(Ljava/lang/String;)V
java/util/StringTokenizer skipDelimiters(I)I
java/util/StringTokenizer scanToken(I)I
java/util/StringTokenizer isDelimiter(I)Z
java/util/StringTokenizer hasMoreTokens()Z
java/util/StringTokenizer nextToken()Ljava/lang/String;
java/util/StringTokenizer nextToken(Ljava/lang/String;)Ljava/lang/String;
java/util/StringTokenizer hasMoreElements()Z
java/util/StringTokenizer nextElement()Ljava/lang/Object;

java/util/StringTokenizer countTokens()I
class java/net/URLClassLoader java/security/SecureClassLoader
java/net/URLClassLoader ucp
java/net/URLClassLoader acc
java/net/URLClassLoader
 <init>([Ljava/net/URL;Ljava/lang/ClassLoader;)V
java/net/URLClassLoader <init>([Ljava/net/URL;)V
java/net/URLClassLoader <init>([Ljava/net/URL;Ljava/lang/ClassLoader;Ljava/net/URLStreamHandlerFactory;)V
java/net/URLClassLoader addURL(Ljava/net/URL;)V
java/net/URLClassLoader getURLs()[Ljava/net/URL;
java/net/URLClassLoader findClass(Ljava/lang/String;)Ljava/lang/Class;
java/net/URLClassLoader defineClass(Ljava/lang/String;Lsun/misc/Resource;)Ljava/lang/Class;
java/net/URLClassLoader
definePackage(Ljava/lang/String;Ljava/util/jar/Manifest;Ljava/net/URL;)Ljava/lang/Package;
java/net/URLClassLoader isSealed(Ljava/lang/String;Ljava/util/jar/Manifest;)Z
java/net/URLClassLoader findResource(Ljava/lang/String;)Ljava/net/URL;
java/net/URLClassLoader findResources(Ljava/lang/String;)Ljava/util/Enumeration;
java/net/URLClassLoader getPermissions(Ljava/security/CodeSource;)Ljava/security/PermissionCollection;
java/net/URLClassLoader newInstance([Ljava/net/URL;Ljava/lang/ClassLoader;)Ljava/net/URLClassLoader;
java/net/URLClassLoader
 newInstance([Ljava/net/URL;)Ljava/net/URLClassLoader;
java/net/URLClassLoader access$000(Ljava/net/URLClassLoader;)Lsun/misc/URLClassPath;
java/net/URLClassLoader
access$100(Ljava/net/URLClassLoader;Ljava/lang/String;Lsun/misc/Resource;)Ljava/lang/Class;
java/net/URLClassLoader access$200(Ljava/net/URLClassLoader;)Ljava/security/AccessControlContext;
class java/security/SecureClassLoader java/lang/ClassLoader
java/security/SecureClassLoader initialized
java/security/SecureClassLoader pdcache
java/security/SecureClassLoader debug
java/security/SecureClassLoader <init>(Ljava/lang/ClassLoader;)V
java/security/SecureClassLoader <init>()V
java/security/SecureClassLoader defineClass(Ljava/lang/String;[BIILjava/security/CodeSource;)Ljava/lang/Class;
java/security/SecureClassLoader
defineClass(Ljava/lang/String;Ljava/nio/ByteBuffer;Ljava/security/CodeSource;)Ljava/lang/Class;
java/security/SecureClassLoader getPermissions(Ljava/security/CodeSource;)Ljava/security/PermissionCollection;
java/security/SecureClassLoader
 getProtectionDomain(Ljava/security/CodeSource;)Ljava/security/ProtectionDomain;
java/security/SecureClassLoader check()V
java/security/SecureClassLoader <clinit>()V
class java/net/URLStreamHandlerFactory java/lang/Object
java/net/URLStreamHandlerFactory createURLStreamHandler(Ljava/lang/String;)Ljava/net/URLStreamHandler;
class java/lang/Compiler$1 java/lang/Object
java/lang/Compiler$1 <init>()V
java/lang/Compiler$1 run()Ljava/lang/Object;
class java/lang/Compiler java/lang/Object
java/lang/Compiler <init>()V
java/lang/Compiler initialize()V
java/lang/Compiler registerNatives()V

java/lang/Compiler compileClass(Ljava/lang/Class;)Z
java/lang/Compiler compileClasses(Ljava/lang/String;)Z
java/lang/Compiler command(Ljava/lang/Object;)Ljava/lang/Object;
java/lang/Compiler enable()V
java/lang/Compiler disable()V
java/lang/Compiler access$000()V
java/lang/Compiler <clinit>()V
class java/lang/System$2 java/lang/Object
java/lang/System$2
 <init>()V
java/lang/System$2 getConstantPool(Ljava/lang/Class;)Lsun/reflect/ConstantPool;
java/lang/System$2 setAnnotationType(Ljava/lang/Class;Lsun/reflect/annotation/AnnotationType;)V
java/lang/System$2 getAnnotationType(Ljava/lang/Class;)Lsun/reflect/annotation/AnnotationType;
java/lang/System$2 blockedOn(Ljava/lang/Thread;Lsun/nio/ch/Interruptible;)V
class java/lang/Terminator$1 java/lang/Object
java/lang/Terminator$1 <init>()V
java/lang/Terminator$1 handle(Lsun/misc/Signal;)V
class java/lang/Terminator java/lang/Object
java/lang/Terminator handler
java/lang/Terminator <init>()V
java/lang/Terminator setup()V
java/lang/Terminator teardown()V
java/lang/Terminator <clinit>()V
class java/lang/ClassLoader$NativeLibrary java/lang/Object
java/lang/ClassLoader$NativeLibrary handle
java/lang/ClassLoader$NativeLibrary jniVersion
java/lang/ClassLoader$NativeLibrary fromClass
java/lang/ClassLoader$NativeLibrary name
java/lang/ClassLoader$NativeLibrary load(Ljava/lang/String;)V
java/lang/ClassLoader$NativeLibrary
 find(Ljava/lang/String;)J
java/lang/ClassLoader$NativeLibrary unload()V
java/lang/ClassLoader$NativeLibrary <init>(Ljava/lang/Class;Ljava/lang/String;)V
java/lang/ClassLoader$NativeLibrary finalize()V
java/lang/ClassLoader$NativeLibrary getFromClass()Ljava/lang/Class;
java/lang/ClassLoader$NativeLibrary access$200(Ljava/lang/ClassLoader$NativeLibrary;)Ljava/lang/Class;
class java/io/ExpiringCache$Entry java/lang/Object
java/io/ExpiringCache$Entry timestamp
java/io/ExpiringCache$Entry val
java/io/ExpiringCache$Entry <init>(JLjava/lang/String;)V
java/io/ExpiringCache$Entry timestamp()J
java/io/ExpiringCache$Entry setTimestamp(J)V
java/io/ExpiringCache$Entry val()Ljava/lang/String;
java/io/ExpiringCache$Entry setVal(Ljava/lang/String;)V
class java/lang/ClassLoader$3 java/lang/Object
java/lang/ClassLoader$3 val$file
java/lang/ClassLoader$3 <init>(Ljava/io/File;)V
java/lang/ClassLoader$3 run()Ljava/lang/Object;

class java/util/LinkedHashMap$Entry
java/util/HashMap$Entry
java/util/LinkedHashMap$Entry before
java/util/LinkedHashMap$Entry after
java/util/LinkedHashMap$Entry <init>(ILjava/lang/Object;Ljava/lang/Object;Ljava/util/HashMap$Entry;)V
java/util/LinkedHashMap$Entry remove()V
java/util/LinkedHashMap$Entry addBefore(Ljava/util/LinkedHashMap$Entry;)V
java/util/LinkedHashMap$Entry recordAccess(Ljava/util/HashMap;)V
java/util/LinkedHashMap$Entry recordRemoval(Ljava/util/HashMap;)V
java/util/LinkedHashMap$Entry
access$600(Ljava/util/LinkedHashMap$Entry;Ljava/util/LinkedHashMap$Entry;)V
class java/io/ExpiringCache$1 java/util/LinkedHashMap
java/io/ExpiringCache$1 this$0
java/io/ExpiringCache$1 <init>(Ljava/io/ExpiringCache;)V
java/io/ExpiringCache$1 removeEldestEntry(Ljava/util/Map$Entry;)Z
class java/util/LinkedHashMap java/util/HashMap
java/util/LinkedHashMap serialVersionUID
java/util/LinkedHashMap header
java/util/LinkedHashMap accessOrder
java/util/LinkedHashMap <init>(IF)V
java/util/LinkedHashMap <init>(I)V
java/util/LinkedHashMap
<init>()V
java/util/LinkedHashMap <init>(Ljava/util/Map;)V
java/util/LinkedHashMap <init>(IFZ)V
java/util/LinkedHashMap init()V
java/util/LinkedHashMap transfer([Ljava/util/HashMap$Entry;)V
java/util/LinkedHashMap containsValue(Ljava/lang/Object;)Z
java/util/LinkedHashMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/LinkedHashMap clear()V
java/util/LinkedHashMap newKeyIterator()Ljava/util/Iterator;
java/util/LinkedHashMap newValueIterator()Ljava/util/Iterator;
java/util/LinkedHashMap newEntryIterator()Ljava/util/Iterator;
java/util/LinkedHashMap addEntry(ILjava/lang/Object;Ljava/lang/Object;I)V
java/util/LinkedHashMap createEntry(ILjava/lang/Object;Ljava/lang/Object;I)V
java/util/LinkedHashMap removeEldestEntry(Ljava/util/Map$Entry;)Z
java/util/LinkedHashMap access$000(Ljava/util/LinkedHashMap;)Z
java/util/LinkedHashMap access$100(Ljava/util/LinkedHashMap;)Ljava/util/LinkedHashMap$Entry;
class java/io/ExpiringCache java/lang/Object
java/io/ExpiringCache millisUntilExpiration
java/io/ExpiringCache
map
java/io/ExpiringCache queryCount
java/io/ExpiringCache queryOverflow
java/io/ExpiringCache MAX_ENTRIES
java/io/ExpiringCache <init>()V
java/io/ExpiringCache <init>(J)V
java/io/ExpiringCache get(Ljava/lang/String;)Ljava/lang/String;

java/io/ExpiringCache put(Ljava/lang/String;Ljava/lang/String;)V
java/io/ExpiringCache clear()V
java/io/ExpiringCache entryFor(Ljava/lang/String;)Ljava/io/ExpiringCache$Entry;
java/io/ExpiringCache cleanup()V
java/io/ExpiringCache access$000(Ljava/io/ExpiringCache;)I
class java/io/WinNTFileSystem java/io/Win32FileSystem
java/io/WinNTFileSystem <init>()V
java/io/WinNTFileSystem canonicalize0(Ljava/lang/String;)Ljava/lang/String;
java/io/WinNTFileSystem canonicalizeWithPrefix0(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/io/WinNTFileSystem getBooleanAttributes(Ljava/io/File;)I
java/io/WinNTFileSystem checkAccess(Ljava/io/File;Z)Z
java/io/WinNTFileSystem getLastModifiedTime(Ljava/io/File;)J
java/io/WinNTFileSystem
getLength(Ljava/io/File;)J
java/io/WinNTFileSystem createFileExclusively(Ljava/lang/String;)Z
java/io/WinNTFileSystem delete0(Ljava/io/File;)Z
java/io/WinNTFileSystem deleteOnExit(Ljava/io/File;)Z
java/io/WinNTFileSystem list(Ljava/io/File;)[Ljava/lang/String;
java/io/WinNTFileSystem createDirectory(Ljava/io/File;)Z
java/io/WinNTFileSystem rename0(Ljava/io/File;Ljava/io/File;)Z
java/io/WinNTFileSystem setLastModifiedTime(Ljava/io/File;J)Z
java/io/WinNTFileSystem setReadOnly(Ljava/io/File;)Z
java/io/WinNTFileSystem getDriveDirectory(I)Ljava/lang/String;
java/io/WinNTFileSystem initIDs()V
java/io/WinNTFileSystem <clinit>()V
class java/io/Win32FileSystem java/io/FileSystem
java/io/Win32FileSystem slash
java/io/Win32FileSystem altSlash
java/io/Win32FileSystem semicolon
java/io/Win32FileSystem driveDirCache
java/io/Win32FileSystem cache
java/io/Win32FileSystem prefixCache
java/io/Win32FileSystem $assertionsDisabled
java/io/Win32FileSystem <init>()V
java/io/Win32FileSystem isSlash(C)Z
java/io/Win32FileSystem
isLetter(C)Z
java/io/Win32FileSystem slashify(Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem getSeparator()C
java/io/Win32FileSystem getPathSeparator()C
java/io/Win32FileSystem normalizePrefix(Ljava/lang/String;ILjava/lang/StringBuffer;)I
java/io/Win32FileSystem normalize(Ljava/lang/String;II)Ljava/lang/String;
java/io/Win32FileSystem normalize(Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem prefixLength(Ljava/lang/String;)I
java/io/Win32FileSystem resolve(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem getDefaultParent()Ljava/lang/String;
java/io/Win32FileSystem fromURIPath(Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem isAbsolute(Ljava/io/File;)Z

java/io/Win32FileSystem getDriveDirectory(I)Ljava/lang/String;
java/io/Win32FileSystem driveIndex(C)I
java/io/Win32FileSystem getDriveDirectory(C)Ljava/lang/String;
java/io/Win32FileSystem getUserPath()Ljava/lang/String;
java/io/Win32FileSystem
getDrive(Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem resolve(Ljava/io/File;)Ljava/lang/String;
java/io/Win32FileSystem canonicalize(Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem canonicalize0(Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem canonicalizeWithPrefix(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem canonicalizeWithPrefix0(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem parentOrNull(Ljava/lang/String;)Ljava/lang/String;
java/io/Win32FileSystem getBooleanAttributes(Ljava/io/File;)I
java/io/Win32FileSystem checkAccess(Ljava/io/File;Z)Z
java/io/Win32FileSystem getLastModifiedTime(Ljava/io/File;)J
java/io/Win32FileSystem getLength(Ljava/io/File;)J
java/io/Win32FileSystem createFileExclusively(Ljava/lang/String;)Z
java/io/Win32FileSystem delete(Ljava/io/File;)Z
java/io/Win32FileSystem delete0(Ljava/io/File;)Z
java/io/Win32FileSystem deleteOnExit(Ljava/io/File;)Z
java/io/Win32FileSystem
list(Ljava/io/File;)[Ljava/lang/String;
java/io/Win32FileSystem createDirectory(Ljava/io/File;)Z
java/io/Win32FileSystem rename(Ljava/io/File;Ljava/io/File;)Z
java/io/Win32FileSystem rename0(Ljava/io/File;Ljava/io/File;)Z
java/io/Win32FileSystem setLastModifiedTime(Ljava/io/File;J)Z
java/io/Win32FileSystem setReadOnly(Ljava/io/File;)Z
java/io/Win32FileSystem access(Ljava/lang/String;)Z
java/io/Win32FileSystem listRoots0()I
java/io/Win32FileSystem listRoots()[Ljava/io/File;
java/io/Win32FileSystem compare(Ljava/io/File;Ljava/io/File;)I
java/io/Win32FileSystem hashCode(Ljava/io/File;)I
java/io/Win32FileSystem initIDs()V
java/io/Win32FileSystem <clinit>()V
class java/io/FileSystem java/lang/Object
java/io/FileSystem BA_EXISTS
java/io/FileSystem BA_REGULAR
java/io/FileSystem BA_DIRECTORY
java/io/FileSystem BA_HIDDEN
java/io/FileSystem useCanonCaches
java/io/FileSystem useCanonPrefixCache
java/io/FileSystem <init>()V
java/io/FileSystem getFileSystem()Ljava/io/FileSystem;
java/io/FileSystem
getSeparator()C
java/io/FileSystem getPathSeparator()C
java/io/FileSystem normalize(Ljava/lang/String;)Ljava/lang/String;
java/io/FileSystem prefixLength(Ljava/lang/String;)I

java/io/FileSystem resolve(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/io/FileSystem getDefaultParent()Ljava/lang/String;
java/io/FileSystem fromURIPath(Ljava/lang/String;)Ljava/lang/String;
java/io/FileSystem isAbsolute(Ljava/io/File;)Z
java/io/FileSystem resolve(Ljava/io/File;)Ljava/lang/String;
java/io/FileSystem canonicalize(Ljava/lang/String;)Ljava/lang/String;
java/io/FileSystem getBooleanAttributes(Ljava/io/File;)I
java/io/FileSystem checkAccess(Ljava/io/File;Z)Z
java/io/FileSystem getLastModifiedTime(Ljava/io/File;)J
java/io/FileSystem getLength(Ljava/io/File;)J
java/io/FileSystem createFileExclusively(Ljava/lang/String;)Z
java/io/FileSystem delete(Ljava/io/File;)Z
java/io/FileSystem deleteOnExit(Ljava/io/File;)Z
java/io/FileSystem list(Ljava/io/File;)[Ljava/lang/String;
java/io/FileSystem
createDirectory(Ljava/io/File;)Z
java/io/FileSystem rename(Ljava/io/File;Ljava/io/File;)Z
java/io/FileSystem setLastModifiedTime(Ljava/io/File;J)Z
java/io/FileSystem setReadOnly(Ljava/io/File;)Z
java/io/FileSystem listRoots()[Ljava/io/File;
java/io/FileSystem compare(Ljava/io/File;Ljava/io/File;)I
java/io/FileSystem hashCode(Ljava/io/File;)I
java/io/FileSystem getBooleanProperty(Ljava/lang/String;Z)Z
java/io/FileSystem <clinit>()V
class java/io/File java/lang/Object
java/io/File fs
java/io/File path
java/io/File prefixLength
java/io/File separatorChar
java/io/File separator
java/io/File pathSeparatorChar
java/io/File pathSeparator
java/io/File tmpFileLock
java/io/File counter
java/io/File tmpdir
java/io/File serialVersionUID
java/io/File $assertionsDisabled
java/io/File getPrefixLength()I
java/io/File <init>(Ljava/lang/String;I)V
java/io/File <init>(Ljava/lang/String;Ljava/io/File;)V
java/io/File <init>(Ljava/lang/String;)V
java/io/File <init>(Ljava/lang/String;Ljava/lang/String;)V
java/io/File
<init>(Ljava/io/File;Ljava/lang/String;)V
java/io/File <init>(Ljava/net/URI;)V
java/io/File getName()Ljava/lang/String;
java/io/File getParent()Ljava/lang/String;
java/io/File getParentFile()Ljava/io/File;

java/io/File getPath()Ljava/lang/String;
java/io/File isAbsolute()Z
java/io/File getAbsolutePath()Ljava/lang/String;
java/io/File getAbsoluteFile()Ljava/io/File;
java/io/File getCanonicalPath()Ljava/lang/String;
java/io/File getCanonicalFile()Ljava/io/File;
java/io/File slashify(Ljava/lang/String;Z)Ljava/lang/String;
java/io/File toURL()Ljava/net/URL;
java/io/File toURI()Ljava/net/URI;
java/io/File canRead()Z
java/io/File canWrite()Z
java/io/File exists()Z
java/io/File isDirectory()Z
java/io/File isFile()Z
java/io/File isHidden()Z
java/io/File lastModified()J
java/io/File length()J
java/io/File createNewFile()Z
java/io/File delete()Z
java/io/File deleteOnExit()V
java/io/File list()[Ljava/lang/String;
java/io/File list(Ljava/io/FilenameFilter;)[Ljava/lang/String;
java/io/File
listFiles()[Ljava/io/File;
java/io/File listFiles(Ljava/io/FilenameFilter;)[Ljava/io/File;
java/io/File listFiles(Ljava/io/FileFilter;)[Ljava/io/File;
java/io/File mkdir()Z
java/io/File mkdirs()Z
java/io/File renameTo(Ljava/io/File;)Z
java/io/File setLastModified(J)Z
java/io/File setReadOnly()Z
java/io/File listRoots()[Ljava/io/File;
java/io/File generateFile(Ljava/lang/String;Ljava/lang/String;Ljava/io/File;)Ljava/io/File;
java/io/File getTempDir()Ljava/lang/String;
java/io/File checkAndCreate(Ljava/lang/String;Ljava/lang/SecurityManager;)Z
java/io/File createTempFile(Ljava/lang/String;Ljava/lang/String;Ljava/io/File;)Ljava/io/File;
java/io/File createTempFile(Ljava/lang/String;Ljava/lang/String;)Ljava/io/File;
java/io/File compareTo(Ljava/io/File;)I
java/io/File equals(Ljava/lang/Object;)Z
java/io/File hashCode()I
java/io/File toString()Ljava/lang/String;
java/io/File writeObject(Ljava/io/ObjectOutputStream;)V
java/io/File readObject(Ljava/io/ObjectInputStream;)V
java/io/File
compareTo(Ljava/lang/Object;)I
java/io/File <clinit>()V
class java/io/BufferedWriter java/io/Writer
java/io/BufferedWriter out

java/io/BufferedWriter cb
java/io/BufferedWriter nChars
java/io/BufferedWriter nextChar
java/io/BufferedWriter defaultCharBufferSize
java/io/BufferedWriter lineSeparator
java/io/BufferedWriter <init>(Ljava/io/Writer;)V
java/io/BufferedWriter <init>(Ljava/io/Writer;I)V
java/io/BufferedWriter ensureOpen()V
java/io/BufferedWriter flushBuffer()V
java/io/BufferedWriter write(I)V
java/io/BufferedWriter min(II)I
java/io/BufferedWriter write([CII)V
java/io/BufferedWriter write(Ljava/lang/String;II)V
java/io/BufferedWriter newLine()V
java/io/BufferedWriter flush()V
java/io/BufferedWriter close()V
java/io/BufferedWriter <clinit>()V
class java/nio/charset/CoderResult$2 java/nio/charset/CoderResult$Cache
java/nio/charset/CoderResult$2 <init>()V
java/nio/charset/CoderResult$2 create(I)Ljava/nio/charset/CoderResult;
class java/nio/charset/CoderResult$1 java/nio/charset/CoderResult$Cache
java/nio/charset/CoderResult$1
 <init>()V
java/nio/charset/CoderResult$1 create(I)Ljava/nio/charset/CoderResult;
class java/nio/charset/CoderResult$Cache java/lang/Object
java/nio/charset/CoderResult$Cache cache
java/nio/charset/CoderResult$Cache <init>()V
java/nio/charset/CoderResult$Cache create(I)Ljava/nio/charset/CoderResult;
java/nio/charset/CoderResult$Cache get(I)Ljava/nio/charset/CoderResult;
java/nio/charset/CoderResult$Cache <init>(Ljava/nio/charset/CoderResult$1;)V
java/nio/charset/CoderResult$Cache
access$200(Ljava/nio/charset/CoderResult$Cache;I)Ljava/nio/charset/CoderResult;
class java/nio/charset/CoderResult java/lang/Object
java/nio/charset/CoderResult CR_UNDERFLOW
java/nio/charset/CoderResult CR_OVERFLOW
java/nio/charset/CoderResult CR_ERROR_MIN
java/nio/charset/CoderResult CR_MALFORMED
java/nio/charset/CoderResult CR_UNMAPPABLE
java/nio/charset/CoderResult names
java/nio/charset/CoderResult type
java/nio/charset/CoderResult length
java/nio/charset/CoderResult
 UNDERFLOW
java/nio/charset/CoderResult OVERFLOW
java/nio/charset/CoderResult malformedCache
java/nio/charset/CoderResult unmappableCache
java/nio/charset/CoderResult $assertionsDisabled
java/nio/charset/CoderResult <init>(II)V

java/nio/charset/CoderResult toString()Ljava/lang/String;
java/nio/charset/CoderResult isUnderflow()Z
java/nio/charset/CoderResult isOverflow()Z
java/nio/charset/CoderResult isError()Z
java/nio/charset/CoderResult isMalformed()Z
java/nio/charset/CoderResult isUnmappable()Z
java/nio/charset/CoderResult length()I
java/nio/charset/CoderResult malformedForLength(I)Ljava/nio/charset/CoderResult;
java/nio/charset/CoderResult unmappableForLength(I)Ljava/nio/charset/CoderResult;
java/nio/charset/CoderResult throwException()V
java/nio/charset/CoderResult <init>(IILjava/nio/charset/CoderResult$1;)V
java/nio/charset/CoderResult <clinit>()V
class java/nio/HeapCharBuffer java/nio/CharBuffer
java/nio/HeapCharBuffer <init>(II)V
java/nio/HeapCharBuffer <init>([CII)V
java/nio/HeapCharBuffer
 <init>([CIIIII)V
java/nio/HeapCharBuffer slice()Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer duplicate()Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer ix(I)I
java/nio/HeapCharBuffer get()C
java/nio/HeapCharBuffer get(I)C
java/nio/HeapCharBuffer get([CII)Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer isDirect()Z
java/nio/HeapCharBuffer isReadOnly()Z
java/nio/HeapCharBuffer put(C)Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer put(IC)Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer put([CII)Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer put(Ljava/nio/CharBuffer;)Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer compact()Ljava/nio/CharBuffer;
java/nio/HeapCharBuffer toString(II)Ljava/lang/String;
java/nio/HeapCharBuffer subSequence(II)Ljava/lang/CharSequence;
java/nio/HeapCharBuffer order()Ljava/nio/ByteOrder;
class java/nio/CharBuffer java/nio/Buffer
java/nio/CharBuffer hb
java/nio/CharBuffer offset
java/nio/CharBuffer
 isReadOnly
java/nio/CharBuffer <init>(IIII[CI)V
java/nio/CharBuffer <init>(IIII)V
java/nio/CharBuffer allocate(I)Ljava/nio/CharBuffer;
java/nio/CharBuffer wrap([CII)Ljava/nio/CharBuffer;
java/nio/CharBuffer wrap([C)Ljava/nio/CharBuffer;
java/nio/CharBuffer read(Ljava/nio/CharBuffer;)I
java/nio/CharBuffer wrap(Ljava/lang/CharSequence;II)Ljava/nio/CharBuffer;
java/nio/CharBuffer wrap(Ljava/lang/CharSequence;)Ljava/nio/CharBuffer;
java/nio/CharBuffer slice()Ljava/nio/CharBuffer;

java/nio/CharBuffer duplicate()Ljava/nio/CharBuffer;
java/nio/CharBuffer asReadOnlyBuffer()Ljava/nio/CharBuffer;
java/nio/CharBuffer get()C
java/nio/CharBuffer put(C)Ljava/nio/CharBuffer;
java/nio/CharBuffer get(I)C
java/nio/CharBuffer put(IC)Ljava/nio/CharBuffer;
java/nio/CharBuffer get([CII)Ljava/nio/CharBuffer;
java/nio/CharBuffer get([C)Ljava/nio/CharBuffer;
java/nio/CharBuffer put(Ljava/nio/CharBuffer;)Ljava/nio/CharBuffer;
java/nio/CharBuffer put([CII)Ljava/nio/CharBuffer;
java/nio/CharBuffer put([C)Ljava/nio/CharBuffer;
java/nio/CharBuffer
put(Ljava/lang/String;II)Ljava/nio/CharBuffer;
java/nio/CharBuffer put(Ljava/lang/String;)Ljava/nio/CharBuffer;
java/nio/CharBuffer hasArray()Z
java/nio/CharBuffer array()[C
java/nio/CharBuffer arrayOffset()I
java/nio/CharBuffer compact()Ljava/nio/CharBuffer;
java/nio/CharBuffer isDirect()Z
java/nio/CharBuffer hashCode()I
java/nio/CharBuffer equals(Ljava/lang/Object;)Z
java/nio/CharBuffer compareTo(Ljava/nio/CharBuffer;)I
java/nio/CharBuffer toString()Ljava/lang/String;
java/nio/CharBuffer toString(II)Ljava/lang/String;
java/nio/CharBuffer length()I
java/nio/CharBuffer charAt(I)C
java/nio/CharBuffer subSequence(II)Ljava/lang/CharSequence;
java/nio/CharBuffer append(Ljava/lang/CharSequence;)Ljava/nio/CharBuffer;
java/nio/CharBuffer append(Ljava/lang/CharSequence;II)Ljava/nio/CharBuffer;
java/nio/CharBuffer append(C)Ljava/nio/CharBuffer;
java/nio/CharBuffer order()Ljava/nio/ByteOrder;
java/nio/CharBuffer compareTo(Ljava/lang/Object;)I
java/nio/CharBuffer
append(C)Ljava/lang/Appendable;
java/nio/CharBuffer append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/nio/CharBuffer append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
class java/lang/Readable java/lang/Object
java/lang/Readable read(Ljava/nio/CharBuffer;)I
class java/nio/ByteOrder java/lang/Object
java/nio/ByteOrder name
java/nio/ByteOrder BIG_ENDIAN
java/nio/ByteOrder LITTLE_ENDIAN
java/nio/ByteOrder <init>(Ljava/lang/String;)V
java/nio/ByteOrder nativeOrder()Ljava/nio/ByteOrder;
java/nio/ByteOrder toString()Ljava/lang/String;
java/nio/ByteOrder <clinit>()V
class java/lang/Runtime java/lang/Object
java/lang/Runtime currentRuntime

java/lang/Runtime getRuntime()Ljava/lang/Runtime;
java/lang/Runtime <init>()V
java/lang/Runtime exit(I)V
java/lang/Runtime addShutdownHook(Ljava/lang/Thread;)V
java/lang/Runtime removeShutdownHook(Ljava/lang/Thread;)Z
java/lang/Runtime halt(I)V
java/lang/Runtime runFinalizersOnExit(Z)V
java/lang/Runtime exec(Ljava/lang/String;)Ljava/lang/Process;
java/lang/Runtime
exec(Ljava/lang/String;[Ljava/lang/String;)Ljava/lang/Process;
java/lang/Runtime exec(Ljava/lang/String;[Ljava/lang/String;Ljava/io/File;)Ljava/lang/Process;
java/lang/Runtime exec([Ljava/lang/String;)Ljava/lang/Process;
java/lang/Runtime exec([Ljava/lang/String;[Ljava/lang/String;)Ljava/lang/Process;
java/lang/Runtime exec([Ljava/lang/String;[Ljava/lang/String;Ljava/io/File;)Ljava/lang/Process;
java/lang/Runtime availableProcessors()I
java/lang/Runtime freeMemory()J
java/lang/Runtime totalMemory()J
java/lang/Runtime maxMemory()J
java/lang/Runtime gc()V
java/lang/Runtime runFinalization0()V
java/lang/Runtime runFinalization()V
java/lang/Runtime traceInstructions(Z)V
java/lang/Runtime traceMethodCalls(Z)V
java/lang/Runtime load(Ljava/lang/String;)V
java/lang/Runtime load0(Ljava/lang/Class;Ljava/lang/String;)V
java/lang/Runtime loadLibrary(Ljava/lang/String;)V
java/lang/Runtime loadLibrary0(Ljava/lang/Class;Ljava/lang/String;)V
java/lang/Runtime getLocalizedInputStream(Ljava/io/InputStream;)Ljava/io/InputStream;
java/lang/Runtime
getLocalizedOutputStream(Ljava/io/OutputStream;)Ljava/io/OutputStream;
java/lang/Runtime <clinit>()V
class java/nio/Bits java/lang/Object
java/nio/Bits unsafe
java/nio/Bits byteOrder
java/nio/Bits pageSize
java/nio/Bits unaligned
java/nio/Bits unalignedKnown
java/nio/Bits maxMemory
java/nio/Bits reservedMemory
java/nio/Bits memoryLimitSet
java/nio/Bits JNI_COPY_TO_ARRAY_THRESHOLD
java/nio/Bits JNI_COPY_FROM_ARRAY_THRESHOLD
java/nio/Bits $assertionsDisabled
java/nio/Bits <init>()V
java/nio/Bits swap(S)S
java/nio/Bits swap(C)C
java/nio/Bits swap(I)I
java/nio/Bits swap(J)J

java/nio/Bits makeChar(BB)C
java/nio/Bits getCharL(Ljava/nio/ByteBuffer;I)C
java/nio/Bits getCharL(J)C
java/nio/Bits getCharB(Ljava/nio/ByteBuffer;I)C
java/nio/Bits getCharB(J)C
java/nio/Bits getChar(Ljava/nio/ByteBuffer;IZ)C
java/nio/Bits getChar(JZ)C
java/nio/Bits char1(C)B
java/nio/Bits char0(C)B
java/nio/Bits putCharL(Ljava/nio/ByteBuffer;IC)V
java/nio/Bits
putCharL(JC)V
java/nio/Bits putCharB(Ljava/nio/ByteBuffer;IC)V
java/nio/Bits putCharB(JC)V
java/nio/Bits putChar(Ljava/nio/ByteBuffer;ICZ)V
java/nio/Bits putChar(JCZ)V
java/nio/Bits makeShort(BB)S
java/nio/Bits getShortL(Ljava/nio/ByteBuffer;I)S
java/nio/Bits getShortL(J)S
java/nio/Bits getShortB(Ljava/nio/ByteBuffer;I)S
java/nio/Bits getShortB(J)S
java/nio/Bits getShort(Ljava/nio/ByteBuffer;IZ)S
java/nio/Bits getShort(JZ)S
java/nio/Bits short1(S)B
java/nio/Bits short0(S)B
java/nio/Bits putShortL(Ljava/nio/ByteBuffer;IS)V
java/nio/Bits putShortL(JS)V
java/nio/Bits putShortB(Ljava/nio/ByteBuffer;IS)V
java/nio/Bits putShortB(JS)V
java/nio/Bits putShort(Ljava/nio/ByteBuffer;ISZ)V
java/nio/Bits putShort(JSZ)V
java/nio/Bits makeInt(BBBB)I
java/nio/Bits getIntL(Ljava/nio/ByteBuffer;I)I
java/nio/Bits getIntL(J)I
java/nio/Bits getIntB(Ljava/nio/ByteBuffer;I)I
java/nio/Bits getIntB(J)I
java/nio/Bits getInt(Ljava/nio/ByteBuffer;IZ)I
java/nio/Bits getInt(JZ)I
java/nio/Bits int3(I)B
java/nio/Bits
int2(I)B
java/nio/Bits int1(I)B
java/nio/Bits int0(I)B
java/nio/Bits putIntL(Ljava/nio/ByteBuffer;II)V
java/nio/Bits putIntL(JI)V
java/nio/Bits putIntB(Ljava/nio/ByteBuffer;II)V
java/nio/Bits putIntB(JI)V
java/nio/Bits putInt(Ljava/nio/ByteBuffer;IIZ)V

java/nio/Bits putInt(JIZ)V
java/nio/Bits makeLong(BBBBBBBB)J
java/nio/Bits getLongL(Ljava/nio/ByteBuffer;I)J
java/nio/Bits getLongL(J)J
java/nio/Bits getLongB(Ljava/nio/ByteBuffer;I)J
java/nio/Bits getLongB(J)J
java/nio/Bits getLong(Ljava/nio/ByteBuffer;IZ)J
java/nio/Bits getLong(JZ)J
java/nio/Bits long7(J)B
java/nio/Bits long6(J)B
java/nio/Bits long5(J)B
java/nio/Bits long4(J)B
java/nio/Bits long3(J)B
java/nio/Bits long2(J)B
java/nio/Bits long1(J)B
java/nio/Bits long0(J)B
java/nio/Bits putLongL(Ljava/nio/ByteBuffer;IJ)V
java/nio/Bits putLongL(JJ)V
java/nio/Bits putLongB(Ljava/nio/ByteBuffer;IJ)V
java/nio/Bits putLongB(JJ)V
java/nio/Bits putLong(Ljava/nio/ByteBuffer;IJZ)V
java/nio/Bits putLong(JJZ)V
java/nio/Bits getFloatL(Ljava/nio/ByteBuffer;I)F
java/nio/Bits
getFloatL(J)F
java/nio/Bits getFloatB(Ljava/nio/ByteBuffer;I)F
java/nio/Bits getFloatB(J)F
java/nio/Bits getFloat(Ljava/nio/ByteBuffer;IZ)F
java/nio/Bits getFloat(JZ)F
java/nio/Bits putFloatL(Ljava/nio/ByteBuffer;IF)V
java/nio/Bits putFloatL(JF)V
java/nio/Bits putFloatB(Ljava/nio/ByteBuffer;IF)V
java/nio/Bits putFloatB(JF)V
java/nio/Bits putFloat(Ljava/nio/ByteBuffer;IFZ)V
java/nio/Bits putFloat(JFZ)V
java/nio/Bits getDoubleL(Ljava/nio/ByteBuffer;I)D
java/nio/Bits getDoubleL(J)D
java/nio/Bits getDoubleB(Ljava/nio/ByteBuffer;I)D
java/nio/Bits getDoubleB(J)D
java/nio/Bits getDouble(Ljava/nio/ByteBuffer;IZ)D
java/nio/Bits getDouble(JZ)D
java/nio/Bits putDoubleL(Ljava/nio/ByteBuffer;ID)V
java/nio/Bits putDoubleL(JD)V
java/nio/Bits putDoubleB(Ljava/nio/ByteBuffer;ID)V
java/nio/Bits putDoubleB(JD)V
java/nio/Bits putDouble(Ljava/nio/ByteBuffer;IDZ)V
java/nio/Bits putDouble(JDZ)V
java/nio/Bits _get(J)B

java/nio/Bits _put(JB)V
java/nio/Bits unsafe()Lsun/misc/Unsafe;
java/nio/Bits
 byteOrder()Ljava/nio/ByteOrder;
java/nio/Bits pageSize()I
java/nio/Bits unaligned()Z
java/nio/Bits reserveMemory(J)V
java/nio/Bits unreserveMemory(J)V
java/nio/Bits copyFromByteArray(Ljava/lang/Object;JJJ)V
java/nio/Bits copyToByteArray(JLjava/lang/Object;JJ)V
java/nio/Bits copyFromCharArray(Ljava/lang/Object;JJJ)V
java/nio/Bits copyToCharArray(JLjava/lang/Object;JJ)V
java/nio/Bits copyFromShortArray(Ljava/lang/Object;JJJ)V
java/nio/Bits copyToShortArray(JLjava/lang/Object;JJ)V
java/nio/Bits copyFromIntArray(Ljava/lang/Object;JJJ)V
java/nio/Bits copyToIntArray(JLjava/lang/Object;JJ)V
java/nio/Bits copyFromLongArray(Ljava/lang/Object;JJJ)V
java/nio/Bits copyToLongArray(JLjava/lang/Object;JJ)V
java/nio/Bits <clinit>()V
class java/nio/HeapByteBuffer java/nio/ByteBuffer
java/nio/HeapByteBuffer <init>(II)V
java/nio/HeapByteBuffer <init>([BII)V
java/nio/HeapByteBuffer <init>([BIIII)V
java/nio/HeapByteBuffer slice()Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer
 duplicate()Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer asReadOnlyBuffer()Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer ix(I)I
java/nio/HeapByteBuffer get()B
java/nio/HeapByteBuffer get(I)B
java/nio/HeapByteBuffer get([BII)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer isDirect()Z
java/nio/HeapByteBuffer isReadOnly()Z
java/nio/HeapByteBuffer put(B)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer put(IB)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer put([BII)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer put(Ljava/nio/ByteBuffer;)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer compact()Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer _get(I)B
java/nio/HeapByteBuffer _put(IB)V
java/nio/HeapByteBuffer getChar()C
java/nio/HeapByteBuffer getChar(I)C
java/nio/HeapByteBuffer putChar(C)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer putChar(IC)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer asCharBuffer()Ljava/nio/CharBuffer;
java/nio/HeapByteBuffer getShort()S
java/nio/HeapByteBuffer getShort(I)S
java/nio/HeapByteBuffer

putShort(S)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer putShort(IS)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer asShortBuffer()Ljava/nio/ShortBuffer;
java/nio/HeapByteBuffer getInt()I
java/nio/HeapByteBuffer getInt(I)I
java/nio/HeapByteBuffer putInt(I)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer putInt(II)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer asIntBuffer()Ljava/nio/IntBuffer;
java/nio/HeapByteBuffer getLong()J
java/nio/HeapByteBuffer getLong(I)J
java/nio/HeapByteBuffer putLong(J)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer putLong(IJ)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer asLongBuffer()Ljava/nio/LongBuffer;
java/nio/HeapByteBuffer getFloat()F
java/nio/HeapByteBuffer getFloat(I)F
java/nio/HeapByteBuffer putFloat(F)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer putFloat(IF)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer asFloatBuffer()Ljava/nio/FloatBuffer;
java/nio/HeapByteBuffer getDouble()D
java/nio/HeapByteBuffer getDouble(I)D
java/nio/HeapByteBuffer
putDouble(D)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer putDouble(ID)Ljava/nio/ByteBuffer;
java/nio/HeapByteBuffer asDoubleBuffer()Ljava/nio/DoubleBuffer;
class java/nio/ByteBuffer java/nio/Buffer
java/nio/ByteBuffer hb
java/nio/ByteBuffer offset
java/nio/ByteBuffer isReadOnly
java/nio/ByteBuffer bigEndian
java/nio/ByteBuffer nativeByteOrder
java/nio/ByteBuffer <init>(IIII[BI)V
java/nio/ByteBuffer <init>(IIII)V
java/nio/ByteBuffer allocateDirect(I)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer allocate(I)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer wrap([BII)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer wrap([B)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer slice()Ljava/nio/ByteBuffer;
java/nio/ByteBuffer duplicate()Ljava/nio/ByteBuffer;
java/nio/ByteBuffer asReadOnlyBuffer()Ljava/nio/ByteBuffer;
java/nio/ByteBuffer get()B
java/nio/ByteBuffer put(B)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer get(I)B
java/nio/ByteBuffer put(IB)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer get([BII)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer
get([B)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer put(Ljava/nio/ByteBuffer;)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer put([BII)Ljava/nio/ByteBuffer;

java/nio/ByteBuffer put([B)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer hasArray()Z
java/nio/ByteBuffer array()[B
java/nio/ByteBuffer arrayOffset()I
java/nio/ByteBuffer compact()Ljava/nio/ByteBuffer;
java/nio/ByteBuffer isDirect()Z
java/nio/ByteBuffer toString()Ljava/lang/String;
java/nio/ByteBuffer hashCode()I
java/nio/ByteBuffer equals(Ljava/lang/Object;)Z
java/nio/ByteBuffer compareTo(Ljava/nio/ByteBuffer;)I
java/nio/ByteBuffer order()Ljava/nio/ByteOrder;
java/nio/ByteBuffer order(Ljava/nio/ByteOrder;)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer _get(I)B
java/nio/ByteBuffer _put(IB)V
java/nio/ByteBuffer getChar()C
java/nio/ByteBuffer putChar(C)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer getChar(I)C
java/nio/ByteBuffer putChar(IC)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer asCharBuffer()Ljava/nio/CharBuffer;
java/nio/ByteBuffer getShort()S
java/nio/ByteBuffer
putShort(S)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer getShort(I)S
java/nio/ByteBuffer putShort(IS)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer asShortBuffer()Ljava/nio/ShortBuffer;
java/nio/ByteBuffer getInt()I
java/nio/ByteBuffer putInt(I)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer getInt(I)I
java/nio/ByteBuffer putInt(II)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer asIntBuffer()Ljava/nio/IntBuffer;
java/nio/ByteBuffer getLong()J
java/nio/ByteBuffer putLong(J)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer getLong(I)J
java/nio/ByteBuffer putLong(IJ)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer asLongBuffer()Ljava/nio/LongBuffer;
java/nio/ByteBuffer getFloat()F
java/nio/ByteBuffer putFloat(F)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer getFloat(I)F
java/nio/ByteBuffer putFloat(IF)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer asFloatBuffer()Ljava/nio/FloatBuffer;
java/nio/ByteBuffer getDouble()D
java/nio/ByteBuffer putDouble(D)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer getDouble(I)D
java/nio/ByteBuffer
putDouble(ID)Ljava/nio/ByteBuffer;
java/nio/ByteBuffer asDoubleBuffer()Ljava/nio/DoubleBuffer;
java/nio/ByteBuffer compareTo(Ljava/lang/Object;)I
class java/nio/charset/CharsetDecoder java/lang/Object

java/nio/charset/CharsetDecoder charset
java/nio/charset/CharsetDecoder averageCharsPerByte
java/nio/charset/CharsetDecoder maxCharsPerByte
java/nio/charset/CharsetDecoder replacement
java/nio/charset/CharsetDecoder malformedInputAction
java/nio/charset/CharsetDecoder unmappableCharacterAction
java/nio/charset/CharsetDecoder ST_RESET
java/nio/charset/CharsetDecoder ST_CODING
java/nio/charset/CharsetDecoder ST_END
java/nio/charset/CharsetDecoder ST_FLUSHED
java/nio/charset/CharsetDecoder state
java/nio/charset/CharsetDecoder stateNames
java/nio/charset/CharsetDecoder $assertionsDisabled
java/nio/charset/CharsetDecoder <init>(Ljava/nio/charset/Charset;FFLjava/lang/String;)V
java/nio/charset/CharsetDecoder <init>(Ljava/nio/charset/Charset;FF)V
java/nio/charset/CharsetDecoder
charset()Ljava/nio/charset/Charset;
java/nio/charset/CharsetDecoder replacement()Ljava/lang/String;
java/nio/charset/CharsetDecoder replaceWith(Ljava/lang/String;)Ljava/nio/charset/CharsetDecoder;
java/nio/charset/CharsetDecoder implReplaceWith(Ljava/lang/String;)V
java/nio/charset/CharsetDecoder malformedInputAction()Ljava/nio/charset/CodingErrorAction;
java/nio/charset/CharsetDecoder
onMalformedInput(Ljava/nio/charset/CodingErrorAction;)Ljava/nio/charset/CharsetDecoder;
java/nio/charset/CharsetDecoder implOnMalformedInput(Ljava/nio/charset/CodingErrorAction;)V
java/nio/charset/CharsetDecoder unmappableCharacterAction()Ljava/nio/charset/CodingErrorAction;
java/nio/charset/CharsetDecoder
onUnmappableCharacter(Ljava/nio/charset/CodingErrorAction;)Ljava/nio/charset/CharsetDecoder;
java/nio/charset/CharsetDecoder implOnUnmappableCharacter(Ljava/nio/charset/CodingErrorAction;)V
java/nio/charset/CharsetDecoder averageCharsPerByte()F
java/nio/charset/CharsetDecoder maxCharsPerByte()F
java/nio/charset/CharsetDecoder
decode(Ljava/nio/ByteBuffer;Ljava/nio/CharBuffer;Z)Ljava/nio/charset/CoderResult;
java/nio/charset/CharsetDecoder flush(Ljava/nio/CharBuffer;)Ljava/nio/charset/CoderResult;
java/nio/charset/CharsetDecoder implFlush(Ljava/nio/CharBuffer;)Ljava/nio/charset/CoderResult;
java/nio/charset/CharsetDecoder reset()Ljava/nio/charset/CharsetDecoder;
java/nio/charset/CharsetDecoder implReset()V
java/nio/charset/CharsetDecoder
decodeLoop(Ljava/nio/ByteBuffer;Ljava/nio/CharBuffer;)Ljava/nio/charset/CoderResult;
java/nio/charset/CharsetDecoder decode(Ljava/nio/ByteBuffer;)Ljava/nio/CharBuffer;
java/nio/charset/CharsetDecoder isAutoDetecting()Z
java/nio/charset/CharsetDecoder isCharsetDetected()Z
java/nio/charset/CharsetDecoder detectedCharset()Ljava/nio/charset/Charset;
java/nio/charset/CharsetDecoder throwIllegalStateException(II)V
java/nio/charset/CharsetDecoder <clinit>()V
class java/nio/charset/CodingErrorAction java/lang/Object
java/nio/charset/CodingErrorAction name
java/nio/charset/CodingErrorAction

IGNORE
java/nio/charset/CodingErrorAction REPLACE
java/nio/charset/CodingErrorAction REPORT
java/nio/charset/CodingErrorAction <init>(Ljava/lang/String;)V
java/nio/charset/CodingErrorAction toString()Ljava/lang/String;
java/nio/charset/CodingErrorAction <clinit>()V
class java/nio/charset/CharsetEncoder java/lang/Object
java/nio/charset/CharsetEncoder charset
java/nio/charset/CharsetEncoder averageBytesPerChar
java/nio/charset/CharsetEncoder maxBytesPerChar
java/nio/charset/CharsetEncoder replacement
java/nio/charset/CharsetEncoder malformedInputAction
java/nio/charset/CharsetEncoder unmappableCharacterAction
java/nio/charset/CharsetEncoder ST_RESET
java/nio/charset/CharsetEncoder ST_CODING
java/nio/charset/CharsetEncoder ST_END
java/nio/charset/CharsetEncoder ST_FLUSHED
java/nio/charset/CharsetEncoder state
java/nio/charset/CharsetEncoder stateNames
java/nio/charset/CharsetEncoder cachedDecoder
java/nio/charset/CharsetEncoder $assertionsDisabled
java/nio/charset/CharsetEncoder
<init>(Ljava/nio/charset/Charset;FF[B)V
java/nio/charset/CharsetEncoder <init>(Ljava/nio/charset/Charset;FF)V
java/nio/charset/CharsetEncoder charset()Ljava/nio/charset/Charset;
java/nio/charset/CharsetEncoder replacement()[B
java/nio/charset/CharsetEncoder replaceWith([B)Ljava/nio/charset/CharsetEncoder;
java/nio/charset/CharsetEncoder implReplaceWith([B)V
java/nio/charset/CharsetEncoder isLegalReplacement([B)Z
java/nio/charset/CharsetEncoder malformedInputAction()Ljava/nio/charset/CodingErrorAction;
java/nio/charset/CharsetEncoder
onMalformedInput(Ljava/nio/charset/CodingErrorAction;)Ljava/nio/charset/CharsetEncoder;
java/nio/charset/CharsetEncoder implOnMalformedInput(Ljava/nio/charset/CodingErrorAction;)V
java/nio/charset/CharsetEncoder unmappableCharacterAction()Ljava/nio/charset/CodingErrorAction;
java/nio/charset/CharsetEncoder
onUnmappableCharacter(Ljava/nio/charset/CodingErrorAction;)Ljava/nio/charset/CharsetEncoder;
java/nio/charset/CharsetEncoder
implOnUnmappableCharacter(Ljava/nio/charset/CodingErrorAction;)V
java/nio/charset/CharsetEncoder averageBytesPerChar()F
java/nio/charset/CharsetEncoder maxBytesPerChar()F
java/nio/charset/CharsetEncoder
encode(Ljava/nio/CharBuffer;Ljava/nio/ByteBuffer;Z)Ljava/nio/charset/CoderResult;
java/nio/charset/CharsetEncoder flush(Ljava/nio/ByteBuffer;)Ljava/nio/charset/CoderResult;
java/nio/charset/CharsetEncoder implFlush(Ljava/nio/ByteBuffer;)Ljava/nio/charset/CoderResult;
java/nio/charset/CharsetEncoder reset()Ljava/nio/charset/CharsetEncoder;
java/nio/charset/CharsetEncoder implReset()V
java/nio/charset/CharsetEncoder
encodeLoop(Ljava/nio/CharBuffer;Ljava/nio/ByteBuffer;)Ljava/nio/charset/CoderResult;

java/nio/charset/CharsetEncoder encode(Ljava/nio/CharBuffer;)Ljava/nio/ByteBuffer;
java/nio/charset/CharsetEncoder canEncode(Ljava/nio/CharBuffer;)Z
java/nio/charset/CharsetEncoder canEncode(C)Z
java/nio/charset/CharsetEncoder canEncode(Ljava/lang/CharSequence;)Z
java/nio/charset/CharsetEncoder
 throwIllegalStateException(II)V
java/nio/charset/CharsetEncoder <clinit>()V
class java/lang/Class$1 java/lang/Object
java/lang/Class$1 val$c
java/lang/Class$1 this$0
java/lang/Class$1 <init>(Ljava/lang/Class;Ljava/lang/reflect/Constructor;)V
java/lang/Class$1 run()Ljava/lang/Object;
class java/lang/StringBuilder java/lang/AbstractStringBuilder
java/lang/StringBuilder serialVersionUID
java/lang/StringBuilder <init>()V
java/lang/StringBuilder <init>(I)V
java/lang/StringBuilder <init>(Ljava/lang/String;)V
java/lang/StringBuilder <init>(Ljava/lang/CharSequence;)V
java/lang/StringBuilder append(Ljava/lang/Object;)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(Ljava/lang/String;)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(Ljava/lang/StringBuilder;)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(Ljava/lang/StringBuffer;)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(Ljava/lang/CharSequence;)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(Ljava/lang/CharSequence;II)Ljava/lang/StringBuilder;
java/lang/StringBuilder
 append([C)Ljava/lang/StringBuilder;
java/lang/StringBuilder append([CII)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(Z)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(C)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(I)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(J)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(F)Ljava/lang/StringBuilder;
java/lang/StringBuilder append(D)Ljava/lang/StringBuilder;
java/lang/StringBuilder appendCodePoint(I)Ljava/lang/StringBuilder;
java/lang/StringBuilder delete(II)Ljava/lang/StringBuilder;
java/lang/StringBuilder deleteCharAt(I)Ljava/lang/StringBuilder;
java/lang/StringBuilder replace(IILjava/lang/String;)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(I[CII)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(ILjava/lang/Object;)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(ILjava/lang/String;)Ljava/lang/StringBuilder;
java/lang/StringBuilder
 insert(I[C)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(ILjava/lang/CharSequence;)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(ILjava/lang/CharSequence;II)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(IZ)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(IC)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(II)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(IJ)Ljava/lang/StringBuilder;

java/lang/StringBuilder insert(IF)Ljava/lang/StringBuilder;
java/lang/StringBuilder insert(ID)Ljava/lang/StringBuilder;
java/lang/StringBuilder indexOf(Ljava/lang/String;)I
java/lang/StringBuilder indexOf(Ljava/lang/String;I)I
java/lang/StringBuilder lastIndexOf(Ljava/lang/String;)I
java/lang/StringBuilder lastIndexOf(Ljava/lang/String;I)I
java/lang/StringBuilder reverse()Ljava/lang/StringBuilder;
java/lang/StringBuilder toString()Ljava/lang/String;
java/lang/StringBuilder writeObject(Ljava/io/ObjectOutputStream;)V
java/lang/StringBuilder
readObject(Ljava/io/ObjectInputStream;)V
java/lang/StringBuilder reverse()Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(ID)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(IF)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(IJ)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(II)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(IC)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(IZ)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(ILjava/lang/CharSequence;II)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(ILjava/lang/CharSequence;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(I[C)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(ILjava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(ILjava/lang/Object;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder insert(I[CII)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder
replace(IILjava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder deleteCharAt(I)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder appendCodePoint(I)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder delete(II)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(D)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(F)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(J)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(I)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(C)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(Z)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append([CII)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append([C)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(Ljava/lang/CharSequence;II)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder
append(Ljava/lang/CharSequence;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(Ljava/lang/StringBuffer;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(Ljava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(Ljava/lang/Object;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuilder append(C)Ljava/lang/Appendable;
java/lang/StringBuilder append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/lang/StringBuilder append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
class java/lang/ThreadLocal java/lang/Object
java/lang/ThreadLocal threadLocalHashCode

java/lang/ThreadLocal nextHashCode
java/lang/ThreadLocal HASH_INCREMENT
java/lang/ThreadLocal nextHashCode()I
java/lang/ThreadLocal initialValue()Ljava/lang/Object;
java/lang/ThreadLocal <init>()V
java/lang/ThreadLocal get()Ljava/lang/Object;
java/lang/ThreadLocal set(Ljava/lang/Object;)V
java/lang/ThreadLocal remove()V
java/lang/ThreadLocal getMap(Ljava/lang/Thread;)Ljava/lang/ThreadLocal$ThreadLocalMap;
java/lang/ThreadLocal
createMap(Ljava/lang/Thread;Ljava/lang/Object;)V
java/lang/ThreadLocal
createInheritedMap(Ljava/lang/ThreadLocal$ThreadLocalMap;)Ljava/lang/ThreadLocal$ThreadLocalMap;
java/lang/ThreadLocal childValue(Ljava/lang/Object;)Ljava/lang/Object;
java/lang/ThreadLocal access$400(Ljava/lang/ThreadLocal;)I
java/lang/ThreadLocal <clinit>()V
class java/nio/charset/spi/CharsetProvider java/lang/Object
java/nio/charset/spi/CharsetProvider <init>()V
java/nio/charset/spi/CharsetProvider charsets()Ljava/util/Iterator;
java/nio/charset/spi/CharsetProvider charsetForName(Ljava/lang/String;)Ljava/nio/charset/Charset;
class java/nio/charset/Charset java/lang/Object
java/nio/charset/Charset bugLevel
java/nio/charset/Charset standardProvider
java/nio/charset/Charset cache1
java/nio/charset/Charset cache2
java/nio/charset/Charset gate
java/nio/charset/Charset extendedProviderLock
java/nio/charset/Charset extendedProviderProbed
java/nio/charset/Charset
extendedProvider
java/nio/charset/Charset defaultCharset
java/nio/charset/Charset name
java/nio/charset/Charset aliases
java/nio/charset/Charset aliasSet
java/nio/charset/Charset atBugLevel(Ljava/lang/String;)Z
java/nio/charset/Charset checkName(Ljava/lang/String;)V
java/nio/charset/Charset cache(Ljava/lang/String;Ljava/nio/charset/Charset;)V
java/nio/charset/Charset providers()Ljava/util/Iterator;
java/nio/charset/Charset lookupViaProviders(Ljava/lang/String;)Ljava/nio/charset/Charset;
java/nio/charset/Charset probeExtendedProvider()V
java/nio/charset/Charset lookupExtendedCharset(Ljava/lang/String;)Ljava/nio/charset/Charset;
java/nio/charset/Charset lookup(Ljava/lang/String;)Ljava/nio/charset/Charset;
java/nio/charset/Charset lookup2(Ljava/lang/String;)Ljava/nio/charset/Charset;
java/nio/charset/Charset isSupported(Ljava/lang/String;)Z
java/nio/charset/Charset forName(Ljava/lang/String;)Ljava/nio/charset/Charset;
java/nio/charset/Charset put(Ljava/util/Iterator;Ljava/util/Map;)V
java/nio/charset/Charset

availableCharsets()Ljava/util/SortedMap;
java/nio/charset/Charset defaultCharset()Ljava/nio/charset/Charset;
java/nio/charset/Charset <init>(Ljava/lang/String;[Ljava/lang/String;)V
java/nio/charset/Charset name()Ljava/lang/String;
java/nio/charset/Charset aliases()Ljava/util/Set;
java/nio/charset/Charset displayName()Ljava/lang/String;
java/nio/charset/Charset isRegistered()Z
java/nio/charset/Charset displayName(Ljava/util/Locale;)Ljava/lang/String;
java/nio/charset/Charset contains(Ljava/nio/charset/Charset;)Z
java/nio/charset/Charset newDecoder()Ljava/nio/charset/CharsetDecoder;
java/nio/charset/Charset newEncoder()Ljava/nio/charset/CharsetEncoder;
java/nio/charset/Charset canEncode()Z
java/nio/charset/Charset decode(Ljava/nio/ByteBuffer;)Ljava/nio/CharBuffer;
java/nio/charset/Charset encode(Ljava/nio/CharBuffer;)Ljava/nio/ByteBuffer;
java/nio/charset/Charset encode(Ljava/lang/String;)Ljava/nio/ByteBuffer;
java/nio/charset/Charset compareTo(Ljava/nio/charset/Charset;)I
java/nio/charset/Charset
hashCode()I
java/nio/charset/Charset equals(Ljava/lang/Object;)Z
java/nio/charset/Charset toString()Ljava/lang/String;
java/nio/charset/Charset compareTo(Ljava/lang/Object;)I
java/nio/charset/Charset access$000()Ljava/util/Iterator;
java/nio/charset/Charset access$102(Ljava/nio/charset/spi/CharsetProvider;)Ljava/nio/charset/spi/CharsetProvider;
java/nio/charset/Charset access$200()Ljava/nio/charset/spi/CharsetProvider;
java/nio/charset/Charset access$300(Ljava/util/Iterator;Ljava/util/Map;)V
java/nio/charset/Charset <clinit>()V
class java/io/OutputStreamWriter java/io/Writer
java/io/OutputStreamWriter se
java/io/OutputStreamWriter <init>(Ljava/io/OutputStream;Ljava/lang/String;)V
java/io/OutputStreamWriter <init>(Ljava/io/OutputStream;)V
java/io/OutputStreamWriter <init>(Ljava/io/OutputStream;Ljava/nio/charset/Charset;)V
java/io/OutputStreamWriter <init>(Ljava/io/OutputStream;Ljava/nio/charset/CharsetEncoder;)V
java/io/OutputStreamWriter getEncoding()Ljava/lang/String;
java/io/OutputStreamWriter
flushBuffer()V
java/io/OutputStreamWriter write(I)V
java/io/OutputStreamWriter write([CII)V
java/io/OutputStreamWriter write(Ljava/lang/String;II)V
java/io/OutputStreamWriter flush()V
java/io/OutputStreamWriter close()V
class java/io/Writer java/lang/Object
java/io/Writer writeBuffer
java/io/Writer writeBufferSize
java/io/Writer lock
java/io/Writer <init>()V
java/io/Writer <init>(Ljava/lang/Object;)V
java/io/Writer write(I)V
java/io/Writer write([C)V

java/io/Writer write([CII)V
java/io/Writer write(Ljava/lang/String;)V
java/io/Writer write(Ljava/lang/String;II)V
java/io/Writer append(Ljava/lang/CharSequence;)Ljava/io/Writer;
java/io/Writer append(Ljava/lang/CharSequence;II)Ljava/io/Writer;
java/io/Writer append(C)Ljava/io/Writer;
java/io/Writer flush()V
java/io/Writer close()V
java/io/Writer append(C)Ljava/lang/Appendable;
java/io/Writer append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/io/Writer append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
class
java/io/BufferedOutputStream java/io/FilterOutputStream
java/io/BufferedOutputStream buf
java/io/BufferedOutputStream count
java/io/BufferedOutputStream <init>(Ljava/io/OutputStream;)V
java/io/BufferedOutputStream <init>(Ljava/io/OutputStream;I)V
java/io/BufferedOutputStream flushBuffer()V
java/io/BufferedOutputStream write(I)V
java/io/BufferedOutputStream write([BII)V
java/io/BufferedOutputStream flush()V
class java/io/PrintStream java/io/FilterOutputStream
java/io/PrintStream autoFlush
java/io/PrintStream trouble
java/io/PrintStream formatter
java/io/PrintStream textOut
java/io/PrintStream charOut
java/io/PrintStream closing
java/io/PrintStream <init>(Ljava/io/OutputStream;)V
java/io/PrintStream <init>(ZLjava/io/OutputStream;)V
java/io/PrintStream init(Ljava/io/OutputStreamWriter;)V
java/io/PrintStream <init>(Ljava/io/OutputStream;Z)V
java/io/PrintStream <init>(Ljava/io/OutputStream;ZLjava/lang/String;)V
java/io/PrintStream <init>(Ljava/lang/String;)V
java/io/PrintStream
<init>(Ljava/lang/String;Ljava/lang/String;)V
java/io/PrintStream <init>(Ljava/io/File;)V
java/io/PrintStream <init>(Ljava/io/File;Ljava/lang/String;)V
java/io/PrintStream ensureOpen()V
java/io/PrintStream flush()V
java/io/PrintStream close()V
java/io/PrintStream checkError()Z
java/io/PrintStream setError()V
java/io/PrintStream write(I)V
java/io/PrintStream write([BII)V
java/io/PrintStream write([C)V
java/io/PrintStream write(Ljava/lang/String;)V
java/io/PrintStream newLine()V

java/io/PrintStream print(Z)V
java/io/PrintStream print(C)V
java/io/PrintStream print(I)V
java/io/PrintStream print(J)V
java/io/PrintStream print(F)V
java/io/PrintStream print(D)V
java/io/PrintStream print([C)V
java/io/PrintStream print(Ljava/lang/String;)V
java/io/PrintStream print(Ljava/lang/Object;)V
java/io/PrintStream println()V
java/io/PrintStream println(Z)V
java/io/PrintStream println(C)V
java/io/PrintStream println(I)V
java/io/PrintStream println(J)V
java/io/PrintStream println(F)V
java/io/PrintStream
println(D)V
java/io/PrintStream println([C)V
java/io/PrintStream println(Ljava/lang/String;)V
java/io/PrintStream println(Ljava/lang/Object;)V
java/io/PrintStream printf(Ljava/lang/String;[Ljava/lang/Object;)Ljava/io/PrintStream;
java/io/PrintStream printf(Ljava/util/Locale;Ljava/lang/String;[Ljava/lang/Object;)Ljava/io/PrintStream;
java/io/PrintStream format(Ljava/lang/String;[Ljava/lang/Object;)Ljava/io/PrintStream;
java/io/PrintStream format(Ljava/util/Locale;Ljava/lang/String;[Ljava/lang/Object;)Ljava/io/PrintStream;
java/io/PrintStream append(Ljava/lang/CharSequence;)Ljava/io/PrintStream;
java/io/PrintStream append(Ljava/lang/CharSequence;II)Ljava/io/PrintStream;
java/io/PrintStream append(C)Ljava/io/PrintStream;
java/io/PrintStream append(C)Ljava/lang/Appendable;
java/io/PrintStream append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/io/PrintStream append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
class java/io/FilterOutputStream java/io/OutputStream
java/io/FilterOutputStream
out
java/io/FilterOutputStream <init>(Ljava/io/OutputStream;)V
java/io/FilterOutputStream write(I)V
java/io/FilterOutputStream write([B)V
java/io/FilterOutputStream write([BII)V
java/io/FilterOutputStream flush()V
java/io/FilterOutputStream close()V
class java/util/Collections$SynchronizedMap java/lang/Object
java/util/Collections$SynchronizedMap serialVersionUID
java/util/Collections$SynchronizedMap m
java/util/Collections$SynchronizedMap mutex
java/util/Collections$SynchronizedMap keySet
java/util/Collections$SynchronizedMap entrySet
java/util/Collections$SynchronizedMap values
java/util/Collections$SynchronizedMap <init>(Ljava/util/Map;)V
java/util/Collections$SynchronizedMap <init>(Ljava/util/Map;Ljava/lang/Object;)V

java/util/Collections$SynchronizedMap size()I
java/util/Collections$SynchronizedMap isEmpty()Z
java/util/Collections$SynchronizedMap containsKey(Ljava/lang/Object;)Z
java/util/Collections$SynchronizedMap containsValue(Ljava/lang/Object;)Z
java/util/Collections$SynchronizedMap
get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$SynchronizedMap put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$SynchronizedMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$SynchronizedMap putAll(Ljava/util/Map;)V
java/util/Collections$SynchronizedMap clear()V
java/util/Collections$SynchronizedMap keySet()Ljava/util/Set;
java/util/Collections$SynchronizedMap entrySet()Ljava/util/Set;
java/util/Collections$SynchronizedMap values()Ljava/util/Collection;
java/util/Collections$SynchronizedMap equals(Ljava/lang/Object;)Z
java/util/Collections$SynchronizedMap hashCode()I
java/util/Collections$SynchronizedMap toString()Ljava/lang/String;
java/util/Collections$SynchronizedMap writeObject(Ljava/io/ObjectOutputStream;)V
class java/util/Collections$ReverseComparator java/lang/Object
java/util/Collections$ReverseComparator serialVersionUID
java/util/Collections$ReverseComparator <init>()V
java/util/Collections$ReverseComparator
compare(Ljava/lang/Comparable;Ljava/lang/Comparable;)I
java/util/Collections$ReverseComparator compare(Ljava/lang/Object;Ljava/lang/Object;)I
java/util/Collections$ReverseComparator <init>(Ljava/util/Collections$1;)V
class java/util/Collections$EmptyMap java/util/AbstractMap
java/util/Collections$EmptyMap serialVersionUID
java/util/Collections$EmptyMap <init>()V
java/util/Collections$EmptyMap size()I
java/util/Collections$EmptyMap isEmpty()Z
java/util/Collections$EmptyMap containsKey(Ljava/lang/Object;)Z
java/util/Collections$EmptyMap containsValue(Ljava/lang/Object;)Z
java/util/Collections$EmptyMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Collections$EmptyMap keySet()Ljava/util/Set;
java/util/Collections$EmptyMap values()Ljava/util/Collection;
java/util/Collections$EmptyMap entrySet()Ljava/util/Set;
java/util/Collections$EmptyMap equals(Ljava/lang/Object;)Z
java/util/Collections$EmptyMap hashCode()I
java/util/Collections$EmptyMap readResolve()Ljava/lang/Object;
java/util/Collections$EmptyMap
<init>(Ljava/util/Collections$1;)V
class java/util/Collections$EmptyList java/util/AbstractList
java/util/Collections$EmptyList serialVersionUID
java/util/Collections$EmptyList <init>()V
java/util/Collections$EmptyList size()I
java/util/Collections$EmptyList contains(Ljava/lang/Object;)Z
java/util/Collections$EmptyList get(I)Ljava/lang/Object;
java/util/Collections$EmptyList readResolve()Ljava/lang/Object;
java/util/Collections$EmptyList <init>(Ljava/util/Collections$1;)V

class java/util/Collections$EmptySet java/util/AbstractSet
java/util/Collections$EmptySet serialVersionUID
java/util/Collections$EmptySet <init>()V
java/util/Collections$EmptySet iterator()Ljava/util/Iterator;
java/util/Collections$EmptySet size()I
java/util/Collections$EmptySet contains(Ljava/lang/Object;)Z
java/util/Collections$EmptySet readResolve()Ljava/lang/Object;
java/util/Collections$EmptySet <init>(Ljava/util/Collections$1;)V
class java/util/AbstractSet java/util/AbstractCollection
java/util/AbstractSet
 <init>()V
java/util/AbstractSet equals(Ljava/lang/Object;)Z
java/util/AbstractSet hashCode()I
java/util/AbstractSet removeAll(Ljava/util/Collection;)Z
class java/util/Set java/lang/Object
java/util/Set size()I
java/util/Set isEmpty()Z
java/util/Set contains(Ljava/lang/Object;)Z
java/util/Set iterator()Ljava/util/Iterator;
java/util/Set toArray()[Ljava/lang/Object;
java/util/Set toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/Set add(Ljava/lang/Object;)Z
java/util/Set remove(Ljava/lang/Object;)Z
java/util/Set containsAll(Ljava/util/Collection;)Z
java/util/Set addAll(Ljava/util/Collection;)Z
java/util/Set retainAll(Ljava/util/Collection;)Z
java/util/Set removeAll(Ljava/util/Collection;)Z
java/util/Set clear()V
java/util/Set equals(Ljava/lang/Object;)Z
java/util/Set hashCode()I
class java/lang/reflect/ReflectAccess java/lang/Object
java/lang/reflect/ReflectAccess <init>()V
java/lang/reflect/ReflectAccess
newField(Ljava/lang/Class;Ljava/lang/String;Ljava/lang/Class;IILjava/lang/String;[B)Ljava/lang/reflect/Field;
java/lang/reflect/ReflectAccess
newMethod(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;Ljava/lang/Class;[Ljava/lang/Class;IILjava/lang/String;[B[B[B)Ljava/lang/reflect/Method;
java/lang/reflect/ReflectAccess
newConstructor(Ljava/lang/Class;[Ljava/lang/Class;[Ljava/lang/Class;IILjava/lang/String;[B[B)Ljava/lang/reflect/Constructor;
java/lang/reflect/ReflectAccess getMethodAccessor(Ljava/lang/reflect/Method;)Lsun/reflect/MethodAccessor;
java/lang/reflect/ReflectAccess setMethodAccessor(Ljava/lang/reflect/Method;Lsun/reflect/MethodAccessor;)V
java/lang/reflect/ReflectAccess
getConstructorAccessor(Ljava/lang/reflect/Constructor;)Lsun/reflect/ConstructorAccessor;
java/lang/reflect/ReflectAccess
setConstructorAccessor(Ljava/lang/reflect/Constructor;Lsun/reflect/ConstructorAccessor;)V
java/lang/reflect/ReflectAccess getConstructorSlot(Ljava/lang/reflect/Constructor;)I
java/lang/reflect/ReflectAccess getConstructorSignature(Ljava/lang/reflect/Constructor;)Ljava/lang/String;

java/lang/reflect/ReflectAccess
getConstructorAnnotations(Ljava/lang/reflect/Constructor;)[B
java/lang/reflect/ReflectAccess getConstructorParameterAnnotations(Ljava/lang/reflect/Constructor;)[B
java/lang/reflect/ReflectAccess copyMethod(Ljava/lang/reflect/Method;)Ljava/lang/reflect/Method;
java/lang/reflect/ReflectAccess copyField(Ljava/lang/reflect/Field;)Ljava/lang/reflect/Field;
java/lang/reflect/ReflectAccess copyConstructor(Ljava/lang/reflect/Constructor;)Ljava/lang/reflect/Constructor;
class java/lang/reflect/Modifier java/lang/Object
java/lang/reflect/Modifier PUBLIC
java/lang/reflect/Modifier PRIVATE
java/lang/reflect/Modifier PROTECTED
java/lang/reflect/Modifier STATIC
java/lang/reflect/Modifier FINAL
java/lang/reflect/Modifier SYNCHRONIZED
java/lang/reflect/Modifier VOLATILE
java/lang/reflect/Modifier TRANSIENT
java/lang/reflect/Modifier NATIVE
java/lang/reflect/Modifier INTERFACE
java/lang/reflect/Modifier
ABSTRACT
java/lang/reflect/Modifier STRICT
java/lang/reflect/Modifier BRIDGE
java/lang/reflect/Modifier VARARGS
java/lang/reflect/Modifier SYNTHETIC
java/lang/reflect/Modifier ANNOTATION
java/lang/reflect/Modifier ENUM
java/lang/reflect/Modifier <init>()V
java/lang/reflect/Modifier isPublic(I)Z
java/lang/reflect/Modifier isPrivate(I)Z
java/lang/reflect/Modifier isProtected(I)Z
java/lang/reflect/Modifier isStatic(I)Z
java/lang/reflect/Modifier isFinal(I)Z
java/lang/reflect/Modifier isSynchronized(I)Z
java/lang/reflect/Modifier isVolatile(I)Z
java/lang/reflect/Modifier isTransient(I)Z
java/lang/reflect/Modifier isNative(I)Z
java/lang/reflect/Modifier isInterface(I)Z
java/lang/reflect/Modifier isAbstract(I)Z
java/lang/reflect/Modifier isStrict(I)Z
java/lang/reflect/Modifier toString(I)Ljava/lang/String;
java/lang/reflect/Modifier isSynthetic(I)Z
java/lang/reflect/Modifier <clinit>()V
class java/lang/Class$3 java/lang/Object
java/lang/Class$3 <init>()V
java/lang/Class$3 run()Ljava/lang/Object;
class
java/util/concurrent/atomic/AtomicLong java/lang/Number
java/util/concurrent/atomic/AtomicLong serialVersionUID
java/util/concurrent/atomic/AtomicLong unsafe

java/util/concurrent/atomic/AtomicLong valueOffset
java/util/concurrent/atomic/AtomicLong VM_SUPPORTS_LONG_CAS
java/util/concurrent/atomic/AtomicLong value
java/util/concurrent/atomic/AtomicLong VMSupportsCS8()Z
java/util/concurrent/atomic/AtomicLong <init>(J)V
java/util/concurrent/atomic/AtomicLong <init>()V
java/util/concurrent/atomic/AtomicLong get()J
java/util/concurrent/atomic/AtomicLong set(J)V
java/util/concurrent/atomic/AtomicLong getAndSet(J)J
java/util/concurrent/atomic/AtomicLong compareAndSet(JJ)Z
java/util/concurrent/atomic/AtomicLong weakCompareAndSet(JJ)Z
java/util/concurrent/atomic/AtomicLong getAndIncrement()J
java/util/concurrent/atomic/AtomicLong getAndDecrement()J
java/util/concurrent/atomic/AtomicLong getAndAdd(J)J
java/util/concurrent/atomic/AtomicLong incrementAndGet()J
java/util/concurrent/atomic/AtomicLong
decrementAndGet()J
java/util/concurrent/atomic/AtomicLong addAndGet(J)J
java/util/concurrent/atomic/AtomicLong toString()Ljava/lang/String;
java/util/concurrent/atomic/AtomicLong intValue()I
java/util/concurrent/atomic/AtomicLong longValue()J
java/util/concurrent/atomic/AtomicLong floatValue()F
java/util/concurrent/atomic/AtomicLong doubleValue()D
java/util/concurrent/atomic/AtomicLong <clinit>()V
class java/util/Random java/lang/Object
java/util/Random serialVersionUID
java/util/Random seed
java/util/Random multiplier
java/util/Random addend
java/util/Random mask
java/util/Random seedUniquifier
java/util/Random BITS_PER_BYTE
java/util/Random BYTES_PER_INT
java/util/Random nextNextGaussian
java/util/Random haveNextNextGaussian
java/util/Random serialPersistentFields
java/util/Random <init>()V
java/util/Random <init>(J)V
java/util/Random setSeed(J)V
java/util/Random next(I)I
java/util/Random nextBytes([B)V
java/util/Random nextInt()I
java/util/Random nextInt(I)I
java/util/Random
nextLong()J
java/util/Random nextBoolean()Z
java/util/Random nextFloat()F
java/util/Random nextDouble()D

java/util/Random nextGaussian()D
java/util/Random readObject(Ljava/io/ObjectInputStream;)V
java/util/Random writeObject(Ljava/io/ObjectOutputStream;)V
java/util/Random <clinit>()V
class java/util/Collections java/lang/Object
java/util/Collections BINARYSEARCH_THRESHOLD
java/util/Collections REVERSE_THRESHOLD
java/util/Collections SHUFFLE_THRESHOLD
java/util/Collections FILL_THRESHOLD
java/util/Collections ROTATE_THRESHOLD
java/util/Collections COPY_THRESHOLD
java/util/Collections REPLACEALL_THRESHOLD
java/util/Collections INDEXOFSUBLIST_THRESHOLD
java/util/Collections r
java/util/Collections EMPTY_SET
java/util/Collections EMPTY_LIST
java/util/Collections EMPTY_MAP
java/util/Collections REVERSE_ORDER
java/util/Collections <init>()V
java/util/Collections sort(Ljava/util/List;)V
java/util/Collections sort(Ljava/util/List;Ljava/util/Comparator;)V
java/util/Collections binarySearch(Ljava/util/List;Ljava/lang/Object;)I
java/util/Collections
indexedBinarySearch(Ljava/util/List;Ljava/lang/Object;)I
java/util/Collections iteratorBinarySearch(Ljava/util/List;Ljava/lang/Object;)I
java/util/Collections get(Ljava/util/ListIterator;I)Ljava/lang/Object;
java/util/Collections binarySearch(Ljava/util/List;Ljava/lang/Object;Ljava/util/Comparator;)I
java/util/Collections indexedBinarySearch(Ljava/util/List;Ljava/lang/Object;Ljava/util/Comparator;)I
java/util/Collections iteratorBinarySearch(Ljava/util/List;Ljava/lang/Object;Ljava/util/Comparator;)I
java/util/Collections reverse(Ljava/util/List;)V
java/util/Collections shuffle(Ljava/util/List;)V
java/util/Collections shuffle(Ljava/util/List;Ljava/util/Random;)V
java/util/Collections swap(Ljava/util/List;II)V
java/util/Collections swap([Ljava/lang/Object;II)V
java/util/Collections fill(Ljava/util/List;Ljava/lang/Object;)V
java/util/Collections copy(Ljava/util/List;Ljava/util/List;)V
java/util/Collections min(Ljava/util/Collection;)Ljava/lang/Object;
java/util/Collections
min(Ljava/util/Collection;Ljava/util/Comparator;)Ljava/lang/Object;
java/util/Collections max(Ljava/util/Collection;)Ljava/lang/Object;
java/util/Collections max(Ljava/util/Collection;Ljava/util/Comparator;)Ljava/lang/Object;
java/util/Collections rotate(Ljava/util/List;I)V
java/util/Collections rotate1(Ljava/util/List;I)V
java/util/Collections rotate2(Ljava/util/List;I)V
java/util/Collections replaceAll(Ljava/util/List;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/Collections indexOfSubList(Ljava/util/List;Ljava/util/List;)I
java/util/Collections lastIndexOfSubList(Ljava/util/List;Ljava/util/List;)I
java/util/Collections unmodifiableCollection(Ljava/util/Collection;)Ljava/util/Collection;

java/util/Collections unmodifiableSet(Ljava/util/Set;)Ljava/util/Set;
java/util/Collections unmodifiableSortedSet(Ljava/util/SortedSet;)Ljava/util/SortedSet;
java/util/Collections unmodifiableList(Ljava/util/List;)Ljava/util/List;
java/util/Collections
unmodifiableMap(Ljava/util/Map;)Ljava/util/Map;
java/util/Collections unmodifiableSortedMap(Ljava/util/SortedMap;)Ljava/util/SortedMap;
java/util/Collections synchronizedCollection(Ljava/util/Collection;)Ljava/util/Collection;
java/util/Collections synchronizedCollection(Ljava/util/Collection;Ljava/lang/Object;)Ljava/util/Collection;
java/util/Collections synchronizedSet(Ljava/util/Set;)Ljava/util/Set;
java/util/Collections synchronizedSet(Ljava/util/Set;Ljava/lang/Object;)Ljava/util/Set;
java/util/Collections synchronizedSortedSet(Ljava/util/SortedSet;)Ljava/util/SortedSet;
java/util/Collections synchronizedList(Ljava/util/List;)Ljava/util/List;
java/util/Collections synchronizedList(Ljava/util/List;Ljava/lang/Object;)Ljava/util/List;
java/util/Collections synchronizedMap(Ljava/util/Map;)Ljava/util/Map;
java/util/Collections synchronizedSortedMap(Ljava/util/SortedMap;)Ljava/util/SortedMap;
java/util/Collections checkedCollection(Ljava/util/Collection;Ljava/lang/Class;)Ljava/util/Collection;
java/util/Collections
checkedSet(Ljava/util/Set;Ljava/lang/Class;)Ljava/util/Set;
java/util/Collections checkedSortedSet(Ljava/util/SortedSet;Ljava/lang/Class;)Ljava/util/SortedSet;
java/util/Collections checkedList(Ljava/util/List;Ljava/lang/Class;)Ljava/util/List;
java/util/Collections checkedMap(Ljava/util/Map;Ljava/lang/Class;Ljava/lang/Class;)Ljava/util/Map;
java/util/Collections
checkedSortedMap(Ljava/util/SortedMap;Ljava/lang/Class;Ljava/lang/Class;)Ljava/util/SortedMap;
java/util/Collections emptySet()Ljava/util/Set;
java/util/Collections emptyList()Ljava/util/List;
java/util/Collections emptyMap()Ljava/util/Map;
java/util/Collections singleton(Ljava/lang/Object;)Ljava/util/Set;
java/util/Collections singletonList(Ljava/lang/Object;)Ljava/util/List;
java/util/Collections singletonMap(Ljava/lang/Object;Ljava/lang/Object;)Ljava/util/Map;
java/util/Collections nCopies(ILjava/lang/Object;)Ljava/util/List;
java/util/Collections reverseOrder()Ljava/util/Comparator;
java/util/Collections
reverseOrder(Ljava/util/Comparator;)Ljava/util/Comparator;
java/util/Collections enumeration(Ljava/util/Collection;)Ljava/util/Enumeration;
java/util/Collections list(Ljava/util/Enumeration;)Ljava/util/ArrayList;
java/util/Collections eq(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/Collections frequency(Ljava/util/Collection;Ljava/lang/Object;)I
java/util/Collections disjoint(Ljava/util/Collection;Ljava/util/Collection;)Z
java/util/Collections addAll(Ljava/util/Collection;[Ljava/lang/Object;)Z
java/util/Collections access$000(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/Collections <clinit>()V
class java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
java/util/concurrent/atomic/AtomicReferenceFieldUpdater
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl unsafe
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl offset
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
tclass
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl vclass

java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl cclass
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
<init>(Ljava/lang/Class;Ljava/lang/Class;Ljava/lang/String;)V
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
compareAndSet(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
weakCompareAndSet(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
set(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
ensureProtectedAccess(Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl <clinit>()V
class java/util/concurrent/atomic/AtomicReferenceFieldUpdater java/lang/Object
java/util/concurrent/atomic/AtomicReferenceFieldUpdater
newUpdater(Ljava/lang/Class;Ljava/lang/Class;Ljava/lang/String;)Ljava/util/concurrent/atomic/AtomicReferenceFieldUpdater;
java/util/concurrent/atomic/AtomicReferenceFieldUpdater <init>()V
java/util/concurrent/atomic/AtomicReferenceFieldUpdater
compareAndSet(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/atomic/AtomicReferenceFieldUpdater
weakCompareAndSet(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/concurrent/atomic/AtomicReferenceFieldUpdater set(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/concurrent/atomic/AtomicReferenceFieldUpdater get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/concurrent/atomic/AtomicReferenceFieldUpdater
getAndSet(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
class java/io/BufferedInputStream java/io/FilterInputStream
java/io/BufferedInputStream defaultBufferSize
java/io/BufferedInputStream buf
java/io/BufferedInputStream bufUpdater
java/io/BufferedInputStream count
java/io/BufferedInputStream pos
java/io/BufferedInputStream markpos
java/io/BufferedInputStream marklimit
java/io/BufferedInputStream getInIfOpen()Ljava/io/InputStream;
java/io/BufferedInputStream getBufIfOpen()[B
java/io/BufferedInputStream <init>(Ljava/io/InputStream;)V
java/io/BufferedInputStream <init>(Ljava/io/InputStream;I)V
java/io/BufferedInputStream fill()V
java/io/BufferedInputStream read()I
java/io/BufferedInputStream read1([BII)I
java/io/BufferedInputStream read([BII)I
java/io/BufferedInputStream skip(J)J
java/io/BufferedInputStream available()I
java/io/BufferedInputStream mark(I)V
java/io/BufferedInputStream reset()V
java/io/BufferedInputStream markSupported()Z

java/io/BufferedInputStream
 close()V
java/io/BufferedInputStream <clinit>()V
class java/io/FilterInputStream java/io/InputStream
java/io/FilterInputStream in
java/io/FilterInputStream <init>(Ljava/io/InputStream;)V
java/io/FilterInputStream read()I
java/io/FilterInputStream read([B)I
java/io/FilterInputStream read([BII)I
java/io/FilterInputStream skip(J)J
java/io/FilterInputStream available()I
java/io/FilterInputStream close()V
java/io/FilterInputStream mark(I)V
java/io/FilterInputStream reset()V
java/io/FilterInputStream markSupported()Z
class java/io/FileOutputStream java/io/OutputStream
java/io/FileOutputStream fd
java/io/FileOutputStream channel
java/io/FileOutputStream append
java/io/FileOutputStream <init>(Ljava/lang/String;)V
java/io/FileOutputStream <init>(Ljava/lang/String;Z)V
java/io/FileOutputStream <init>(Ljava/io/File;)V
java/io/FileOutputStream <init>(Ljava/io/File;Z)V
java/io/FileOutputStream <init>(Ljava/io/FileDescriptor;)V
java/io/FileOutputStream open(Ljava/lang/String;)V
java/io/FileOutputStream
 openAppend(Ljava/lang/String;)V
java/io/FileOutputStream write(I)V
java/io/FileOutputStream writeBytes([BII)V
java/io/FileOutputStream write([B)V
java/io/FileOutputStream write([BII)V
java/io/FileOutputStream close()V
java/io/FileOutputStream getFD()Ljava/io/FileDescriptor;
java/io/FileOutputStream getChannel()Ljava/nio/channels/FileChannel;
java/io/FileOutputStream finalize()V
java/io/FileOutputStream close0()V
java/io/FileOutputStream initIDs()V
java/io/FileOutputStream <clinit>()V
class java/io/OutputStream java/lang/Object
java/io/OutputStream <init>()V
java/io/OutputStream write(I)V
java/io/OutputStream write([B)V
java/io/OutputStream write([BII)V
java/io/OutputStream flush()V
java/io/OutputStream close()V
class java/io/Flushable java/lang/Object
java/io/Flushable flush()V
class java/io/FileDescriptor java/lang/Object

java/io/FileDescriptor fd
java/io/FileDescriptor handle
java/io/FileDescriptor in
java/io/FileDescriptor out
java/io/FileDescriptor
 err
java/io/FileDescriptor <init>()V
java/io/FileDescriptor <init>(I)V
java/io/FileDescriptor valid()Z
java/io/FileDescriptor sync()V
java/io/FileDescriptor initIDs()V
java/io/FileDescriptor set(I)J
java/io/FileDescriptor standardStream(I)Ljava/io/FileDescriptor;
java/io/FileDescriptor <clinit>()V
class java/io/FileInputStream java/io/InputStream
java/io/FileInputStream fd
java/io/FileInputStream channel
java/io/FileInputStream <init>(Ljava/lang/String;)V
java/io/FileInputStream <init>(Ljava/io/File;)V
java/io/FileInputStream <init>(Ljava/io/FileDescriptor;)V
java/io/FileInputStream open(Ljava/lang/String;)V
java/io/FileInputStream read()I
java/io/FileInputStream readBytes([BII)I
java/io/FileInputStream read([B)I
java/io/FileInputStream read([BII)I
java/io/FileInputStream skip(J)J
java/io/FileInputStream available()I
java/io/FileInputStream close()V
java/io/FileInputStream getFD()Ljava/io/FileDescriptor;
java/io/FileInputStream getChannel()Ljava/nio/channels/FileChannel;
java/io/FileInputStream
 initIDs()V
java/io/FileInputStream close0()V
java/io/FileInputStream finalize()V
java/io/FileInputStream <clinit>()V
class java/io/InputStream java/lang/Object
java/io/InputStream SKIP_BUFFER_SIZE
java/io/InputStream skipBuffer
java/io/InputStream <init>()V
java/io/InputStream read()I
java/io/InputStream read([B)I
java/io/InputStream read([BII)I
java/io/InputStream skip(J)J
java/io/InputStream available()I
java/io/InputStream close()V
java/io/InputStream mark(I)V
java/io/InputStream reset()V
java/io/InputStream markSupported()Z

class java/io/Closeable java/lang/Object
java/io/Closeable close()V
class java/util/Hashtable$Entry java/lang/Object
java/util/Hashtable$Entry hash
java/util/Hashtable$Entry key
java/util/Hashtable$Entry value
java/util/Hashtable$Entry next
java/util/Hashtable$Entry <init>(ILjava/lang/Object;Ljava/lang/Object;Ljava/util/Hashtable$Entry;)V
java/util/Hashtable$Entry clone()Ljava/lang/Object;
java/util/Hashtable$Entry getKey()Ljava/lang/Object;
java/util/Hashtable$Entry
 getValue()Ljava/lang/Object;
java/util/Hashtable$Entry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Hashtable$Entry equals(Ljava/lang/Object;)Z
java/util/Hashtable$Entry hashCode()I
java/util/Hashtable$Entry toString()Ljava/lang/String;
class java/util/Hashtable$EmptyIterator java/lang/Object
java/util/Hashtable$EmptyIterator <init>()V
java/util/Hashtable$EmptyIterator hasNext()Z
java/util/Hashtable$EmptyIterator next()Ljava/lang/Object;
java/util/Hashtable$EmptyIterator remove()V
class java/util/Iterator java/lang/Object
java/util/Iterator hasNext()Z
java/util/Iterator next()Ljava/lang/Object;
java/util/Iterator remove()V
class java/util/Hashtable$EmptyEnumerator java/lang/Object
java/util/Hashtable$EmptyEnumerator <init>()V
java/util/Hashtable$EmptyEnumerator hasMoreElements()Z
java/util/Hashtable$EmptyEnumerator nextElement()Ljava/lang/Object;
class java/util/Enumeration java/lang/Object
java/util/Enumeration hasMoreElements()Z
java/util/Enumeration
 nextElement()Ljava/lang/Object;
class java/lang/ref/Finalizer$FinalizerThread java/lang/Thread
java/lang/ref/Finalizer$FinalizerThread <init>(Ljava/lang/ThreadGroup;)V
java/lang/ref/Finalizer$FinalizerThread run()V
class java/lang/ref/Reference$ReferenceHandler java/lang/Thread
java/lang/ref/Reference$ReferenceHandler <init>(Ljava/lang/ThreadGroup;Ljava/lang/String;)V
java/lang/ref/Reference$ReferenceHandler run()V
class java/lang/ref/Reference$Lock java/lang/Object
java/lang/ref/Reference$Lock <init>()V
java/lang/ref/Reference$Lock <init>(Ljava/lang/ref/Reference$1;)V
class java/lang/reflect/ReflectPermission java/security/BasicPermission
java/lang/reflect/ReflectPermission serialVersionUID
java/lang/reflect/ReflectPermission <init>(Ljava/lang/String;)V
java/lang/reflect/ReflectPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/lang/annotation/Annotation java/lang/Object
java/lang/annotation/Annotation equals(Ljava/lang/Object;)Z

java/lang/annotation/Annotation hashCode()I
java/lang/annotation/Annotation
toString()Ljava/lang/String;
java/lang/annotation/Annotation annotationType()Ljava/lang/Class;
class java/lang/NoSuchMethodError java/lang/IncompatibleClassChangeError
java/lang/NoSuchMethodError <init>()V
java/lang/NoSuchMethodError <init>(Ljava/lang/String;)V
class java/lang/IncompatibleClassChangeError java/lang/LinkageError
java/lang/IncompatibleClassChangeError <init>()V
java/lang/IncompatibleClassChangeError <init>(Ljava/lang/String;)V
class java/util/HashMap$Entry java/lang/Object
java/util/HashMap$Entry key
java/util/HashMap$Entry value
java/util/HashMap$Entry hash
java/util/HashMap$Entry next
java/util/HashMap$Entry <init>(ILjava/lang/Object;Ljava/lang/Object;Ljava/util/HashMap$Entry;)V
java/util/HashMap$Entry getKey()Ljava/lang/Object;
java/util/HashMap$Entry getValue()Ljava/lang/Object;
java/util/HashMap$Entry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/HashMap$Entry equals(Ljava/lang/Object;)Z
java/util/HashMap$Entry hashCode()I
java/util/HashMap$Entry
toString()Ljava/lang/String;
java/util/HashMap$Entry recordAccess(Ljava/util/HashMap;)V
java/util/HashMap$Entry recordRemoval(Ljava/util/HashMap;)V
class java/util/Map$Entry java/lang/Object
java/util/Map$Entry getKey()Ljava/lang/Object;
java/util/Map$Entry getValue()Ljava/lang/Object;
java/util/Map$Entry setValue(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Map$Entry equals(Ljava/lang/Object;)Z
java/util/Map$Entry hashCode()I
class java/util/Stack java/util/Vector
java/util/Stack serialVersionUID
java/util/Stack <init>()V
java/util/Stack push(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Stack pop()Ljava/lang/Object;
java/util/Stack peek()Ljava/lang/Object;
java/util/Stack empty()Z
java/util/Stack search(Ljava/lang/Object;)I
class java/security/AccessController java/lang/Object
java/security/AccessController <init>()V
java/security/AccessController doPrivileged(Ljava/security/PrivilegedAction;)Ljava/lang/Object;
java/security/AccessController
doPrivileged(Ljava/security/PrivilegedAction;Ljava/security/AccessControlContext;)Ljava/lang/Object;
java/security/AccessController
doPrivileged(Ljava/security/PrivilegedExceptionAction;)Ljava/lang/Object;
java/security/AccessController
doPrivileged(Ljava/security/PrivilegedExceptionAction;Ljava/security/AccessControlContext;)Ljava/lang/Object;

java/security/AccessController getStackAccessControlContext()Ljava/security/AccessControlContext;
java/security/AccessController getInheritedAccessControlContext()Ljava/security/AccessControlContext;
java/security/AccessController getContext()Ljava/security/AccessControlContext;
java/security/AccessController checkPermission(Ljava/security/Permission;)V
class java/security/PrivilegedAction java/lang/Object
java/security/PrivilegedAction run()Ljava/lang/Object;
class java/io/ObjectStreamClass java/lang/Object
java/io/ObjectStreamClass NO_FIELDS
java/io/ObjectStreamClass serialVersionUID
java/io/ObjectStreamClass serialPersistentFields
java/io/ObjectStreamClass
 reflFactory
java/io/ObjectStreamClass cl
java/io/ObjectStreamClass name
java/io/ObjectStreamClass suid
java/io/ObjectStreamClass isProxy
java/io/ObjectStreamClass isEnum
java/io/ObjectStreamClass serializable
java/io/ObjectStreamClass externalizable
java/io/ObjectStreamClass hasWriteObjectData
java/io/ObjectStreamClass hasBlockExternalData
java/io/ObjectStreamClass resolveEx
java/io/ObjectStreamClass deserializeEx
java/io/ObjectStreamClass serializeEx
java/io/ObjectStreamClass defaultSerializeEx
java/io/ObjectStreamClass fields
java/io/ObjectStreamClass primDataSize
java/io/ObjectStreamClass numObjFields
java/io/ObjectStreamClass fieldRefl
java/io/ObjectStreamClass dataLayout
java/io/ObjectStreamClass cons
java/io/ObjectStreamClass writeObjectMethod
java/io/ObjectStreamClass readObjectMethod
java/io/ObjectStreamClass readObjectNoDataMethod
java/io/ObjectStreamClass writeReplaceMethod
java/io/ObjectStreamClass readResolveMethod
java/io/ObjectStreamClass localDesc
java/io/ObjectStreamClass
 superDesc
java/io/ObjectStreamClass initNative()V
java/io/ObjectStreamClass lookup(Ljava/lang/Class;)Ljava/io/ObjectStreamClass;
java/io/ObjectStreamClass getName()Ljava/lang/String;
java/io/ObjectStreamClass getSerialVersionUID()J
java/io/ObjectStreamClass forClass()Ljava/lang/Class;
java/io/ObjectStreamClass getFields()[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass getField(Ljava/lang/String;)Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass toString()Ljava/lang/String;
java/io/ObjectStreamClass lookup(Ljava/lang/Class;Z)Ljava/io/ObjectStreamClass;

java/io/ObjectStreamClass <init>(Ljava/lang/Class;)V
java/io/ObjectStreamClass <init>()V
java/io/ObjectStreamClass
initProxy(Ljava/lang/Class;Ljava/lang/ClassNotFoundException;Ljava/io/ObjectStreamClass;)V
java/io/ObjectStreamClass
initNonProxy(Ljava/io/ObjectStreamClass;Ljava/lang/Class;Ljava/lang/ClassNotFoundException;Ljava/io/ObjectStreamClass;)V
java/io/ObjectStreamClass readNonProxy(Ljava/io/ObjectInputStream;)V
java/io/ObjectStreamClass
writeNonProxy(Ljava/io/ObjectOutputStream;)V
java/io/ObjectStreamClass getResolveException()Ljava/lang/ClassNotFoundException;
java/io/ObjectStreamClass checkDeserialize()V
java/io/ObjectStreamClass checkSerialize()V
java/io/ObjectStreamClass checkDefaultSerialize()V
java/io/ObjectStreamClass getSuperDesc()Ljava/io/ObjectStreamClass;
java/io/ObjectStreamClass getLocalDesc()Ljava/io/ObjectStreamClass;
java/io/ObjectStreamClass getFields(Z)[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass getField(Ljava/lang/String;Ljava/lang/Class;)Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass isProxy()Z
java/io/ObjectStreamClass isEnum()Z
java/io/ObjectStreamClass isExternalizable()Z
java/io/ObjectStreamClass isSerializable()Z
java/io/ObjectStreamClass hasBlockExternalData()Z
java/io/ObjectStreamClass hasWriteObjectData()Z
java/io/ObjectStreamClass isInstantiable()Z
java/io/ObjectStreamClass hasWriteObjectMethod()Z
java/io/ObjectStreamClass hasReadObjectMethod()Z
java/io/ObjectStreamClass
hasReadObjectNoDataMethod()Z
java/io/ObjectStreamClass hasWriteReplaceMethod()Z
java/io/ObjectStreamClass hasReadResolveMethod()Z
java/io/ObjectStreamClass newInstance()Ljava/lang/Object;
java/io/ObjectStreamClass invokeWriteObject(Ljava/lang/Object;Ljava/io/ObjectOutputStream;)V
java/io/ObjectStreamClass invokeReadObject(Ljava/lang/Object;Ljava/io/ObjectInputStream;)V
java/io/ObjectStreamClass invokeReadObjectNoData(Ljava/lang/Object;)V
java/io/ObjectStreamClass invokeWriteReplace(Ljava/lang/Object;)Ljava/lang/Object;
java/io/ObjectStreamClass invokeReadResolve(Ljava/lang/Object;)Ljava/lang/Object;
java/io/ObjectStreamClass getClassDataLayout()[Ljava/io/ObjectStreamClass$ClassDataSlot;
java/io/ObjectStreamClass getClassDataLayout0()[Ljava/io/ObjectStreamClass$ClassDataSlot;
java/io/ObjectStreamClass getPrimDataSize()I
java/io/ObjectStreamClass getNumObjFields()I
java/io/ObjectStreamClass getPrimFieldValues(Ljava/lang/Object;[B)V
java/io/ObjectStreamClass setPrimFieldValues(Ljava/lang/Object;[B)V
java/io/ObjectStreamClass
getObjFieldValues(Ljava/lang/Object;[Ljava/lang/Object;)V
java/io/ObjectStreamClass setObjFieldValues(Ljava/lang/Object;[Ljava/lang/Object;)V
java/io/ObjectStreamClass computeFieldOffsets()V
java/io/ObjectStreamClass getVariantFor(Ljava/lang/Class;)Ljava/io/ObjectStreamClass;

java/io/ObjectStreamClass getExternalizableConstructor(Ljava/lang/Class;)Ljava/lang/reflect/Constructor;
java/io/ObjectStreamClass getSerializableConstructor(Ljava/lang/Class;)Ljava/lang/reflect/Constructor;
java/io/ObjectStreamClass
getInheritableMethod(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass
getPrivateMethod(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass packageEquals(Ljava/lang/Class;Ljava/lang/Class;)Z
java/io/ObjectStreamClass getPackageName(Ljava/lang/Class;)Ljava/lang/String;
java/io/ObjectStreamClass
classNamesEqual(Ljava/lang/String;Ljava/lang/String;)Z
java/io/ObjectStreamClass getClassSignature(Ljava/lang/Class;)Ljava/lang/String;
java/io/ObjectStreamClass getMethodSignature([Ljava/lang/Class;Ljava/lang/Class;)Ljava/lang/String;
java/io/ObjectStreamClass throwMiscException(Ljava/lang/Throwable;)V
java/io/ObjectStreamClass getSerialFields(Ljava/lang/Class;)[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass getDeclaredSerialFields(Ljava/lang/Class;)[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass getDefaultSerialFields(Ljava/lang/Class;)[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass getDeclaredSUID(Ljava/lang/Class;)Ljava/lang/Long;
java/io/ObjectStreamClass computeDefaultSUID(Ljava/lang/Class;)J
java/io/ObjectStreamClass hasStaticInitializer(Ljava/lang/Class;)Z
java/io/ObjectStreamClass
getReflector([Ljava/io/ObjectStreamField;Ljava/io/ObjectStreamClass;)Ljava/io/ObjectStreamClass$FieldReflector;
java/io/ObjectStreamClass
matchFields([Ljava/io/ObjectStreamField;Ljava/io/ObjectStreamClass;)[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass
processQueue(Ljava/lang/ref/ReferenceQueue;Ljava/util/concurrent/ConcurrentMap;)V
java/io/ObjectStreamClass access$000(Ljava/io/ObjectStreamClass;)Ljava/lang/Class;
java/io/ObjectStreamClass access$100(Ljava/lang/Class;)J
java/io/ObjectStreamClass access$400(Ljava/io/ObjectStreamClass;)Z
java/io/ObjectStreamClass access$502(Ljava/io/ObjectStreamClass;Ljava/lang/Long;)Ljava/lang/Long;
java/io/ObjectStreamClass
access$602(Ljava/io/ObjectStreamClass;[Ljava/io/ObjectStreamField;)[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass access$700(Ljava/lang/Class;)Ljava/lang/Long;
java/io/ObjectStreamClass access$800(Ljava/lang/Class;)[Ljava/io/ObjectStreamField;
java/io/ObjectStreamClass access$900(Ljava/io/ObjectStreamClass;)V
java/io/ObjectStreamClass
access$1002(Ljava/io/ObjectStreamClass;Ljava/io/InvalidClassException;)Ljava/io/InvalidClassException;
java/io/ObjectStreamClass
access$1102(Ljava/io/ObjectStreamClass;Ljava/io/InvalidClassException;)Ljava/io/InvalidClassException;
java/io/ObjectStreamClass
access$1200(Ljava/io/ObjectStreamClass;)Z
java/io/ObjectStreamClass
access$1302(Ljava/io/ObjectStreamClass;Ljava/lang/reflect/Constructor;)Ljava/lang/reflect/Constructor;
java/io/ObjectStreamClass access$1400(Ljava/lang/Class;)Ljava/lang/reflect/Constructor;
java/io/ObjectStreamClass access$1500(Ljava/lang/Class;)Ljava/lang/reflect/Constructor;
java/io/ObjectStreamClass
access$1602(Ljava/io/ObjectStreamClass;Ljava/lang/reflect/Method;)Ljava/lang/reflect/Method;

java/io/ObjectStreamClass
access$1700(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass
access$1802(Ljava/io/ObjectStreamClass;Ljava/lang/reflect/Method;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass
access$1902(Ljava/io/ObjectStreamClass;Ljava/lang/reflect/Method;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass access$2002(Ljava/io/ObjectStreamClass;Z)Z
java/io/ObjectStreamClass
access$1600(Ljava/io/ObjectStreamClass;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass
access$2102(Ljava/io/ObjectStreamClass;Ljava/lang/reflect/Method;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass
access$2200(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass
access$2302(Ljava/io/ObjectStreamClass;Ljava/lang/reflect/Method;)Ljava/lang/reflect/Method;
java/io/ObjectStreamClass access$2400([Ljava/lang/Class;Ljava/lang/Class;)Ljava/lang/String;
java/io/ObjectStreamClass <clinit>()V
class java/util/HashMap java/util/AbstractMap
java/util/HashMap DEFAULT_INITIAL_CAPACITY
java/util/HashMap MAXIMUM_CAPACITY
java/util/HashMap DEFAULT_LOAD_FACTOR
java/util/HashMap table
java/util/HashMap size
java/util/HashMap threshold
java/util/HashMap loadFactor
java/util/HashMap modCount
java/util/HashMap NULL_KEY
java/util/HashMap useNewHash
java/util/HashMap entrySet
java/util/HashMap
serialVersionUID
java/util/HashMap <init>(IF)V
java/util/HashMap <init>(I)V
java/util/HashMap <init>()V
java/util/HashMap <init>(Ljava/util/Map;)V
java/util/HashMap init()V
java/util/HashMap maskNull(Ljava/lang/Object;)Ljava/lang/Object;
java/util/HashMap unmaskNull(Ljava/lang/Object;)Ljava/lang/Object;
java/util/HashMap oldHash(I)I
java/util/HashMap newHash(I)I
java/util/HashMap hash(I)I
java/util/HashMap hash(Ljava/lang/Object;)I
java/util/HashMap eq(Ljava/lang/Object;Ljava/lang/Object;)Z
java/util/HashMap indexFor(II)I
java/util/HashMap size()I
java/util/HashMap isEmpty()Z
java/util/HashMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/HashMap getForNullKey()Ljava/lang/Object;

java/util/HashMap containsKey(Ljava/lang/Object;)Z
java/util/HashMap getEntry(Ljava/lang/Object;)Ljava/util/HashMap$Entry;
java/util/HashMap put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/HashMap putForNullKey(Ljava/lang/Object;)Ljava/lang/Object;
java/util/HashMap
putForCreate(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/HashMap putAllForCreate(Ljava/util/Map;)V
java/util/HashMap resize(I)V
java/util/HashMap transfer([Ljava/util/HashMap$Entry;)V
java/util/HashMap putAll(Ljava/util/Map;)V
java/util/HashMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/HashMap removeEntryForKey(Ljava/lang/Object;)Ljava/util/HashMap$Entry;
java/util/HashMap removeMapping(Ljava/lang/Object;)Ljava/util/HashMap$Entry;
java/util/HashMap clear()V
java/util/HashMap containsValue(Ljava/lang/Object;)Z
java/util/HashMap containsNullValue()Z
java/util/HashMap clone()Ljava/lang/Object;
java/util/HashMap addEntry(ILjava/lang/Object;Ljava/lang/Object;I)V
java/util/HashMap createEntry(ILjava/lang/Object;Ljava/lang/Object;I)V
java/util/HashMap newKeyIterator()Ljava/util/Iterator;
java/util/HashMap newValueIterator()Ljava/util/Iterator;
java/util/HashMap newEntryIterator()Ljava/util/Iterator;
java/util/HashMap keySet()Ljava/util/Set;
java/util/HashMap values()Ljava/util/Collection;
java/util/HashMap
entrySet()Ljava/util/Set;
java/util/HashMap writeObject(Ljava/io/ObjectOutputStream;)V
java/util/HashMap readObject(Ljava/io/ObjectInputStream;)V
java/util/HashMap capacity()I
java/util/HashMap loadFactor()F
java/util/HashMap <clinit>()V
class java/lang/ref/ReferenceQueue$Lock java/lang/Object
java/lang/ref/ReferenceQueue$Lock <init>()V
java/lang/ref/ReferenceQueue$Lock <init>(Ljava/lang/ref/ReferenceQueue$1;)V
class java/lang/ref/ReferenceQueue$Null java/lang/ref/ReferenceQueue
java/lang/ref/ReferenceQueue$Null <init>()V
java/lang/ref/ReferenceQueue$Null enqueue(Ljava/lang/ref/Reference;)Z
java/lang/ref/ReferenceQueue$Null <init>(Ljava/lang/ref/ReferenceQueue$1;)V
class java/lang/ref/ReferenceQueue java/lang/Object
java/lang/ref/ReferenceQueue NULL
java/lang/ref/ReferenceQueue ENQUEUED
java/lang/ref/ReferenceQueue lock
java/lang/ref/ReferenceQueue head
java/lang/ref/ReferenceQueue queueLength
java/lang/ref/ReferenceQueue <init>()V
java/lang/ref/ReferenceQueue
enqueue(Ljava/lang/ref/Reference;)Z
java/lang/ref/ReferenceQueue reallyPoll()Ljava/lang/ref/Reference;

java/lang/ref/ReferenceQueue poll()Ljava/lang/ref/Reference;
java/lang/ref/ReferenceQueue remove(J)Ljava/lang/ref/Reference;
java/lang/ref/ReferenceQueue remove()Ljava/lang/ref/Reference;
java/lang/ref/ReferenceQueue <clinit>()V
class java/util/AbstractMap java/lang/Object
java/util/AbstractMap keySet
java/util/AbstractMap values
java/util/AbstractMap <init>()V
java/util/AbstractMap size()I
java/util/AbstractMap isEmpty()Z
java/util/AbstractMap containsValue(Ljava/lang/Object;)Z
java/util/AbstractMap containsKey(Ljava/lang/Object;)Z
java/util/AbstractMap get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/AbstractMap put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/AbstractMap remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/AbstractMap putAll(Ljava/util/Map;)V
java/util/AbstractMap clear()V
java/util/AbstractMap keySet()Ljava/util/Set;
java/util/AbstractMap
values()Ljava/util/Collection;
java/util/AbstractMap entrySet()Ljava/util/Set;
java/util/AbstractMap equals(Ljava/lang/Object;)Z
java/util/AbstractMap hashCode()I
java/util/AbstractMap toString()Ljava/lang/String;
java/util/AbstractMap clone()Ljava/lang/Object;
class java/lang/RuntimePermission java/security/BasicPermission
java/lang/RuntimePermission serialVersionUID
java/lang/RuntimePermission <init>(Ljava/lang/String;)V
java/lang/RuntimePermission <init>(Ljava/lang/String;Ljava/lang/String;)V
class java/security/BasicPermission java/security/Permission
java/security/BasicPermission serialVersionUID
java/security/BasicPermission wildcard
java/security/BasicPermission path
java/security/BasicPermission init(Ljava/lang/String;)V
java/security/BasicPermission <init>(Ljava/lang/String;)V
java/security/BasicPermission <init>(Ljava/lang/String;Ljava/lang/String;)V
java/security/BasicPermission implies(Ljava/security/Permission;)Z
java/security/BasicPermission equals(Ljava/lang/Object;)Z
java/security/BasicPermission
hashCode()I
java/security/BasicPermission getActions()Ljava/lang/String;
java/security/BasicPermission newPermissionCollection()Ljava/security/PermissionCollection;
java/security/BasicPermission readObject(Ljava/io/ObjectInputStream;)V
class java/security/Permission java/lang/Object
java/security/Permission serialVersionUID
java/security/Permission name
java/security/Permission <init>(Ljava/lang/String;)V
java/security/Permission checkGuard(Ljava/lang/Object;)V

java/security/Permission implies(Ljava/security/Permission;)Z
java/security/Permission equals(Ljava/lang/Object;)Z
java/security/Permission hashCode()I
java/security/Permission getName()Ljava/lang/String;
java/security/Permission getActions()Ljava/lang/String;
java/security/Permission newPermissionCollection()Ljava/security/PermissionCollection;
java/security/Permission toString()Ljava/lang/String;
class java/security/Guard java/lang/Object
java/security/Guard checkGuard(Ljava/lang/Object;)V
class
java/lang/String$CaseInsensitiveComparator java/lang/Object
java/lang/String$CaseInsensitiveComparator serialVersionUID
java/lang/String$CaseInsensitiveComparator <init>()V
java/lang/String$CaseInsensitiveComparator compare(Ljava/lang/String;Ljava/lang/String;)I
java/lang/String$CaseInsensitiveComparator compare(Ljava/lang/Object;Ljava/lang/Object;)I
java/lang/String$CaseInsensitiveComparator <init>(Ljava/lang/String$1;)V
class java/util/Comparator java/lang/Object
java/util/Comparator compare(Ljava/lang/Object;Ljava/lang/Object;)I
java/util/Comparator equals(Ljava/lang/Object;)Z
class java/io/ObjectStreamField java/lang/Object
java/io/ObjectStreamField name
java/io/ObjectStreamField signature
java/io/ObjectStreamField type
java/io/ObjectStreamField unshared
java/io/ObjectStreamField field
java/io/ObjectStreamField offset
java/io/ObjectStreamField <init>(Ljava/lang/String;Ljava/lang/Class;)V
java/io/ObjectStreamField <init>(Ljava/lang/String;Ljava/lang/Class;Z)V
java/io/ObjectStreamField
<init>(Ljava/lang/String;Ljava/lang/String;Z)V
java/io/ObjectStreamField <init>(Ljava/lang/reflect/Field;ZZ)V
java/io/ObjectStreamField getName()Ljava/lang/String;
java/io/ObjectStreamField getType()Ljava/lang/Class;
java/io/ObjectStreamField getTypeCode()C
java/io/ObjectStreamField getTypeString()Ljava/lang/String;
java/io/ObjectStreamField getOffset()I
java/io/ObjectStreamField setOffset(I)V
java/io/ObjectStreamField isPrimitive()Z
java/io/ObjectStreamField isUnshared()Z
java/io/ObjectStreamField compareTo(Ljava/lang/Object;)I
java/io/ObjectStreamField toString()Ljava/lang/String;
java/io/ObjectStreamField getField()Ljava/lang/reflect/Field;
java/io/ObjectStreamField getSignature()Ljava/lang/String;
class java/lang/StrictMath java/lang/Object
java/lang/StrictMath E
java/lang/StrictMath PI
java/lang/StrictMath randomNumberGenerator
java/lang/StrictMath negativeZeroFloatBits

java/lang/StrictMath negativeZeroDoubleBits
java/lang/StrictMath <init>()V
java/lang/StrictMath sin(D)D
java/lang/StrictMath
cos(D)D
java/lang/StrictMath tan(D)D
java/lang/StrictMath asin(D)D
java/lang/StrictMath acos(D)D
java/lang/StrictMath atan(D)D
java/lang/StrictMath toRadians(D)D
java/lang/StrictMath toDegrees(D)D
java/lang/StrictMath exp(D)D
java/lang/StrictMath log(D)D
java/lang/StrictMath log10(D)D
java/lang/StrictMath sqrt(D)D
java/lang/StrictMath cbrt(D)D
java/lang/StrictMath IEEEremainder(DD)D
java/lang/StrictMath ceil(D)D
java/lang/StrictMath floor(D)D
java/lang/StrictMath rint(D)D
java/lang/StrictMath atan2(DD)D
java/lang/StrictMath pow(DD)D
java/lang/StrictMath round(F)I
java/lang/StrictMath round(D)J
java/lang/StrictMath initRNG()V
java/lang/StrictMath random()D
java/lang/StrictMath abs(I)I
java/lang/StrictMath abs(J)J
java/lang/StrictMath abs(F)F
java/lang/StrictMath abs(D)D
java/lang/StrictMath max(II)I
java/lang/StrictMath max(JJ)J
java/lang/StrictMath max(FF)F
java/lang/StrictMath max(DD)D
java/lang/StrictMath min(II)I
java/lang/StrictMath min(JJ)J
java/lang/StrictMath
min(FF)F
java/lang/StrictMath min(DD)D
java/lang/StrictMath ulp(D)D
java/lang/StrictMath ulp(F)F
java/lang/StrictMath signum(D)D
java/lang/StrictMath signum(F)F
java/lang/StrictMath sinh(D)D
java/lang/StrictMath cosh(D)D
java/lang/StrictMath tanh(D)D
java/lang/StrictMath hypot(DD)D
java/lang/StrictMath expm1(D)D

java/lang/StrictMath log1p(D)D
java/lang/StrictMath <clinit>()V
class java/lang/ArithmeticException java/lang/RuntimeException
java/lang/ArithmeticException <init>()V
java/lang/ArithmeticException <init>(Ljava/lang/String;)V
class java/lang/NullPointerException java/lang/RuntimeException
java/lang/NullPointerException <init>()V
java/lang/NullPointerException <init>(Ljava/lang/String;)V
class java/lang/management/MemoryUsage java/lang/Object
java/lang/management/MemoryUsage init
java/lang/management/MemoryUsage used
java/lang/management/MemoryUsage committed
java/lang/management/MemoryUsage max
java/lang/management/MemoryUsage <init>(JJJJ)V
java/lang/management/MemoryUsage
<init>(Ljavax/management/openmbean/CompositeData;)V
java/lang/management/MemoryUsage getInit()J
java/lang/management/MemoryUsage getUsed()J
java/lang/management/MemoryUsage getCommitted()J
java/lang/management/MemoryUsage getMax()J
java/lang/management/MemoryUsage toString()Ljava/lang/String;
java/lang/management/MemoryUsage
from(Ljavax/management/openmbean/CompositeData;)Ljava/lang/management/MemoryUsage;
class java/lang/Long java/lang/Number
java/lang/Long MIN_VALUE
java/lang/Long MAX_VALUE
java/lang/Long TYPE
java/lang/Long value
java/lang/Long SIZE
java/lang/Long serialVersionUID
java/lang/Long toString(JI)Ljava/lang/String;
java/lang/Long toHexString(J)Ljava/lang/String;
java/lang/Long toOctalString(J)Ljava/lang/String;
java/lang/Long toBinaryString(J)Ljava/lang/String;
java/lang/Long toUnsignedString(JI)Ljava/lang/String;
java/lang/Long toString(J)Ljava/lang/String;
java/lang/Long getChars(JI[C)V
java/lang/Long stringSize(J)I
java/lang/Long parseLong(Ljava/lang/String;I)J
java/lang/Long
parseLong(Ljava/lang/String;)J
java/lang/Long valueOf(Ljava/lang/String;I)Ljava/lang/Long;
java/lang/Long valueOf(Ljava/lang/String;)Ljava/lang/Long;
java/lang/Long valueOf(J)Ljava/lang/Long;
java/lang/Long decode(Ljava/lang/String;)Ljava/lang/Long;
java/lang/Long <init>(J)V
java/lang/Long <init>(Ljava/lang/String;)V
java/lang/Long byteValue()B

java/lang/Long shortValue()S
java/lang/Long intValue()I
java/lang/Long longValue()J
java/lang/Long floatValue()F
java/lang/Long doubleValue()D
java/lang/Long toString()Ljava/lang/String;
java/lang/Long hashCode()I
java/lang/Long equals(Ljava/lang/Object;)Z
java/lang/Long getLong(Ljava/lang/String;)Ljava/lang/Long;
java/lang/Long getLong(Ljava/lang/String;J)Ljava/lang/Long;
java/lang/Long getLong(Ljava/lang/String;Ljava/lang/Long;)Ljava/lang/Long;
java/lang/Long compareTo(Ljava/lang/Long;)I
java/lang/Long highestOneBit(J)J
java/lang/Long lowestOneBit(J)J
java/lang/Long numberOfLeadingZeros(J)I
java/lang/Long numberOfTrailingZeros(J)I
java/lang/Long
bitCount(J)I
java/lang/Long rotateLeft(JI)J
java/lang/Long rotateRight(JI)J
java/lang/Long reverse(J)J
java/lang/Long signum(J)I
java/lang/Long reverseBytes(J)J
java/lang/Long compareTo(Ljava/lang/Object;)I
java/lang/Long <clinit>()V
class java/lang/Integer java/lang/Number
java/lang/Integer MIN_VALUE
java/lang/Integer MAX_VALUE
java/lang/Integer TYPE
java/lang/Integer digits
java/lang/Integer DigitTens
java/lang/Integer DigitOnes
java/lang/Integer sizeTable
java/lang/Integer value
java/lang/Integer SIZE
java/lang/Integer serialVersionUID
java/lang/Integer toString(II)Ljava/lang/String;
java/lang/Integer toHexString(I)Ljava/lang/String;
java/lang/Integer toOctalString(I)Ljava/lang/String;
java/lang/Integer toBinaryString(I)Ljava/lang/String;
java/lang/Integer toUnsignedString(II)Ljava/lang/String;
java/lang/Integer toString(I)Ljava/lang/String;
java/lang/Integer getChars(II[C)V
java/lang/Integer stringSize(I)I
java/lang/Integer parseInt(Ljava/lang/String;I)I
java/lang/Integer
parseInt(Ljava/lang/String;)I
java/lang/Integer valueOf(Ljava/lang/String;I)Ljava/lang/Integer;

java/lang/Integer valueOf(Ljava/lang/String;)Ljava/lang/Integer;
java/lang/Integer valueOf(I)Ljava/lang/Integer;
java/lang/Integer <init>(I)V
java/lang/Integer <init>(Ljava/lang/String;)V
java/lang/Integer byteValue()B
java/lang/Integer shortValue()S
java/lang/Integer intValue()I
java/lang/Integer longValue()J
java/lang/Integer floatValue()F
java/lang/Integer doubleValue()D
java/lang/Integer toString()Ljava/lang/String;
java/lang/Integer hashCode()I
java/lang/Integer equals(Ljava/lang/Object;)Z
java/lang/Integer getInteger(Ljava/lang/String;)Ljava/lang/Integer;
java/lang/Integer getInteger(Ljava/lang/String;I)Ljava/lang/Integer;
java/lang/Integer getInteger(Ljava/lang/String;Ljava/lang/Integer;)Ljava/lang/Integer;
java/lang/Integer decode(Ljava/lang/String;)Ljava/lang/Integer;
java/lang/Integer compareTo(Ljava/lang/Integer;)I
java/lang/Integer highestOneBit(I)I
java/lang/Integer lowestOneBit(I)I
java/lang/Integer
numberOfLeadingZeros(I)I
java/lang/Integer numberOfTrailingZeros(I)I
java/lang/Integer bitCount(I)I
java/lang/Integer rotateLeft(II)I
java/lang/Integer rotateRight(II)I
java/lang/Integer reverse(I)I
java/lang/Integer signum(I)I
java/lang/Integer reverseBytes(I)I
java/lang/Integer compareTo(Ljava/lang/Object;)I
java/lang/Integer <clinit>()V
class java/lang/Short java/lang/Number
java/lang/Short MIN_VALUE
java/lang/Short MAX_VALUE
java/lang/Short TYPE
java/lang/Short value
java/lang/Short SIZE
java/lang/Short serialVersionUID
java/lang/Short toString(S)Ljava/lang/String;
java/lang/Short parseShort(Ljava/lang/String;)S
java/lang/Short parseShort(Ljava/lang/String;I)S
java/lang/Short valueOf(Ljava/lang/String;I)Ljava/lang/Short;
java/lang/Short valueOf(Ljava/lang/String;)Ljava/lang/Short;
java/lang/Short valueOf(S)Ljava/lang/Short;
java/lang/Short decode(Ljava/lang/String;)Ljava/lang/Short;
java/lang/Short <init>(S)V
java/lang/Short <init>(Ljava/lang/String;)V
java/lang/Short

byteValue()B
java/lang/Short shortValue()S
java/lang/Short intValue()I
java/lang/Short longValue()J
java/lang/Short floatValue()F
java/lang/Short doubleValue()D
java/lang/Short toString()Ljava/lang/String;
java/lang/Short hashCode()I
java/lang/Short equals(Ljava/lang/Object;)Z
java/lang/Short compareTo(Ljava/lang/Short;)I
java/lang/Short reverseBytes(S)S
java/lang/Short compareTo(Ljava/lang/Object;)I
java/lang/Short <clinit>()V
class java/lang/Byte java/lang/Number
java/lang/Byte MIN_VALUE
java/lang/Byte MAX_VALUE
java/lang/Byte TYPE
java/lang/Byte value
java/lang/Byte SIZE
java/lang/Byte serialVersionUID
java/lang/Byte toString(B)Ljava/lang/String;
java/lang/Byte valueOf(B)Ljava/lang/Byte;
java/lang/Byte parseByte(Ljava/lang/String;)B
java/lang/Byte parseByte(Ljava/lang/String;I)B
java/lang/Byte valueOf(Ljava/lang/String;I)Ljava/lang/Byte;
java/lang/Byte valueOf(Ljava/lang/String;)Ljava/lang/Byte;
java/lang/Byte decode(Ljava/lang/String;)Ljava/lang/Byte;
java/lang/Byte <init>(B)V
java/lang/Byte
<init>(Ljava/lang/String;)V
java/lang/Byte byteValue()B
java/lang/Byte shortValue()S
java/lang/Byte intValue()I
java/lang/Byte longValue()J
java/lang/Byte floatValue()F
java/lang/Byte doubleValue()D
java/lang/Byte toString()Ljava/lang/String;
java/lang/Byte hashCode()I
java/lang/Byte equals(Ljava/lang/Object;)Z
java/lang/Byte compareTo(Ljava/lang/Byte;)I
java/lang/Byte compareTo(Ljava/lang/Object;)I
java/lang/Byte <clinit>()V
class java/lang/Double java/lang/Number
java/lang/Double POSITIVE_INFINITY
java/lang/Double NEGATIVE_INFINITY
java/lang/Double NaN
java/lang/Double MAX_VALUE
java/lang/Double MIN_VALUE

java/lang/Double SIZE
java/lang/Double TYPE
java/lang/Double value
java/lang/Double serialVersionUID
java/lang/Double toString(D)Ljava/lang/String;
java/lang/Double toHexString(D)Ljava/lang/String;
java/lang/Double valueOf(Ljava/lang/String;)Ljava/lang/Double;
java/lang/Double valueOf(D)Ljava/lang/Double;
java/lang/Double parseDouble(Ljava/lang/String;)D
java/lang/Double
isNaN(D)Z
java/lang/Double isInfinite(D)Z
java/lang/Double <init>(D)V
java/lang/Double <init>(Ljava/lang/String;)V
java/lang/Double isNaN()Z
java/lang/Double isInfinite()Z
java/lang/Double toString()Ljava/lang/String;
java/lang/Double byteValue()B
java/lang/Double shortValue()S
java/lang/Double intValue()I
java/lang/Double longValue()J
java/lang/Double floatValue()F
java/lang/Double doubleValue()D
java/lang/Double hashCode()I
java/lang/Double equals(Ljava/lang/Object;)Z
java/lang/Double doubleToLongBits(D)J
java/lang/Double doubleToRawLongBits(D)J
java/lang/Double longBitsToDouble(J)D
java/lang/Double compareTo(Ljava/lang/Double;)I
java/lang/Double compare(DD)I
java/lang/Double compareTo(Ljava/lang/Object;)I
java/lang/Double <clinit>()V
class java/lang/Float java/lang/Number
java/lang/Float POSITIVE_INFINITY
java/lang/Float NEGATIVE_INFINITY
java/lang/Float NaN
java/lang/Float MAX_VALUE
java/lang/Float MIN_VALUE
java/lang/Float SIZE
java/lang/Float TYPE
java/lang/Float value
java/lang/Float
serialVersionUID
java/lang/Float toString(F)Ljava/lang/String;
java/lang/Float toHexString(F)Ljava/lang/String;
java/lang/Float valueOf(Ljava/lang/String;)Ljava/lang/Float;
java/lang/Float valueOf(F)Ljava/lang/Float;
java/lang/Float parseFloat(Ljava/lang/String;)F

java/lang/Float isNaN(F)Z
java/lang/Float isInfinite(F)Z
java/lang/Float <init>(F)V
java/lang/Float <init>(D)V
java/lang/Float <init>(Ljava/lang/String;)V
java/lang/Float isNaN()Z
java/lang/Float isInfinite()Z
java/lang/Float toString()Ljava/lang/String;
java/lang/Float byteValue()B
java/lang/Float shortValue()S
java/lang/Float intValue()I
java/lang/Float longValue()J
java/lang/Float floatValue()F
java/lang/Float doubleValue()D
java/lang/Float hashCode()I
java/lang/Float equals(Ljava/lang/Object;)Z
java/lang/Float floatToIntBits(F)I
java/lang/Float floatToRawIntBits(F)I
java/lang/Float intBitsToFloat(I)F
java/lang/Float compareTo(Ljava/lang/Float;)I
java/lang/Float compare(FF)I
java/lang/Float compareTo(Ljava/lang/Object;)I
java/lang/Float
<clinit>()V
class java/lang/Number java/lang/Object
java/lang/Number serialVersionUID
java/lang/Number <init>()V
java/lang/Number intValue()I
java/lang/Number longValue()J
java/lang/Number floatValue()F
java/lang/Number doubleValue()D
java/lang/Number byteValue()B
java/lang/Number shortValue()S
class java/lang/Character java/lang/Object
java/lang/Character MIN_RADIX
java/lang/Character MAX_RADIX
java/lang/Character MIN_VALUE
java/lang/Character MAX_VALUE
java/lang/Character TYPE
java/lang/Character UNASSIGNED
java/lang/Character UPPERCASE_LETTER
java/lang/Character LOWERCASE_LETTER
java/lang/Character TITLECASE_LETTER
java/lang/Character MODIFIER_LETTER
java/lang/Character OTHER_LETTER
java/lang/Character NON_SPACING_MARK
java/lang/Character ENCLOSING_MARK
java/lang/Character COMBINING_SPACING_MARK

java/lang/Character DECIMAL_DIGIT_NUMBER
java/lang/Character LETTER_NUMBER
java/lang/Character OTHER_NUMBER
java/lang/Character SPACE_SEPARATOR
java/lang/Character
LINE_SEPARATOR
java/lang/Character PARAGRAPH_SEPARATOR
java/lang/Character CONTROL
java/lang/Character FORMAT
java/lang/Character PRIVATE_USE
java/lang/Character SURROGATE
java/lang/Character DASH_PUNCTUATION
java/lang/Character START_PUNCTUATION
java/lang/Character END_PUNCTUATION
java/lang/Character CONNECTOR_PUNCTUATION
java/lang/Character OTHER_PUNCTUATION
java/lang/Character MATH_SYMBOL
java/lang/Character CURRENCY_SYMBOL
java/lang/Character MODIFIER_SYMBOL
java/lang/Character OTHER_SYMBOL
java/lang/Character INITIAL_QUOTE_PUNCTUATION
java/lang/Character FINAL_QUOTE_PUNCTUATION
java/lang/Character ERROR
java/lang/Character DIRECTIONALITY_UNDEFINED
java/lang/Character DIRECTIONALITY_LEFT_TO_RIGHT
java/lang/Character DIRECTIONALITY_RIGHT_TO_LEFT
java/lang/Character DIRECTIONALITY_RIGHT_TO_LEFT_ARABIC
java/lang/Character DIRECTIONALITY_EUROPEAN_NUMBER
java/lang/Character DIRECTIONALITY_EUROPEAN_NUMBER_SEPARATOR
java/lang/Character DIRECTIONALITY_EUROPEAN_NUMBER_TERMINATOR
java/lang/Character
DIRECTIONALITY_ARABIC_NUMBER
java/lang/Character DIRECTIONALITY_COMMON_NUMBER_SEPARATOR
java/lang/Character DIRECTIONALITY_NONSPACING_MARK
java/lang/Character DIRECTIONALITY_BOUNDARY_NEUTRAL
java/lang/Character DIRECTIONALITY_PARAGRAPH_SEPARATOR
java/lang/Character DIRECTIONALITY_SEGMENT_SEPARATOR
java/lang/Character DIRECTIONALITY_WHITESPACE
java/lang/Character DIRECTIONALITY_OTHER_NEUTRALS
java/lang/Character DIRECTIONALITY_LEFT_TO_RIGHT_EMBEDDING
java/lang/Character DIRECTIONALITY_LEFT_TO_RIGHT_OVERRIDE
java/lang/Character DIRECTIONALITY_RIGHT_TO_LEFT_EMBEDDING
java/lang/Character DIRECTIONALITY_RIGHT_TO_LEFT_OVERRIDE
java/lang/Character DIRECTIONALITY_POP_DIRECTIONAL_FORMAT
java/lang/Character MIN_HIGH_SURROGATE
java/lang/Character MAX_HIGH_SURROGATE
java/lang/Character MIN_LOW_SURROGATE
java/lang/Character MAX_LOW_SURROGATE

java/lang/Character MIN_SURROGATE
java/lang/Character MAX_SURROGATE
java/lang/Character MIN_SUPPLEMENTARY_CODE_POINT
java/lang/Character MIN_CODE_POINT
java/lang/Character
MAX_CODE_POINT
java/lang/Character value
java/lang/Character serialVersionUID
java/lang/Character FAST_PATH_MAX
java/lang/Character SIZE
java/lang/Character $assertionsDisabled
java/lang/Character <init>(C)V
java/lang/Character valueOf(C)Ljava/lang/Character;
java/lang/Character charValue()C
java/lang/Character hashCode()I
java/lang/Character equals(Ljava/lang/Object;)Z
java/lang/Character toString()Ljava/lang/String;
java/lang/Character toString(C)Ljava/lang/String;
java/lang/Character getPlane(I)I
java/lang/Character isValidCodePoint(I)Z
java/lang/Character isSupplementaryCodePoint(I)Z
java/lang/Character isHighSurrogate(C)Z
java/lang/Character isLowSurrogate(C)Z
java/lang/Character isSurrogatePair(CC)Z
java/lang/Character charCount(I)I
java/lang/Character toCodePoint(CC)I
java/lang/Character codePointAt(Ljava/lang/CharSequence;I)I
java/lang/Character codePointAt([CI)I
java/lang/Character codePointAt([CII)I
java/lang/Character codePointAtImpl([CII)I
java/lang/Character
codePointBefore(Ljava/lang/CharSequence;I)I
java/lang/Character codePointBefore([CI)I
java/lang/Character codePointBefore([CII)I
java/lang/Character codePointBeforeImpl([CII)I
java/lang/Character toChars(I[CI)I
java/lang/Character toChars(I)[C
java/lang/Character toSurrogates(I[CI)V
java/lang/Character codePointCount(Ljava/lang/CharSequence;II)I
java/lang/Character codePointCount([CII)I
java/lang/Character codePointCountImpl([CII)I
java/lang/Character offsetByCodePoints(Ljava/lang/CharSequence;II)I
java/lang/Character offsetByCodePoints([CIIII)I
java/lang/Character offsetByCodePointsImpl([CIIII)I
java/lang/Character isLowerCase(C)Z
java/lang/Character isLowerCase(I)Z
java/lang/Character isUpperCase(C)Z
java/lang/Character isUpperCase(I)Z

java/lang/Character isTitleCase(C)Z
java/lang/Character isTitleCase(I)Z
java/lang/Character isDigit(C)Z
java/lang/Character isDigit(I)Z
java/lang/Character isDefined(C)Z
java/lang/Character isDefined(I)Z
java/lang/Character isLetter(C)Z
java/lang/Character
isLetter(I)Z
java/lang/Character isLetterOrDigit(C)Z
java/lang/Character isLetterOrDigit(I)Z
java/lang/Character isJavaLetter(C)Z
java/lang/Character isJavaLetterOrDigit(C)Z
java/lang/Character isJavaIdentifierStart(C)Z
java/lang/Character isJavaIdentifierStart(I)Z
java/lang/Character isJavaIdentifierPart(C)Z
java/lang/Character isJavaIdentifierPart(I)Z
java/lang/Character isUnicodeIdentifierStart(C)Z
java/lang/Character isUnicodeIdentifierStart(I)Z
java/lang/Character isUnicodeIdentifierPart(C)Z
java/lang/Character isUnicodeIdentifierPart(I)Z
java/lang/Character isIdentifierIgnorable(C)Z
java/lang/Character isIdentifierIgnorable(I)Z
java/lang/Character toLowerCase(C)C
java/lang/Character toLowerCase(I)I
java/lang/Character toUpperCase(C)C
java/lang/Character toUpperCase(I)I
java/lang/Character toTitleCase(C)C
java/lang/Character toTitleCase(I)I
java/lang/Character digit(CI)I
java/lang/Character digit(II)I
java/lang/Character getNumericValue(C)I
java/lang/Character
getNumericValue(I)I
java/lang/Character isSpace(C)Z
java/lang/Character isSpaceChar(C)Z
java/lang/Character isSpaceChar(I)Z
java/lang/Character isWhitespace(C)Z
java/lang/Character isWhitespace(I)Z
java/lang/Character isISOControl(C)Z
java/lang/Character isISOControl(I)Z
java/lang/Character getType(C)I
java/lang/Character getType(I)I
java/lang/Character forDigit(II)C
java/lang/Character getDirectionality(C)B
java/lang/Character getDirectionality(I)B
java/lang/Character isMirrored(C)Z
java/lang/Character isMirrored(I)Z

java/lang/Character compareTo(Ljava/lang/Character;)I
java/lang/Character toUpperCaseEx(I)I
java/lang/Character toUpperCaseCharArray(I)[C
java/lang/Character reverseBytes(C)C
java/lang/Character compareTo(Ljava/lang/Object;)I
java/lang/Character <clinit>()V
class java/lang/Boolean java/lang/Object
java/lang/Boolean TRUE
java/lang/Boolean FALSE
java/lang/Boolean TYPE
java/lang/Boolean value
java/lang/Boolean serialVersionUID
java/lang/Boolean <init>(Z)V
java/lang/Boolean
 <init>(Ljava/lang/String;)V
java/lang/Boolean parseBoolean(Ljava/lang/String;)Z
java/lang/Boolean booleanValue()Z
java/lang/Boolean valueOf(Z)Ljava/lang/Boolean;
java/lang/Boolean valueOf(Ljava/lang/String;)Ljava/lang/Boolean;
java/lang/Boolean toString(Z)Ljava/lang/String;
java/lang/Boolean toString()Ljava/lang/String;
java/lang/Boolean hashCode()I
java/lang/Boolean equals(Ljava/lang/Object;)Z
java/lang/Boolean getBoolean(Ljava/lang/String;)Z
java/lang/Boolean compareTo(Ljava/lang/Boolean;)I
java/lang/Boolean toBoolean(Ljava/lang/String;)Z
java/lang/Boolean compareTo(Ljava/lang/Object;)I
java/lang/Boolean <clinit>()V
class java/nio/Buffer java/lang/Object
java/nio/Buffer mark
java/nio/Buffer position
java/nio/Buffer limit
java/nio/Buffer capacity
java/nio/Buffer address
java/nio/Buffer <init>(IIII)V
java/nio/Buffer capacity()I
java/nio/Buffer position()I
java/nio/Buffer position(I)Ljava/nio/Buffer;
java/nio/Buffer limit()I
java/nio/Buffer limit(I)Ljava/nio/Buffer;
java/nio/Buffer mark()Ljava/nio/Buffer;
java/nio/Buffer
 reset()Ljava/nio/Buffer;
java/nio/Buffer clear()Ljava/nio/Buffer;
java/nio/Buffer flip()Ljava/nio/Buffer;
java/nio/Buffer rewind()Ljava/nio/Buffer;
java/nio/Buffer remaining()I
java/nio/Buffer hasRemaining()Z

java/nio/Buffer isReadOnly()Z
java/nio/Buffer nextGetIndex()I
java/nio/Buffer nextGetIndex(I)I
java/nio/Buffer nextPutIndex()I
java/nio/Buffer nextPutIndex(I)I
java/nio/Buffer checkIndex(I)I
java/nio/Buffer checkIndex(II)I
java/nio/Buffer markValue()I
java/nio/Buffer checkBounds(III)V
class java/lang/StackTraceElement java/lang/Object
java/lang/StackTraceElement declaringClass
java/lang/StackTraceElement methodName
java/lang/StackTraceElement fileName
java/lang/StackTraceElement lineNumber
java/lang/StackTraceElement serialVersionUID
java/lang/StackTraceElement <init>(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;I)V
java/lang/StackTraceElement getFileName()Ljava/lang/String;
java/lang/StackTraceElement getLineNumber()I
java/lang/StackTraceElement
getClassName()Ljava/lang/String;
java/lang/StackTraceElement getMethodName()Ljava/lang/String;
java/lang/StackTraceElement isNativeMethod()Z
java/lang/StackTraceElement toString()Ljava/lang/String;
java/lang/StackTraceElement equals(Ljava/lang/Object;)Z
java/lang/StackTraceElement eq(Ljava/lang/Object;Ljava/lang/Object;)Z
java/lang/StackTraceElement hashCode()I
class java/lang/StringBuffer java/lang/AbstractStringBuilder
java/lang/StringBuffer serialVersionUID
java/lang/StringBuffer serialPersistentFields
java/lang/StringBuffer <init>()V
java/lang/StringBuffer <init>(I)V
java/lang/StringBuffer <init>(Ljava/lang/String;)V
java/lang/StringBuffer <init>(Ljava/lang/CharSequence;)V
java/lang/StringBuffer length()I
java/lang/StringBuffer capacity()I
java/lang/StringBuffer ensureCapacity(I)V
java/lang/StringBuffer trimToSize()V
java/lang/StringBuffer setLength(I)V
java/lang/StringBuffer charAt(I)C
java/lang/StringBuffer codePointAt(I)I
java/lang/StringBuffer codePointBefore(I)I
java/lang/StringBuffer
codePointCount(II)I
java/lang/StringBuffer offsetByCodePoints(II)I
java/lang/StringBuffer getChars(II[CI)V
java/lang/StringBuffer setCharAt(IC)V
java/lang/StringBuffer append(Ljava/lang/Object;)Ljava/lang/StringBuffer;
java/lang/StringBuffer append(Ljava/lang/String;)Ljava/lang/StringBuffer;

java/lang/StringBuffer append(Ljava/lang/StringBuffer;)Ljava/lang/StringBuffer;
java/lang/StringBuffer append(Ljava/lang/CharSequence;)Ljava/lang/StringBuffer;
java/lang/StringBuffer append(Ljava/lang/CharSequence;II)Ljava/lang/StringBuffer;
java/lang/StringBuffer append([C)Ljava/lang/StringBuffer;
java/lang/StringBuffer append([CII)Ljava/lang/StringBuffer;
java/lang/StringBuffer append(Z)Ljava/lang/StringBuffer;
java/lang/StringBuffer append(C)Ljava/lang/StringBuffer;
java/lang/StringBuffer append(I)Ljava/lang/StringBuffer;
java/lang/StringBuffer appendCodePoint(I)Ljava/lang/StringBuffer;
java/lang/StringBuffer append(J)Ljava/lang/StringBuffer;
java/lang/StringBuffer append(F)Ljava/lang/StringBuffer;
java/lang/StringBuffer
append(D)Ljava/lang/StringBuffer;
java/lang/StringBuffer delete(II)Ljava/lang/StringBuffer;
java/lang/StringBuffer deleteCharAt(I)Ljava/lang/StringBuffer;
java/lang/StringBuffer replace(IILjava/lang/String;)Ljava/lang/StringBuffer;
java/lang/StringBuffer substring(I)Ljava/lang/String;
java/lang/StringBuffer subSequence(II)Ljava/lang/CharSequence;
java/lang/StringBuffer substring(II)Ljava/lang/String;
java/lang/StringBuffer insert(I[CII)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(ILjava/lang/Object;)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(ILjava/lang/String;)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(I[C)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(ILjava/lang/CharSequence;)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(ILjava/lang/CharSequence;II)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(IZ)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(IC)Ljava/lang/StringBuffer;
java/lang/StringBuffer
insert(II)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(IJ)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(IF)Ljava/lang/StringBuffer;
java/lang/StringBuffer insert(ID)Ljava/lang/StringBuffer;
java/lang/StringBuffer indexOf(Ljava/lang/String;)I
java/lang/StringBuffer indexOf(Ljava/lang/String;I)I
java/lang/StringBuffer lastIndexOf(Ljava/lang/String;)I
java/lang/StringBuffer lastIndexOf(Ljava/lang/String;I)I
java/lang/StringBuffer reverse()Ljava/lang/StringBuffer;
java/lang/StringBuffer toString()Ljava/lang/String;
java/lang/StringBuffer writeObject(Ljava/io/ObjectOutputStream;)V
java/lang/StringBuffer readObject(Ljava/io/ObjectInputStream;)V
java/lang/StringBuffer reverse()Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(ID)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(IF)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(IJ)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(II)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer
insert(IC)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(IZ)Ljava/lang/AbstractStringBuilder;

java/lang/StringBuffer insert(ILjava/lang/CharSequence;II)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(ILjava/lang/CharSequence;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(I[C)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(ILjava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(ILjava/lang/Object;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer insert(I[CII)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer replace(IILjava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer deleteCharAt(I)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer appendCodePoint(I)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer delete(II)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(D)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer
append(F)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(J)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(I)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(C)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(Z)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append([CII)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append([C)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(Ljava/lang/CharSequence;II)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(Ljava/lang/CharSequence;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(Ljava/lang/StringBuffer;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(Ljava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(Ljava/lang/Object;)Ljava/lang/AbstractStringBuilder;
java/lang/StringBuffer append(C)Ljava/lang/Appendable;
java/lang/StringBuffer append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/lang/StringBuffer
append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
java/lang/StringBuffer <clinit>()V
class java/lang/AbstractStringBuilder java/lang/Object
java/lang/AbstractStringBuilder value
java/lang/AbstractStringBuilder count
java/lang/AbstractStringBuilder sizeTable
java/lang/AbstractStringBuilder <init>()V
java/lang/AbstractStringBuilder <init>(I)V
java/lang/AbstractStringBuilder length()I
java/lang/AbstractStringBuilder capacity()I
java/lang/AbstractStringBuilder ensureCapacity(I)V
java/lang/AbstractStringBuilder expandCapacity(I)V
java/lang/AbstractStringBuilder trimToSize()V
java/lang/AbstractStringBuilder setLength(I)V
java/lang/AbstractStringBuilder charAt(I)C
java/lang/AbstractStringBuilder codePointAt(I)I
java/lang/AbstractStringBuilder codePointBefore(I)I
java/lang/AbstractStringBuilder codePointCount(II)I
java/lang/AbstractStringBuilder offsetByCodePoints(II)I
java/lang/AbstractStringBuilder getChars(II[CI)V
java/lang/AbstractStringBuilder

setCharAt(IC)V
java/lang/AbstractStringBuilder append(Ljava/lang/Object;)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append(Ljava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append(Ljava/lang/StringBuffer;)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append(Ljava/lang/CharSequence;)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append(Ljava/lang/CharSequence;II)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append([C)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append([CII)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append(Z)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append(C)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append(I)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder stringSizeOfInt(I)I
java/lang/AbstractStringBuilder append(J)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder
stringSizeOfLong(J)I
java/lang/AbstractStringBuilder append(F)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder append(D)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder delete(II)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder appendCodePoint(I)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder deleteCharAt(I)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder replace(IILjava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder substring(I)Ljava/lang/String;
java/lang/AbstractStringBuilder subSequence(II)Ljava/lang/CharSequence;
java/lang/AbstractStringBuilder substring(II)Ljava/lang/String;
java/lang/AbstractStringBuilder insert(I[CII)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(ILjava/lang/Object;)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(ILjava/lang/String;)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder
insert(I[C)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(ILjava/lang/CharSequence;)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(ILjava/lang/CharSequence;II)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(IZ)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(IC)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(II)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(IJ)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(IF)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder insert(ID)Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder indexOf(Ljava/lang/String;)I
java/lang/AbstractStringBuilder indexOf(Ljava/lang/String;I)I
java/lang/AbstractStringBuilder lastIndexOf(Ljava/lang/String;)I
java/lang/AbstractStringBuilder lastIndexOf(Ljava/lang/String;I)I
java/lang/AbstractStringBuilder
reverse()Ljava/lang/AbstractStringBuilder;
java/lang/AbstractStringBuilder toString()Ljava/lang/String;
java/lang/AbstractStringBuilder getValue()[C
java/lang/AbstractStringBuilder append(C)Ljava/lang/Appendable;
java/lang/AbstractStringBuilder append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/lang/AbstractStringBuilder append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;

java/lang/AbstractStringBuilder <clinit>()V
class java/lang/Appendable java/lang/Object
java/lang/Appendable append(Ljava/lang/CharSequence;)Ljava/lang/Appendable;
java/lang/Appendable append(Ljava/lang/CharSequence;II)Ljava/lang/Appendable;
java/lang/Appendable append(C)Ljava/lang/Appendable;
class java/util/Vector java/util/AbstractList
java/util/Vector elementData
java/util/Vector elementCount
java/util/Vector capacityIncrement
java/util/Vector serialVersionUID
java/util/Vector <init>(II)V
java/util/Vector <init>(I)V
java/util/Vector <init>()V
java/util/Vector
 <init>(Ljava/util/Collection;)V
java/util/Vector copyInto([Ljava/lang/Object;)V
java/util/Vector trimToSize()V
java/util/Vector ensureCapacity(I)V
java/util/Vector ensureCapacityHelper(I)V
java/util/Vector setSize(I)V
java/util/Vector capacity()I
java/util/Vector size()I
java/util/Vector isEmpty()Z
java/util/Vector elements()Ljava/util/Enumeration;
java/util/Vector contains(Ljava/lang/Object;)Z
java/util/Vector indexOf(Ljava/lang/Object;)I
java/util/Vector indexOf(Ljava/lang/Object;I)I
java/util/Vector lastIndexOf(Ljava/lang/Object;)I
java/util/Vector lastIndexOf(Ljava/lang/Object;I)I
java/util/Vector elementAt(I)Ljava/lang/Object;
java/util/Vector firstElement()Ljava/lang/Object;
java/util/Vector lastElement()Ljava/lang/Object;
java/util/Vector setElementAt(Ljava/lang/Object;I)V
java/util/Vector removeElementAt(I)V
java/util/Vector insertElementAt(Ljava/lang/Object;I)V
java/util/Vector addElement(Ljava/lang/Object;)V
java/util/Vector removeElement(Ljava/lang/Object;)Z
java/util/Vector
 removeAllElements()V
java/util/Vector clone()Ljava/lang/Object;
java/util/Vector toArray()[Ljava/lang/Object;
java/util/Vector toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/Vector get(I)Ljava/lang/Object;
java/util/Vector set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/Vector add(Ljava/lang/Object;)Z
java/util/Vector remove(Ljava/lang/Object;)Z
java/util/Vector add(ILjava/lang/Object;)V
java/util/Vector remove(I)Ljava/lang/Object;

java/util/Vector clear()V
java/util/Vector containsAll(Ljava/util/Collection;)Z
java/util/Vector addAll(Ljava/util/Collection;)Z
java/util/Vector removeAll(Ljava/util/Collection;)Z
java/util/Vector retainAll(Ljava/util/Collection;)Z
java/util/Vector addAll(ILjava/util/Collection;)Z
java/util/Vector equals(Ljava/lang/Object;)Z
java/util/Vector hashCode()I
java/util/Vector toString()Ljava/lang/String;
java/util/Vector subList(II)Ljava/util/List;
java/util/Vector removeRange(II)V
java/util/Vector writeObject(Ljava/io/ObjectOutputStream;)V
class
 java/util/AbstractList java/util/AbstractCollection
java/util/AbstractList modCount
java/util/AbstractList <init>()V
java/util/AbstractList add(Ljava/lang/Object;)Z
java/util/AbstractList get(I)Ljava/lang/Object;
java/util/AbstractList set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/AbstractList add(ILjava/lang/Object;)V
java/util/AbstractList remove(I)Ljava/lang/Object;
java/util/AbstractList indexOf(Ljava/lang/Object;)I
java/util/AbstractList lastIndexOf(Ljava/lang/Object;)I
java/util/AbstractList clear()V
java/util/AbstractList addAll(ILjava/util/Collection;)Z
java/util/AbstractList iterator()Ljava/util/Iterator;
java/util/AbstractList listIterator()Ljava/util/ListIterator;
java/util/AbstractList listIterator(I)Ljava/util/ListIterator;
java/util/AbstractList subList(II)Ljava/util/List;
java/util/AbstractList equals(Ljava/lang/Object;)Z
java/util/AbstractList hashCode()I
java/util/AbstractList removeRange(II)V
class java/util/AbstractCollection java/lang/Object
java/util/AbstractCollection
 <init>()V
java/util/AbstractCollection iterator()Ljava/util/Iterator;
java/util/AbstractCollection size()I
java/util/AbstractCollection isEmpty()Z
java/util/AbstractCollection contains(Ljava/lang/Object;)Z
java/util/AbstractCollection toArray()[Ljava/lang/Object;
java/util/AbstractCollection toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/AbstractCollection add(Ljava/lang/Object;)Z
java/util/AbstractCollection remove(Ljava/lang/Object;)Z
java/util/AbstractCollection containsAll(Ljava/util/Collection;)Z
java/util/AbstractCollection addAll(Ljava/util/Collection;)Z
java/util/AbstractCollection removeAll(Ljava/util/Collection;)Z
java/util/AbstractCollection retainAll(Ljava/util/Collection;)Z
java/util/AbstractCollection clear()V

java/util/AbstractCollection toString()Ljava/lang/String;
class java/util/RandomAccess java/lang/Object
class java/util/List java/lang/Object
java/util/List size()I
java/util/List isEmpty()Z
java/util/List contains(Ljava/lang/Object;)Z
java/util/List
 iterator()Ljava/util/Iterator;
java/util/List toArray()[Ljava/lang/Object;
java/util/List toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/List add(Ljava/lang/Object;)Z
java/util/List remove(Ljava/lang/Object;)Z
java/util/List containsAll(Ljava/util/Collection;)Z
java/util/List addAll(Ljava/util/Collection;)Z
java/util/List addAll(ILjava/util/Collection;)Z
java/util/List removeAll(Ljava/util/Collection;)Z
java/util/List retainAll(Ljava/util/Collection;)Z
java/util/List clear()V
java/util/List equals(Ljava/lang/Object;)Z
java/util/List hashCode()I
java/util/List get(I)Ljava/lang/Object;
java/util/List set(ILjava/lang/Object;)Ljava/lang/Object;
java/util/List add(ILjava/lang/Object;)V
java/util/List remove(I)Ljava/lang/Object;
java/util/List indexOf(Ljava/lang/Object;)I
java/util/List lastIndexOf(Ljava/lang/Object;)I
java/util/List listIterator()Ljava/util/ListIterator;
java/util/List listIterator(I)Ljava/util/ListIterator;
java/util/List subList(II)Ljava/util/List;
class
 java/util/Collection java/lang/Object
java/util/Collection size()I
java/util/Collection isEmpty()Z
java/util/Collection contains(Ljava/lang/Object;)Z
java/util/Collection iterator()Ljava/util/Iterator;
java/util/Collection toArray()[Ljava/lang/Object;
java/util/Collection toArray([Ljava/lang/Object;)[Ljava/lang/Object;
java/util/Collection add(Ljava/lang/Object;)Z
java/util/Collection remove(Ljava/lang/Object;)Z
java/util/Collection containsAll(Ljava/util/Collection;)Z
java/util/Collection addAll(Ljava/util/Collection;)Z
java/util/Collection removeAll(Ljava/util/Collection;)Z
java/util/Collection retainAll(Ljava/util/Collection;)Z
java/util/Collection clear()V
java/util/Collection equals(Ljava/lang/Object;)Z
java/util/Collection hashCode()I
class java/lang/Iterable java/lang/Object
java/lang/Iterable iterator()Ljava/util/Iterator;

class java/lang/reflect/Constructor java/lang/reflect/AccessibleObject
java/lang/reflect/Constructor clazz
java/lang/reflect/Constructor slot
java/lang/reflect/Constructor
parameterTypes
java/lang/reflect/Constructor exceptionTypes
java/lang/reflect/Constructor modifiers
java/lang/reflect/Constructor signature
java/lang/reflect/Constructor genericInfo
java/lang/reflect/Constructor annotations
java/lang/reflect/Constructor parameterAnnotations
java/lang/reflect/Constructor constructorAccessor
java/lang/reflect/Constructor root
java/lang/reflect/Constructor EMPTY_ANNOTATION_ARRAY
java/lang/reflect/Constructor declaredAnnotations
java/lang/reflect/Constructor getFactory()Lsun/reflect/generics/factory/GenericsFactory;
java/lang/reflect/Constructor getGenericInfo()Lsun/reflect/generics/repository/ConstructorRepository;
java/lang/reflect/Constructor
<init>(Ljava/lang/Class;[Ljava/lang/Class;[Ljava/lang/Class;IILjava/lang/String;[B[B)V
java/lang/reflect/Constructor copy()Ljava/lang/reflect/Constructor;
java/lang/reflect/Constructor getDeclaringClass()Ljava/lang/Class;
java/lang/reflect/Constructor getName()Ljava/lang/String;
java/lang/reflect/Constructor
getModifiers()I
java/lang/reflect/Constructor getTypeParameters()[Ljava/lang/reflect/TypeVariable;
java/lang/reflect/Constructor getParameterTypes()[Ljava/lang/Class;
java/lang/reflect/Constructor getGenericParameterTypes()[Ljava/lang/reflect/Type;
java/lang/reflect/Constructor getExceptionTypes()[Ljava/lang/Class;
java/lang/reflect/Constructor getGenericExceptionTypes()[Ljava/lang/reflect/Type;
java/lang/reflect/Constructor equals(Ljava/lang/Object;)Z
java/lang/reflect/Constructor hashCode()I
java/lang/reflect/Constructor toString()Ljava/lang/String;
java/lang/reflect/Constructor toGenericString()Ljava/lang/String;
java/lang/reflect/Constructor newInstance([Ljava/lang/Object;)Ljava/lang/Object;
java/lang/reflect/Constructor isVarArgs()Z
java/lang/reflect/Constructor isSynthetic()Z
java/lang/reflect/Constructor acquireConstructorAccessor()V
java/lang/reflect/Constructor getConstructorAccessor()Lsun/reflect/ConstructorAccessor;
java/lang/reflect/Constructor setConstructorAccessor(Lsun/reflect/ConstructorAccessor;)V
java/lang/reflect/Constructor
getSlot()I
java/lang/reflect/Constructor getSignature()Ljava/lang/String;
java/lang/reflect/Constructor getRawAnnotations()[B
java/lang/reflect/Constructor getRawParameterAnnotations()[B
java/lang/reflect/Constructor getAnnotation(Ljava/lang/Class;)Ljava/lang/annotation/Annotation;
java/lang/reflect/Constructor getDeclaredAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/reflect/Constructor declaredAnnotations()Ljava/util/Map;
java/lang/reflect/Constructor getParameterAnnotations()[[Ljava/lang/annotation/Annotation;

java/lang/reflect/Constructor <clinit>()V
class java/lang/reflect/Method java/lang/reflect/AccessibleObject
java/lang/reflect/Method clazz
java/lang/reflect/Method slot
java/lang/reflect/Method name
java/lang/reflect/Method returnType
java/lang/reflect/Method parameterTypes
java/lang/reflect/Method exceptionTypes
java/lang/reflect/Method modifiers
java/lang/reflect/Method signature
java/lang/reflect/Method
genericInfo
java/lang/reflect/Method annotations
java/lang/reflect/Method parameterAnnotations
java/lang/reflect/Method annotationDefault
java/lang/reflect/Method methodAccessor
java/lang/reflect/Method root
java/lang/reflect/Method securityCheckTargetClassCache
java/lang/reflect/Method EMPTY_ANNOTATION_ARRAY
java/lang/reflect/Method declaredAnnotations
java/lang/reflect/Method getGenericSignature()Ljava/lang/String;
java/lang/reflect/Method getFactory()Lsun/reflect/generics/factory/GenericsFactory;
java/lang/reflect/Method getGenericInfo()Lsun/reflect/generics/repository/MethodRepository;
java/lang/reflect/Method
<init>(Ljava/lang/Class;Ljava/lang/String;[Ljava/lang/Class;Ljava/lang/Class;[Ljava/lang/Class;IILjava/lang/String;
[B[B[B)V
java/lang/reflect/Method copy()Ljava/lang/reflect/Method;
java/lang/reflect/Method getDeclaringClass()Ljava/lang/Class;
java/lang/reflect/Method getName()Ljava/lang/String;
java/lang/reflect/Method getModifiers()I
java/lang/reflect/Method
getTypeParameters()[Ljava/lang/reflect/TypeVariable;
java/lang/reflect/Method getReturnType()Ljava/lang/Class;
java/lang/reflect/Method getGenericReturnType()Ljava/lang/reflect/Type;
java/lang/reflect/Method getParameterTypes()[Ljava/lang/Class;
java/lang/reflect/Method getGenericParameterTypes()[Ljava/lang/reflect/Type;
java/lang/reflect/Method getExceptionTypes()[Ljava/lang/Class;
java/lang/reflect/Method getGenericExceptionTypes()[Ljava/lang/reflect/Type;
java/lang/reflect/Method equals(Ljava/lang/Object;)Z
java/lang/reflect/Method hashCode()I
java/lang/reflect/Method toString()Ljava/lang/String;
java/lang/reflect/Method toGenericString()Ljava/lang/String;
java/lang/reflect/Method invoke(Ljava/lang/Object;[Ljava/lang/Object;)Ljava/lang/Object;
java/lang/reflect/Method isBridge()Z
java/lang/reflect/Method isVarArgs()Z
java/lang/reflect/Method isSynthetic()Z
java/lang/reflect/Method acquireMethodAccessor()V
java/lang/reflect/Method getMethodAccessor()Lsun/reflect/MethodAccessor;

java/lang/reflect/Method
 setMethodAccessor(Lsun/reflect/MethodAccessor;)V
java/lang/reflect/Method getAnnotation(Ljava/lang/Class;)Ljava/lang/annotation/Annotation;
java/lang/reflect/Method getDeclaredAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/reflect/Method declaredAnnotations()Ljava/util/Map;
java/lang/reflect/Method getDefaultValue()Ljava/lang/Object;
java/lang/reflect/Method getParameterAnnotations()[[Ljava/lang/annotation/Annotation;
java/lang/reflect/Method <clinit>()V
class java/lang/reflect/Field java/lang/reflect/AccessibleObject
java/lang/reflect/Field clazz
java/lang/reflect/Field slot
java/lang/reflect/Field name
java/lang/reflect/Field type
java/lang/reflect/Field modifiers
java/lang/reflect/Field signature
java/lang/reflect/Field genericInfo
java/lang/reflect/Field annotations
java/lang/reflect/Field fieldAccessor
java/lang/reflect/Field overrideFieldAccessor
java/lang/reflect/Field root
java/lang/reflect/Field securityCheckTargetClassCache
java/lang/reflect/Field
 EMPTY_ANNOTATION_ARRAY
java/lang/reflect/Field declaredAnnotations
java/lang/reflect/Field getGenericSignature()Ljava/lang/String;
java/lang/reflect/Field getFactory()Lsun/reflect/generics/factory/GenericsFactory;
java/lang/reflect/Field getGenericInfo()Lsun/reflect/generics/repository/FieldRepository;
java/lang/reflect/Field <init>(Ljava/lang/Class;Ljava/lang/String;Ljava/lang/Class;IILjava/lang/String;[B)V
java/lang/reflect/Field copy()Ljava/lang/reflect/Field;
java/lang/reflect/Field getDeclaringClass()Ljava/lang/Class;
java/lang/reflect/Field getName()Ljava/lang/String;
java/lang/reflect/Field getModifiers()I
java/lang/reflect/Field isEnumConstant()Z
java/lang/reflect/Field isSynthetic()Z
java/lang/reflect/Field getType()Ljava/lang/Class;
java/lang/reflect/Field getGenericType()Ljava/lang/reflect/Type;
java/lang/reflect/Field equals(Ljava/lang/Object;)Z
java/lang/reflect/Field hashCode()I
java/lang/reflect/Field toString()Ljava/lang/String;
java/lang/reflect/Field toGenericString()Ljava/lang/String;
java/lang/reflect/Field
 get(Ljava/lang/Object;)Ljava/lang/Object;
java/lang/reflect/Field getBoolean(Ljava/lang/Object;)Z
java/lang/reflect/Field getByte(Ljava/lang/Object;)B
java/lang/reflect/Field getChar(Ljava/lang/Object;)C
java/lang/reflect/Field getShort(Ljava/lang/Object;)S
java/lang/reflect/Field getInt(Ljava/lang/Object;)I
java/lang/reflect/Field getLong(Ljava/lang/Object;)J

java/lang/reflect/Field getFloat(Ljava/lang/Object;)F
java/lang/reflect/Field getDouble(Ljava/lang/Object;)D
java/lang/reflect/Field set(Ljava/lang/Object;Ljava/lang/Object;)V
java/lang/reflect/Field setBoolean(Ljava/lang/Object;Z)V
java/lang/reflect/Field setByte(Ljava/lang/Object;B)V
java/lang/reflect/Field setChar(Ljava/lang/Object;C)V
java/lang/reflect/Field setShort(Ljava/lang/Object;S)V
java/lang/reflect/Field setInt(Ljava/lang/Object;I)V
java/lang/reflect/Field setLong(Ljava/lang/Object;J)V
java/lang/reflect/Field setFloat(Ljava/lang/Object;F)V
java/lang/reflect/Field
setDouble(Ljava/lang/Object;D)V
java/lang/reflect/Field getFieldAccessor(Ljava/lang/Object;)Lsun/reflect/FieldAccessor;
java/lang/reflect/Field acquireFieldAccessor(Z)Lsun/reflect/FieldAccessor;
java/lang/reflect/Field getFieldAccessor(Z)Lsun/reflect/FieldAccessor;
java/lang/reflect/Field setFieldAccessor(Lsun/reflect/FieldAccessor;Z)V
java/lang/reflect/Field doSecurityCheck(Ljava/lang/Object;)V
java/lang/reflect/Field getTypeName(Ljava/lang/Class;)Ljava/lang/String;
java/lang/reflect/Field getAnnotation(Ljava/lang/Class;)Ljava/lang/annotation/Annotation;
java/lang/reflect/Field getDeclaredAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/reflect/Field declaredAnnotations()Ljava/util/Map;
java/lang/reflect/Field <clinit>()V
class java/lang/reflect/Member java/lang/Object
java/lang/reflect/Member PUBLIC
java/lang/reflect/Member DECLARED
java/lang/reflect/Member getDeclaringClass()Ljava/lang/Class;
java/lang/reflect/Member getName()Ljava/lang/String;
java/lang/reflect/Member getModifiers()I
java/lang/reflect/Member
isSynthetic()Z
class java/lang/reflect/AccessibleObject java/lang/Object
java/lang/reflect/AccessibleObject ACCESS_PERMISSION
java/lang/reflect/AccessibleObject securityCheckCache
java/lang/reflect/AccessibleObject override
java/lang/reflect/AccessibleObject reflectionFactory
java/lang/reflect/AccessibleObject setAccessible([Ljava/lang/reflect/AccessibleObject;Z)V
java/lang/reflect/AccessibleObject setAccessible(Z)V
java/lang/reflect/AccessibleObject setAccessible0(Ljava/lang/reflect/AccessibleObject;Z)V
java/lang/reflect/AccessibleObject isAccessible()Z
java/lang/reflect/AccessibleObject <init>()V
java/lang/reflect/AccessibleObject getAnnotation(Ljava/lang/Class;)Ljava/lang/annotation/Annotation;
java/lang/reflect/AccessibleObject isAnnotationPresent(Ljava/lang/Class;)Z
java/lang/reflect/AccessibleObject getAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/reflect/AccessibleObject getDeclaredAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/reflect/AccessibleObject
<clinit>()V
class java/util/Properties java/util/Hashtable
java/util/Properties serialVersionUID

java/util/Properties defaults
java/util/Properties hexDigit
java/util/Properties <init>()V
java/util/Properties <init>(Ljava/util/Properties;)V
java/util/Properties setProperty(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/Object;
java/util/Properties load(Ljava/io/InputStream;)V
java/util/Properties loadConvert([CII[C)Ljava/lang/String;
java/util/Properties saveConvert(Ljava/lang/String;Z)Ljava/lang/String;
java/util/Properties save(Ljava/io/OutputStream;Ljava/lang/String;)V
java/util/Properties store(Ljava/io/OutputStream;Ljava/lang/String;)V
java/util/Properties writeln(Ljava/io/BufferedWriter;Ljava/lang/String;)V
java/util/Properties loadFromXML(Ljava/io/InputStream;)V
java/util/Properties storeToXML(Ljava/io/OutputStream;Ljava/lang/String;)V
java/util/Properties storeToXML(Ljava/io/OutputStream;Ljava/lang/String;Ljava/lang/String;)V
java/util/Properties
 getProperty(Ljava/lang/String;)Ljava/lang/String;
java/util/Properties getProperty(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/util/Properties propertyNames()Ljava/util/Enumeration;
java/util/Properties list(Ljava/io/PrintStream;)V
java/util/Properties list(Ljava/io/PrintWriter;)V
java/util/Properties enumerate(Ljava/util/Hashtable;)V
java/util/Properties toHex(I)C
java/util/Properties <clinit>()V
class java/util/Hashtable java/util/Dictionary
java/util/Hashtable table
java/util/Hashtable count
java/util/Hashtable threshold
java/util/Hashtable loadFactor
java/util/Hashtable modCount
java/util/Hashtable serialVersionUID
java/util/Hashtable keySet
java/util/Hashtable entrySet
java/util/Hashtable values
java/util/Hashtable KEYS
java/util/Hashtable VALUES
java/util/Hashtable ENTRIES
java/util/Hashtable emptyEnumerator
java/util/Hashtable emptyIterator
java/util/Hashtable <init>(IF)V
java/util/Hashtable <init>(I)V
java/util/Hashtable <init>()V
java/util/Hashtable <init>(Ljava/util/Map;)V
java/util/Hashtable
 size()I
java/util/Hashtable isEmpty()Z
java/util/Hashtable keys()Ljava/util/Enumeration;
java/util/Hashtable elements()Ljava/util/Enumeration;
java/util/Hashtable contains(Ljava/lang/Object;)Z

java/util/Hashtable containsValue(Ljava/lang/Object;)Z
java/util/Hashtable containsKey(Ljava/lang/Object;)Z
java/util/Hashtable get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Hashtable rehash()V
java/util/Hashtable put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/Hashtable remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Hashtable putAll(Ljava/util/Map;)V
java/util/Hashtable clear()V
java/util/Hashtable clone()Ljava/lang/Object;
java/util/Hashtable toString()Ljava/lang/String;
java/util/Hashtable getEnumeration(I)Ljava/util/Enumeration;
java/util/Hashtable getIterator(I)Ljava/util/Iterator;
java/util/Hashtable keySet()Ljava/util/Set;
java/util/Hashtable entrySet()Ljava/util/Set;
java/util/Hashtable values()Ljava/util/Collection;
java/util/Hashtable
 equals(Ljava/lang/Object;)Z
java/util/Hashtable hashCode()I
java/util/Hashtable writeObject(Ljava/io/ObjectOutputStream;)V
java/util/Hashtable readObject(Ljava/io/ObjectInputStream;)V
java/util/Hashtable reconstitutionPut(Ljava/lang/Object;Ljava/lang/Object;)V
java/util/Hashtable access$100(Ljava/util/Hashtable;I)Ljava/util/Iterator;
java/util/Hashtable access$200(Ljava/util/Hashtable;)I
java/util/Hashtable access$400(Ljava/util/Hashtable;)[Ljava/util/Hashtable$Entry;
java/util/Hashtable access$508(Ljava/util/Hashtable;)I
java/util/Hashtable access$210(Ljava/util/Hashtable;)I
java/util/Hashtable access$500(Ljava/util/Hashtable;)I
java/util/Hashtable <clinit>()V
class java/util/Dictionary java/lang/Object
java/util/Dictionary <init>()V
java/util/Dictionary size()I
java/util/Dictionary isEmpty()Z
java/util/Dictionary keys()Ljava/util/Enumeration;
java/util/Dictionary elements()Ljava/util/Enumeration;
java/util/Dictionary get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Dictionary
 put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/Dictionary remove(Ljava/lang/Object;)Ljava/lang/Object;
class java/util/Map java/lang/Object
java/util/Map size()I
java/util/Map isEmpty()Z
java/util/Map containsKey(Ljava/lang/Object;)Z
java/util/Map containsValue(Ljava/lang/Object;)Z
java/util/Map get(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Map put(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
java/util/Map remove(Ljava/lang/Object;)Ljava/lang/Object;
java/util/Map putAll(Ljava/util/Map;)V
java/util/Map clear()V

java/util/Map keySet()Ljava/util/Set;
java/util/Map values()Ljava/util/Collection;
java/util/Map entrySet()Ljava/util/Set;
java/util/Map equals(Ljava/lang/Object;)Z
java/util/Map hashCode()I
class java/lang/ThreadGroup java/lang/Object
java/lang/ThreadGroup parent
java/lang/ThreadGroup name
java/lang/ThreadGroup maxPriority
java/lang/ThreadGroup destroyed
java/lang/ThreadGroup daemon
java/lang/ThreadGroup vmAllowSuspension
java/lang/ThreadGroup
nUnstartedThreads
java/lang/ThreadGroup nthreads
java/lang/ThreadGroup threads
java/lang/ThreadGroup ngroups
java/lang/ThreadGroup groups
java/lang/ThreadGroup <init>()V
java/lang/ThreadGroup <init>(Ljava/lang/String;)V
java/lang/ThreadGroup <init>(Ljava/lang/ThreadGroup;Ljava/lang/String;)V
java/lang/ThreadGroup getName()Ljava/lang/String;
java/lang/ThreadGroup getParent()Ljava/lang/ThreadGroup;
java/lang/ThreadGroup getMaxPriority()I
java/lang/ThreadGroup isDaemon()Z
java/lang/ThreadGroup isDestroyed()Z
java/lang/ThreadGroup setDaemon(Z)V
java/lang/ThreadGroup setMaxPriority(I)V
java/lang/ThreadGroup parentOf(Ljava/lang/ThreadGroup;)Z
java/lang/ThreadGroup checkAccess()V
java/lang/ThreadGroup activeCount()I
java/lang/ThreadGroup enumerate([Ljava/lang/Thread;)I
java/lang/ThreadGroup enumerate([Ljava/lang/Thread;Z)I
java/lang/ThreadGroup enumerate([Ljava/lang/Thread;IZ)I
java/lang/ThreadGroup activeGroupCount()I
java/lang/ThreadGroup enumerate([Ljava/lang/ThreadGroup;)I
java/lang/ThreadGroup
enumerate([Ljava/lang/ThreadGroup;Z)I
java/lang/ThreadGroup enumerate([Ljava/lang/ThreadGroup;IZ)I
java/lang/ThreadGroup stop()V
java/lang/ThreadGroup interrupt()V
java/lang/ThreadGroup suspend()V
java/lang/ThreadGroup stopOrSuspend(Z)Z
java/lang/ThreadGroup resume()V
java/lang/ThreadGroup destroy()V
java/lang/ThreadGroup add(Ljava/lang/ThreadGroup;)V
java/lang/ThreadGroup remove(Ljava/lang/ThreadGroup;)V
java/lang/ThreadGroup addUnstarted()V

java/lang/ThreadGroup add(Ljava/lang/Thread;)V
java/lang/ThreadGroup remove(Ljava/lang/Thread;)V
java/lang/ThreadGroup list()V
java/lang/ThreadGroup list(Ljava/io/PrintStream;I)V
java/lang/ThreadGroup uncaughtException(Ljava/lang/Thread;Ljava/lang/Throwable;)V
java/lang/ThreadGroup allowThreadSuspension(Z)Z
java/lang/ThreadGroup toString()Ljava/lang/String;
class java/lang/Thread$UncaughtExceptionHandler java/lang/Object
java/lang/Thread$UncaughtExceptionHandler uncaughtException(Ljava/lang/Thread;Ljava/lang/Throwable;)V
class
 java/lang/Thread java/lang/Object
java/lang/Thread name
java/lang/Thread priority
java/lang/Thread threadQ
java/lang/Thread eetop
java/lang/Thread started
java/lang/Thread single_step
java/lang/Thread daemon
java/lang/Thread stillborn
java/lang/Thread target
java/lang/Thread group
java/lang/Thread contextClassLoader
java/lang/Thread inheritedAccessControlContext
java/lang/Thread threadInitNumber
java/lang/Thread threadLocals
java/lang/Thread inheritableThreadLocals
java/lang/Thread stackSize
java/lang/Thread tid
java/lang/Thread threadSeqNumber
java/lang/Thread threadStatus
java/lang/Thread blocker
java/lang/Thread blockerLock
java/lang/Thread MIN_PRIORITY
java/lang/Thread NORM_PRIORITY
java/lang/Thread MAX_PRIORITY
java/lang/Thread EMPTY_STACK_TRACE
java/lang/Thread SUBCLASS_IMPLEMENTATION_PERMISSION
java/lang/Thread subclassAudits
java/lang/Thread uncaughtExceptionHandler
java/lang/Thread defaultUncaughtExceptionHandler
java/lang/Thread registerNatives()V
java/lang/Thread
 nextThreadNum()I
java/lang/Thread nextThreadID()J
java/lang/Thread blockedOn(Lsun/nio/ch/Interruptible;)V
java/lang/Thread currentThread()Ljava/lang/Thread;
java/lang/Thread yield()V
java/lang/Thread sleep(J)V

java/lang/Thread sleep(JI)V
java/lang/Thread init(Ljava/lang/ThreadGroup;Ljava/lang/Runnable;Ljava/lang/String;J)V
java/lang/Thread <init>()V
java/lang/Thread <init>(Ljava/lang/Runnable;)V
java/lang/Thread <init>(Ljava/lang/ThreadGroup;Ljava/lang/Runnable;)V
java/lang/Thread <init>(Ljava/lang/String;)V
java/lang/Thread <init>(Ljava/lang/ThreadGroup;Ljava/lang/String;)V
java/lang/Thread <init>(Ljava/lang/Runnable;Ljava/lang/String;)V
java/lang/Thread <init>(Ljava/lang/ThreadGroup;Ljava/lang/Runnable;Ljava/lang/String;)V
java/lang/Thread <init>(Ljava/lang/ThreadGroup;Ljava/lang/Runnable;Ljava/lang/String;J)V
java/lang/Thread start()V
java/lang/Thread start0()V
java/lang/Thread run()V
java/lang/Thread exit()V
java/lang/Thread stop()V
java/lang/Thread stop(Ljava/lang/Throwable;)V
java/lang/Thread
interrupt()V
java/lang/Thread interrupted()Z
java/lang/Thread isInterrupted()Z
java/lang/Thread isInterrupted(Z)Z
java/lang/Thread destroy()V
java/lang/Thread isAlive()Z
java/lang/Thread suspend()V
java/lang/Thread resume()V
java/lang/Thread setPriority(I)V
java/lang/Thread getPriority()I
java/lang/Thread setName(Ljava/lang/String;)V
java/lang/Thread getName()Ljava/lang/String;
java/lang/Thread getThreadGroup()Ljava/lang/ThreadGroup;
java/lang/Thread activeCount()I
java/lang/Thread enumerate([Ljava/lang/Thread;)I
java/lang/Thread countStackFrames()I
java/lang/Thread join(J)V
java/lang/Thread join(JI)V
java/lang/Thread join()V
java/lang/Thread dumpStack()V
java/lang/Thread setDaemon(Z)V
java/lang/Thread isDaemon()Z
java/lang/Thread checkAccess()V
java/lang/Thread toString()Ljava/lang/String;
java/lang/Thread getContextClassLoader()Ljava/lang/ClassLoader;
java/lang/Thread setContextClassLoader(Ljava/lang/ClassLoader;)V
java/lang/Thread holdsLock(Ljava/lang/Object;)Z
java/lang/Thread
getStackTrace()[Ljava/lang/StackTraceElement;
java/lang/Thread getAllStackTraces()Ljava/util/Map;
java/lang/Thread isCCLOverridden(Ljava/lang/Class;)Z

java/lang/Thread auditSubclass(Ljava/lang/Class;)Z
java/lang/Thread dumpThreads([Ljava/lang/Thread;)[[Ljava/lang/StackTraceElement;
java/lang/Thread getThreads()[Ljava/lang/Thread;
java/lang/Thread getId()J
java/lang/Thread getState()Ljava/lang/Thread$State;
java/lang/Thread setDefaultUncaughtExceptionHandler(Ljava/lang/Thread$UncaughtExceptionHandler;)V
java/lang/Thread getDefaultUncaughtExceptionHandler()Ljava/lang/Thread$UncaughtExceptionHandler;
java/lang/Thread getUncaughtExceptionHandler()Ljava/lang/Thread$UncaughtExceptionHandler;
java/lang/Thread setUncaughtExceptionHandler(Ljava/lang/Thread$UncaughtExceptionHandler;)V
java/lang/Thread dispatchUncaughtException(Ljava/lang/Throwable;)V
java/lang/Thread setPriority0(I)V
java/lang/Thread stop0(Ljava/lang/Object;)V
java/lang/Thread suspend0()V
java/lang/Thread resume0()V
java/lang/Thread
 interrupt0()V
java/lang/Thread <clinit>()V
class java/lang/Runnable java/lang/Object
java/lang/Runnable run()V
class java/lang/ref/Finalizer java/lang/ref/FinalReference
java/lang/ref/Finalizer queue
java/lang/ref/Finalizer unfinalized
java/lang/ref/Finalizer lock
java/lang/ref/Finalizer next
java/lang/ref/Finalizer prev
java/lang/ref/Finalizer invokeFinalizeMethod(Ljava/lang/Object;)V
java/lang/ref/Finalizer hasBeenFinalized()Z
java/lang/ref/Finalizer add()V
java/lang/ref/Finalizer remove()V
java/lang/ref/Finalizer <init>(Ljava/lang/Object;)V
java/lang/ref/Finalizer register(Ljava/lang/Object;)V
java/lang/ref/Finalizer runFinalizer()V
java/lang/ref/Finalizer forkSecondaryFinalizer(Ljava/lang/Runnable;)V
java/lang/ref/Finalizer runFinalization()V
java/lang/ref/Finalizer runAllFinalizers()V
java/lang/ref/Finalizer access$000()Ljava/lang/ref/ReferenceQueue;
java/lang/ref/Finalizer access$100(Ljava/lang/ref/Finalizer;)V
java/lang/ref/Finalizer access$200()Ljava/lang/Object;
java/lang/ref/Finalizer
 access$300()Ljava/lang/ref/Finalizer;
java/lang/ref/Finalizer access$302(Ljava/lang/ref/Finalizer;)Ljava/lang/ref/Finalizer;
java/lang/ref/Finalizer access$400(Ljava/lang/ref/Finalizer;)Ljava/lang/ref/Finalizer;
java/lang/ref/Finalizer <clinit>()V
class java/lang/ref/PhantomReference java/lang/ref/Reference
java/lang/ref/PhantomReference get()Ljava/lang/Object;
java/lang/ref/PhantomReference <init>(Ljava/lang/Object;Ljava/lang/ref/ReferenceQueue;)V
class java/lang/ref/FinalReference java/lang/ref/Reference
java/lang/ref/FinalReference <init>(Ljava/lang/Object;Ljava/lang/ref/ReferenceQueue;)V

class java/lang/ref/WeakReference java/lang/ref/Reference
java/lang/ref/WeakReference <init>(Ljava/lang/Object;)V
java/lang/ref/WeakReference <init>(Ljava/lang/Object;Ljava/lang/ref/ReferenceQueue;)V
class java/lang/ref/SoftReference java/lang/ref/Reference
java/lang/ref/SoftReference clock
java/lang/ref/SoftReference timestamp
java/lang/ref/SoftReference <init>(Ljava/lang/Object;)V
java/lang/ref/SoftReference
 <init>(Ljava/lang/Object;Ljava/lang/ref/ReferenceQueue;)V
java/lang/ref/SoftReference get()Ljava/lang/Object;
class java/lang/ref/Reference java/lang/Object
java/lang/ref/Reference referent
java/lang/ref/Reference queue
java/lang/ref/Reference next
java/lang/ref/Reference discovered
java/lang/ref/Reference lock
java/lang/ref/Reference pending
java/lang/ref/Reference get()Ljava/lang/Object;
java/lang/ref/Reference clear()V
java/lang/ref/Reference isEnqueued()Z
java/lang/ref/Reference enqueue()Z
java/lang/ref/Reference <init>(Ljava/lang/Object;)V
java/lang/ref/Reference <init>(Ljava/lang/Object;Ljava/lang/ref/ReferenceQueue;)V
java/lang/ref/Reference access$100()Ljava/lang/ref/Reference$Lock;
java/lang/ref/Reference access$200()Ljava/lang/ref/Reference;
java/lang/ref/Reference access$202(Ljava/lang/ref/Reference;)Ljava/lang/ref/Reference;
java/lang/ref/Reference <clinit>()V
class java/lang/StackOverflowError java/lang/VirtualMachineError
java/lang/StackOverflowError
 <init>()V
java/lang/StackOverflowError <init>(Ljava/lang/String;)V
class java/lang/OutOfMemoryError java/lang/VirtualMachineError
java/lang/OutOfMemoryError <init>()V
java/lang/OutOfMemoryError <init>(Ljava/lang/String;)V
class java/lang/VirtualMachineError java/lang/Error
java/lang/VirtualMachineError <init>()V
java/lang/VirtualMachineError <init>(Ljava/lang/String;)V
class java/lang/ArrayStoreException java/lang/RuntimeException
java/lang/ArrayStoreException <init>()V
java/lang/ArrayStoreException <init>(Ljava/lang/String;)V
class java/lang/ClassCastException java/lang/RuntimeException
java/lang/ClassCastException <init>()V
java/lang/ClassCastException <init>(Ljava/lang/String;)V
class java/lang/NoClassDefFoundError java/lang/LinkageError
java/lang/NoClassDefFoundError <init>()V
java/lang/NoClassDefFoundError <init>(Ljava/lang/String;)V
class java/lang/LinkageError java/lang/Error
java/lang/LinkageError <init>()V

java/lang/LinkageError <init>(Ljava/lang/String;)V
class
java/lang/ClassNotFoundException java/lang/Exception
java/lang/ClassNotFoundException serialVersionUID
java/lang/ClassNotFoundException ex
java/lang/ClassNotFoundException <init>()V
java/lang/ClassNotFoundException <init>(Ljava/lang/String;)V
java/lang/ClassNotFoundException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/ClassNotFoundException getException()Ljava/lang/Throwable;
java/lang/ClassNotFoundException getCause()Ljava/lang/Throwable;
class java/security/AccessControlContext java/lang/Object
java/security/AccessControlContext context
java/security/AccessControlContext isPrivileged
java/security/AccessControlContext privilegedContext
java/security/AccessControlContext combiner
java/security/AccessControlContext debugInit
java/security/AccessControlContext debug
java/security/AccessControlContext getDebug()Lsun/security/util/Debug;
java/security/AccessControlContext <init>([Ljava/security/ProtectionDomain;)V
java/security/AccessControlContext
<init>(Ljava/security/AccessControlContext;Ljava/security/DomainCombiner;)V
java/security/AccessControlContext
<init>([Ljava/security/ProtectionDomain;Z)V
java/security/AccessControlContext isPrivileged()Z
java/security/AccessControlContext getDomainCombiner()Ljava/security/DomainCombiner;
java/security/AccessControlContext checkPermission(Ljava/security/Permission;)V
java/security/AccessControlContext optimize()Ljava/security/AccessControlContext;
java/security/AccessControlContext
goCombiner([Ljava/security/ProtectionDomain;Ljava/security/AccessControlContext;)Ljava/security/AccessControlContext;
java/security/AccessControlContext equals(Ljava/lang/Object;)Z
java/security/AccessControlContext containsAllPDs(Ljava/security/AccessControlContext;)Z
java/security/AccessControlContext hashCode()I
java/security/AccessControlContext <clinit>()V
class java/security/ProtectionDomain java/lang/Object
java/security/ProtectionDomain codesource
java/security/ProtectionDomain classloader
java/security/ProtectionDomain
principals
java/security/ProtectionDomain permissions
java/security/ProtectionDomain staticPermissions
java/security/ProtectionDomain debug
java/security/ProtectionDomain <init>(Ljava/security/CodeSource;Ljava/security/PermissionCollection;)V
java/security/ProtectionDomain
<init>(Ljava/security/CodeSource;Ljava/security/PermissionCollection;Ljava/lang/ClassLoader;[Ljava/security/Principal;)V
java/security/ProtectionDomain getCodeSource()Ljava/security/CodeSource;
java/security/ProtectionDomain getClassLoader()Ljava/lang/ClassLoader;

java/security/ProtectionDomain getPrincipals()[Ljava/security/Principal;
java/security/ProtectionDomain getPermissions()Ljava/security/PermissionCollection;
java/security/ProtectionDomain implies(Ljava/security/Permission;)Z
java/security/ProtectionDomain toString()Ljava/lang/String;
java/security/ProtectionDomain seeAllp()Z
java/security/ProtectionDomain mergePermissions()Ljava/security/PermissionCollection;
java/security/ProtectionDomain <clinit>()V
class
 java/lang/RuntimeException java/lang/Exception
java/lang/RuntimeException serialVersionUID
java/lang/RuntimeException <init>()V
java/lang/RuntimeException <init>(Ljava/lang/String;)V
java/lang/RuntimeException <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/RuntimeException <init>(Ljava/lang/Throwable;)V
class java/lang/Exception java/lang/Throwable
java/lang/Exception serialVersionUID
java/lang/Exception <init>()V
java/lang/Exception <init>(Ljava/lang/String;)V
java/lang/Exception <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/Exception <init>(Ljava/lang/Throwable;)V
class java/lang/ThreadDeath java/lang/Error
java/lang/ThreadDeath <init>()V
class java/lang/Error java/lang/Throwable
java/lang/Error serialVersionUID
java/lang/Error <init>()V
java/lang/Error <init>(Ljava/lang/String;)V
java/lang/Error <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/Error <init>(Ljava/lang/Throwable;)V
class java/lang/Throwable java/lang/Object
java/lang/Throwable serialVersionUID
java/lang/Throwable
 backtrace
java/lang/Throwable detailMessage
java/lang/Throwable cause
java/lang/Throwable stackTrace
java/lang/Throwable <init>()V
java/lang/Throwable <init>(Ljava/lang/String;)V
java/lang/Throwable <init>(Ljava/lang/String;Ljava/lang/Throwable;)V
java/lang/Throwable <init>(Ljava/lang/Throwable;)V
java/lang/Throwable getMessage()Ljava/lang/String;
java/lang/Throwable getLocalizedMessage()Ljava/lang/String;
java/lang/Throwable getCause()Ljava/lang/Throwable;
java/lang/Throwable initCause(Ljava/lang/Throwable;)Ljava/lang/Throwable;
java/lang/Throwable toString()Ljava/lang/String;
java/lang/Throwable printStackTrace()V
java/lang/Throwable printStackTrace(Ljava/io/PrintStream;)V
java/lang/Throwable printStackTraceAsCause(Ljava/io/PrintStream;[Ljava/lang/StackTraceElement;)V
java/lang/Throwable printStackTrace(Ljava/io/PrintWriter;)V

java/lang/Throwable printStackTraceAsCause(Ljava/io/PrintWriter;[Ljava/lang/StackTraceElement;)V
java/lang/Throwable fillInStackTrace()Ljava/lang/Throwable;
java/lang/Throwable
 getStackTrace()[Ljava/lang/StackTraceElement;
java/lang/Throwable getOurStackTrace()[Ljava/lang/StackTraceElement;
java/lang/Throwable setStackTrace([Ljava/lang/StackTraceElement;)V
java/lang/Throwable getStackTraceDepth()I
java/lang/Throwable getStackTraceElement(I)Ljava/lang/StackTraceElement;
java/lang/Throwable writeObject(Ljava/io/ObjectOutputStream;)V
class java/lang/System java/lang/Object
java/lang/System in
java/lang/System out
java/lang/System err
java/lang/System security
java/lang/System props
java/lang/System registerNatives()V
java/lang/System <init>()V
java/lang/System setIn(Ljava/io/InputStream;)V
java/lang/System setOut(Ljava/io/PrintStream;)V
java/lang/System setErr(Ljava/io/PrintStream;)V
java/lang/System inheritedChannel()Ljava/nio/channels/Channel;
java/lang/System checkIO()V
java/lang/System setIn0(Ljava/io/InputStream;)V
java/lang/System setOut0(Ljava/io/PrintStream;)V
java/lang/System setErr0(Ljava/io/PrintStream;)V
java/lang/System
 setSecurityManager(Ljava/lang/SecurityManager;)V
java/lang/System setSecurityManager0(Ljava/lang/SecurityManager;)V
java/lang/System getSecurityManager()Ljava/lang/SecurityManager;
java/lang/System currentTimeMillis()J
java/lang/System nanoTime()J
java/lang/System arraycopy(Ljava/lang/Object;ILjava/lang/Object;II)V
java/lang/System identityHashCode(Ljava/lang/Object;)I
java/lang/System initProperties(Ljava/util/Properties;)Ljava/util/Properties;
java/lang/System getProperties()Ljava/util/Properties;
java/lang/System setProperties(Ljava/util/Properties;)V
java/lang/System getProperty(Ljava/lang/String;)Ljava/lang/String;
java/lang/System getProperty(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/lang/System setProperty(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/lang/System clearProperty(Ljava/lang/String;)Ljava/lang/String;
java/lang/System checkKey(Ljava/lang/String;)V
java/lang/System getenv(Ljava/lang/String;)Ljava/lang/String;
java/lang/System
 getenv()Ljava/util/Map;
java/lang/System exit(I)V
java/lang/System gc()V
java/lang/System runFinalization()V
java/lang/System runFinalizersOnExit(Z)V

java/lang/System load(Ljava/lang/String;)V
java/lang/System loadLibrary(Ljava/lang/String;)V
java/lang/System mapLibraryName(Ljava/lang/String;)Ljava/lang/String;
java/lang/System nullInputStream()Ljava/io/InputStream;
java/lang/System nullPrintStream()Ljava/io/PrintStream;
java/lang/System initializeSystemClass()V
java/lang/System getCallerClass()Ljava/lang/Class;
java/lang/System <clinit>()V
class java/lang/ClassLoader java/lang/Object
java/lang/ClassLoader initialized
java/lang/ClassLoader parent
java/lang/ClassLoader package2certs
java/lang/ClassLoader nocerts
java/lang/ClassLoader classes
java/lang/ClassLoader domains
java/lang/ClassLoader packages
java/lang/ClassLoader bootstrapClassPath
java/lang/ClassLoader scl
java/lang/ClassLoader sclSet
java/lang/ClassLoader defaultDomain
java/lang/ClassLoader loadedLibraryNames
java/lang/ClassLoader
systemNativeLibraries
java/lang/ClassLoader nativeLibraries
java/lang/ClassLoader nativeLibraryContext
java/lang/ClassLoader usr_paths
java/lang/ClassLoader sys_paths
java/lang/ClassLoader defaultAssertionStatus
java/lang/ClassLoader packageAssertionStatus
java/lang/ClassLoader classAssertionStatus
java/lang/ClassLoader registerNatives()V
java/lang/ClassLoader addClass(Ljava/lang/Class;)V
java/lang/ClassLoader <init>(Ljava/lang/ClassLoader;)V
java/lang/ClassLoader <init>()V
java/lang/ClassLoader loadClass(Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader loadClass(Ljava/lang/String;Z)Ljava/lang/Class;
java/lang/ClassLoader loadClassInternal(Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader checkPackageAccess(Ljava/lang/Class;Ljava/security/ProtectionDomain;)V
java/lang/ClassLoader findClass(Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader defineClass([BII)Ljava/lang/Class;
java/lang/ClassLoader defineClass(Ljava/lang/String;[BII)Ljava/lang/Class;
java/lang/ClassLoader
preDefineClass(Ljava/lang/String;Ljava/security/ProtectionDomain;)Ljava/security/ProtectionDomain;
java/lang/ClassLoader defineClassSourceLocation(Ljava/security/ProtectionDomain;)Ljava/lang/String;
java/lang/ClassLoader
defineTransformedClass(Ljava/lang/String;[BIILjava/security/ProtectionDomain;Ljava/lang/ClassFormatError;Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader postDefineClass(Ljava/lang/Class;Ljava/security/ProtectionDomain;)V

java/lang/ClassLoader defineClass(Ljava/lang/String;[BIILjava/security/ProtectionDomain;)Ljava/lang/Class;
java/lang/ClassLoader
defineClass(Ljava/lang/String;Ljava/nio/ByteBuffer;Ljava/security/ProtectionDomain;)Ljava/lang/Class;
java/lang/ClassLoader defineClass0(Ljava/lang/String;[BIILjava/security/ProtectionDomain;)Ljava/lang/Class;
java/lang/ClassLoader
defineClass1(Ljava/lang/String;[BIILjava/security/ProtectionDomain;Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader
defineClass2(Ljava/lang/String;Ljava/nio/ByteBuffer;IILjava/security/ProtectionDomain;Ljava/lang/String;)Ljava/l
ang/Class;
java/lang/ClassLoader
checkName(Ljava/lang/String;)Z
java/lang/ClassLoader checkCerts(Ljava/lang/String;Ljava/security/CodeSource;)V
java/lang/ClassLoader compareCerts([Ljava/security/cert/Certificate;[Ljava/security/cert/Certificate;)Z
java/lang/ClassLoader resolveClass(Ljava/lang/Class;)V
java/lang/ClassLoader resolveClass0(Ljava/lang/Class;)V
java/lang/ClassLoader findSystemClass(Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader findBootstrapClass0(Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader findBootstrapClass(Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader check()V
java/lang/ClassLoader findLoadedClass(Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader findLoadedClass0(Ljava/lang/String;)Ljava/lang/Class;
java/lang/ClassLoader setSigners(Ljava/lang/Class;[Ljava/lang/Object;)V
java/lang/ClassLoader getResource(Ljava/lang/String;)Ljava/net/URL;
java/lang/ClassLoader
getResources(Ljava/lang/String;)Ljava/util/Enumeration;
java/lang/ClassLoader findResource(Ljava/lang/String;)Ljava/net/URL;
java/lang/ClassLoader findResources(Ljava/lang/String;)Ljava/util/Enumeration;
java/lang/ClassLoader getSystemResource(Ljava/lang/String;)Ljava/net/URL;
java/lang/ClassLoader getSystemResources(Ljava/lang/String;)Ljava/util/Enumeration;
java/lang/ClassLoader getBootstrapResource(Ljava/lang/String;)Ljava/net/URL;
java/lang/ClassLoader getBootstrapResources(Ljava/lang/String;)Ljava/util/Enumeration;
java/lang/ClassLoader getBootstrapClassPath()Lsun/misc/URLClassPath;
java/lang/ClassLoader getResourceAsStream(Ljava/lang/String;)Ljava/io/InputStream;
java/lang/ClassLoader getSystemResourceAsStream(Ljava/lang/String;)Ljava/io/InputStream;
java/lang/ClassLoader getParent()Ljava/lang/ClassLoader;
java/lang/ClassLoader getSystemClassLoader()Ljava/lang/ClassLoader;
java/lang/ClassLoader initSystemClassLoader()V
java/lang/ClassLoader isAncestor(Ljava/lang/ClassLoader;)Z
java/lang/ClassLoader
getCallerClassLoader()Ljava/lang/ClassLoader;
java/lang/ClassLoader
definePackage(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lan
g/String;Ljava/lang/String;Ljava/net/URL;)Ljava/lang/Package;
java/lang/ClassLoader getPackage(Ljava/lang/String;)Ljava/lang/Package;
java/lang/ClassLoader getPackages()[Ljava/lang/Package;
java/lang/ClassLoader findLibrary(Ljava/lang/String;)Ljava/lang/String;
java/lang/ClassLoader getDefaultDomain()Ljava/security/ProtectionDomain;
java/lang/ClassLoader initializePath(Ljava/lang/String;)[Ljava/lang/String;

java/lang/ClassLoader loadLibrary(Ljava/lang/Class;Ljava/lang/String;Z)V
java/lang/ClassLoader loadLibrary0(Ljava/lang/Class;Ljava/io/File;)Z
java/lang/ClassLoader findNative(Ljava/lang/ClassLoader;Ljava/lang/String;)J
java/lang/ClassLoader setDefaultAssertionStatus(Z)V
java/lang/ClassLoader setPackageAssertionStatus(Ljava/lang/String;Z)V
java/lang/ClassLoader setClassAssertionStatus(Ljava/lang/String;Z)V
java/lang/ClassLoader
clearAssertionStatus()V
java/lang/ClassLoader desiredAssertionStatus(Ljava/lang/String;)Z
java/lang/ClassLoader initializeJavaAssertionMaps()V
java/lang/ClassLoader retrieveDirectives()Ljava/lang/AssertionStatusDirectives;
java/lang/ClassLoader access$000()Ljava/util/Vector;
java/lang/ClassLoader access$100()Ljava/util/Stack;
java/lang/ClassLoader <clinit>()V
class java/lang/Cloneable java/lang/Object
class java/lang/Class java/lang/Object
java/lang/Class ANNOTATION
java/lang/Class ENUM
java/lang/Class SYNTHETIC
java/lang/Class cachedConstructor
java/lang/Class newInstanceCallerCache
java/lang/Class name
java/lang/Class allPermDomain
java/lang/Class useCaches
java/lang/Class declaredFields
java/lang/Class publicFields
java/lang/Class declaredMethods
java/lang/Class publicMethods
java/lang/Class declaredConstructors
java/lang/Class publicConstructors
java/lang/Class declaredPublicFields
java/lang/Class declaredPublicMethods
java/lang/Class
classRedefinedCount
java/lang/Class lastRedefinedCount
java/lang/Class genericInfo
java/lang/Class serialVersionUID
java/lang/Class serialPersistentFields
java/lang/Class reflectionFactory
java/lang/Class initted
java/lang/Class enumConstants
java/lang/Class enumConstantDirectory
java/lang/Class EMPTY_ANNOTATIONS_ARRAY
java/lang/Class annotations
java/lang/Class declaredAnnotations
java/lang/Class annotationType
java/lang/Class registerNatives()V
java/lang/Class <init>()V

java/lang/Class toString()Ljava/lang/String;
java/lang/Class forName(Ljava/lang/String;)Ljava/lang/Class;
java/lang/Class forName(Ljava/lang/String;ZLjava/lang/ClassLoader;)Ljava/lang/Class;
java/lang/Class forName0(Ljava/lang/String;ZLjava/lang/ClassLoader;)Ljava/lang/Class;
java/lang/Class newInstance()Ljava/lang/Object;
java/lang/Class newInstance0()Ljava/lang/Object;
java/lang/Class isInstance(Ljava/lang/Object;)Z
java/lang/Class isAssignableFrom(Ljava/lang/Class;)Z
java/lang/Class isInterface()Z
java/lang/Class
isArray()Z
java/lang/Class isPrimitive()Z
java/lang/Class isAnnotation()Z
java/lang/Class isSynthetic()Z
java/lang/Class getName()Ljava/lang/String;
java/lang/Class getName0()Ljava/lang/String;
java/lang/Class getClassLoader()Ljava/lang/ClassLoader;
java/lang/Class getClassLoader0()Ljava/lang/ClassLoader;
java/lang/Class getTypeParameters()[Ljava/lang/reflect/TypeVariable;
java/lang/Class getSuperclass()Ljava/lang/Class;
java/lang/Class getGenericSuperclass()Ljava/lang/reflect/Type;
java/lang/Class getPackage()Ljava/lang/Package;
java/lang/Class getInterfaces()[Ljava/lang/Class;
java/lang/Class getGenericInterfaces()[Ljava/lang/reflect/Type;
java/lang/Class getComponentType()Ljava/lang/Class;
java/lang/Class getModifiers()I
java/lang/Class getSigners()[Ljava/lang/Object;
java/lang/Class setSigners([Ljava/lang/Object;)V
java/lang/Class getEnclosingMethod()Ljava/lang/reflect/Method;
java/lang/Class getEnclosingMethod0()[Ljava/lang/Object;
java/lang/Class getEnclosingMethodInfo()Ljava/lang/Class$EnclosingMethodInfo;
java/lang/Class
toClass(Ljava/lang/reflect/Type;)Ljava/lang/Class;
java/lang/Class getEnclosingConstructor()Ljava/lang/reflect/Constructor;
java/lang/Class getDeclaringClass()Ljava/lang/Class;
java/lang/Class getEnclosingClass()Ljava/lang/Class;
java/lang/Class getSimpleName()Ljava/lang/String;
java/lang/Class isAsciiDigit(C)Z
java/lang/Class getCanonicalName()Ljava/lang/String;
java/lang/Class isAnonymousClass()Z
java/lang/Class isLocalClass()Z
java/lang/Class isMemberClass()Z
java/lang/Class getSimpleBinaryName()Ljava/lang/String;
java/lang/Class isLocalOrAnonymousClass()Z
java/lang/Class getClasses()[Ljava/lang/Class;
java/lang/Class getFields()[Ljava/lang/reflect/Field;
java/lang/Class getMethods()[Ljava/lang/reflect/Method;
java/lang/Class getConstructors()[Ljava/lang/reflect/Constructor;

java/lang/Class getField(Ljava/lang/String;)Ljava/lang/reflect/Field;
java/lang/Class getMethod(Ljava/lang/String;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/lang/Class
getConstructor([Ljava/lang/Class;)Ljava/lang/reflect/Constructor;
java/lang/Class getDeclaredClasses()[Ljava/lang/Class;
java/lang/Class getDeclaredFields()[Ljava/lang/reflect/Field;
java/lang/Class getDeclaredMethods()[Ljava/lang/reflect/Method;
java/lang/Class getDeclaredConstructors()[Ljava/lang/reflect/Constructor;
java/lang/Class getDeclaredField(Ljava/lang/String;)Ljava/lang/reflect/Field;
java/lang/Class getDeclaredMethod(Ljava/lang/String;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/lang/Class getDeclaredConstructor([Ljava/lang/Class;)Ljava/lang/reflect/Constructor;
java/lang/Class getResourceAsStream(Ljava/lang/String;)Ljava/io/InputStream;
java/lang/Class getResource(Ljava/lang/String;)Ljava/net/URL;
java/lang/Class getProtectionDomain()Ljava/security/ProtectionDomain;
java/lang/Class getProtectionDomain0()Ljava/security/ProtectionDomain;
java/lang/Class setProtectionDomain0(Ljava/security/ProtectionDomain;)V
java/lang/Class getPrimitiveClass(Ljava/lang/String;)Ljava/lang/Class;
java/lang/Class
checkMemberAccess(ILjava/lang/ClassLoader;)V
java/lang/Class resolveName(Ljava/lang/String;)Ljava/lang/String;
java/lang/Class clearCachesOnClassRedefinition()V
java/lang/Class getGenericSignature()Ljava/lang/String;
java/lang/Class getFactory()Lsun/reflect/generics/factory/GenericsFactory;
java/lang/Class getGenericInfo()Lsun/reflect/generics/repository/ClassRepository;
java/lang/Class getRawAnnotations()[B
java/lang/Class getConstantPool()Lsun/reflect/ConstantPool;
java/lang/Class privateGetDeclaredFields(Z)[Ljava/lang/reflect/Field;
java/lang/Class privateGetPublicFields(Ljava/util/Set;)[Ljava/lang/reflect/Field;
java/lang/Class addAll(Ljava/util/Collection;[Ljava/lang/reflect/Field;)V
java/lang/Class privateGetDeclaredConstructors(Z)[Ljava/lang/reflect/Constructor;
java/lang/Class privateGetDeclaredMethods(Z)[Ljava/lang/reflect/Method;
java/lang/Class privateGetPublicMethods()[Ljava/lang/reflect/Method;
java/lang/Class searchFields([Ljava/lang/reflect/Field;Ljava/lang/String;)Ljava/lang/reflect/Field;
java/lang/Class
getField0(Ljava/lang/String;)Ljava/lang/reflect/Field;
java/lang/Class
searchMethods([Ljava/lang/reflect/Method;Ljava/lang/String;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/lang/Class getMethod0(Ljava/lang/String;[Ljava/lang/Class;)Ljava/lang/reflect/Method;
java/lang/Class getConstructor0([Ljava/lang/Class;I)Ljava/lang/reflect/Constructor;
java/lang/Class arrayContentsEq([Ljava/lang/Object;[Ljava/lang/Object;)Z
java/lang/Class copyFields([Ljava/lang/reflect/Field;)[Ljava/lang/reflect/Field;
java/lang/Class copyMethods([Ljava/lang/reflect/Method;)[Ljava/lang/reflect/Method;
java/lang/Class copyConstructors([Ljava/lang/reflect/Constructor;)[Ljava/lang/reflect/Constructor;
java/lang/Class getDeclaredFields0(Z)[Ljava/lang/reflect/Field;
java/lang/Class getDeclaredMethods0(Z)[Ljava/lang/reflect/Method;
java/lang/Class getDeclaredConstructors0(Z)[Ljava/lang/reflect/Constructor;
java/lang/Class getDeclaredClasses0()[Ljava/lang/Class;
java/lang/Class

argumentTypesToString([Ljava/lang/Class;)Ljava/lang/String;
java/lang/Class desiredAssertionStatus()Z
java/lang/Class desiredAssertionStatus0(Ljava/lang/Class;)Z
java/lang/Class isEnum()Z
java/lang/Class getReflectionFactory()Lsun/reflect/ReflectionFactory;
java/lang/Class checkInitted()V
java/lang/Class getEnumConstants()[Ljava/lang/Object;
java/lang/Class enumConstantDirectory()Ljava/util/Map;
java/lang/Class cast(Ljava/lang/Object;)Ljava/lang/Object;
java/lang/Class asSubclass(Ljava/lang/Class;)Ljava/lang/Class;
java/lang/Class getAnnotation(Ljava/lang/Class;)Ljava/lang/annotation/Annotation;
java/lang/Class isAnnotationPresent(Ljava/lang/Class;)Z
java/lang/Class getAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/Class getDeclaredAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/Class initAnnotationsIfNecessary()V
java/lang/Class setAnnotationType(Lsun/reflect/annotation/AnnotationType;)V
java/lang/Class getAnnotationType()Lsun/reflect/annotation/AnnotationType;
java/lang/Class
access$100([Ljava/lang/Object;[Ljava/lang/Object;)Z
java/lang/Class access$202(Z)Z
java/lang/Class access$302(Z)Z
java/lang/Class <clinit>()V
class java/lang/reflect/AnnotatedElement java/lang/Object
java/lang/reflect/AnnotatedElement isAnnotationPresent(Ljava/lang/Class;)Z
java/lang/reflect/AnnotatedElement getAnnotation(Ljava/lang/Class;)Ljava/lang/annotation/Annotation;
java/lang/reflect/AnnotatedElement getAnnotations()[Ljava/lang/annotation/Annotation;
java/lang/reflect/AnnotatedElement getDeclaredAnnotations()[Ljava/lang/annotation/Annotation;
class java/lang/reflect/Type java/lang/Object
class java/lang/reflect/GenericDeclaration java/lang/Object
java/lang/reflect/GenericDeclaration getTypeParameters()[Ljava/lang/reflect/TypeVariable;
class java/lang/String java/lang/Object
java/lang/String value
java/lang/String offset
java/lang/String count
java/lang/String hash
java/lang/String serialVersionUID
java/lang/String
serialPersistentFields
java/lang/String CASE_INSENSITIVE_ORDER
java/lang/String <init>()V
java/lang/String <init>(Ljava/lang/String;)V
java/lang/String <init>([C)V
java/lang/String <init>([CII)V
java/lang/String <init>([III)V
java/lang/String <init>([BIII)V
java/lang/String <init>([BI)V
java/lang/String checkBounds([BII)V
java/lang/String <init>([BIILjava/lang/String;)V

java/lang/String <init>([BLjava/lang/String;)V
java/lang/String <init>([BII)V
java/lang/String <init>([B)V
java/lang/String <init>(Ljava/lang/StringBuffer;)V
java/lang/String <init>(Ljava/lang/StringBuilder;)V
java/lang/String <init>(II[C)V
java/lang/String length()I
java/lang/String charAt(I)C
java/lang/String codePointAt(I)I
java/lang/String codePointBefore(I)I
java/lang/String codePointCount(II)I
java/lang/String offsetByCodePoints(II)I
java/lang/String getChars([CI)V
java/lang/String getChars(II[CI)V
java/lang/String getBytes(II[BI)V
java/lang/String getBytes(Ljava/lang/String;)[B
java/lang/String getBytes()[B
java/lang/String
 equals(Ljava/lang/Object;)Z
java/lang/String contentEquals(Ljava/lang/StringBuffer;)Z
java/lang/String contentEquals(Ljava/lang/CharSequence;)Z
java/lang/String equalsIgnoreCase(Ljava/lang/String;)Z
java/lang/String compareTo(Ljava/lang/String;)I
java/lang/String compareToIgnoreCase(Ljava/lang/String;)I
java/lang/String regionMatches(ILjava/lang/String;II)Z
java/lang/String regionMatches(ZILjava/lang/String;II)Z
java/lang/String startsWith(Ljava/lang/String;I)Z
java/lang/String startsWith(Ljava/lang/String;)Z
java/lang/String endsWith(Ljava/lang/String;)Z
java/lang/String hashCode()I
java/lang/String indexOf(I)I
java/lang/String indexOf(II)I
java/lang/String lastIndexOf(I)I
java/lang/String lastIndexOf(II)I
java/lang/String indexOf(Ljava/lang/String;)I
java/lang/String indexOf(Ljava/lang/String;I)I
java/lang/String indexOf([CII[CIII)I
java/lang/String lastIndexOf(Ljava/lang/String;)I
java/lang/String lastIndexOf(Ljava/lang/String;I)I
java/lang/String lastIndexOf([CII[CIII)I
java/lang/String
 substring(I)Ljava/lang/String;
java/lang/String substring(II)Ljava/lang/String;
java/lang/String subSequence(II)Ljava/lang/CharSequence;
java/lang/String concat(Ljava/lang/String;)Ljava/lang/String;
java/lang/String replace(CC)Ljava/lang/String;
java/lang/String matches(Ljava/lang/String;)Z
java/lang/String contains(Ljava/lang/CharSequence;)Z

java/lang/String replaceFirst(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/lang/String replaceAll(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;
java/lang/String replace(Ljava/lang/CharSequence;Ljava/lang/CharSequence;)Ljava/lang/String;
java/lang/String split(Ljava/lang/String;I)[Ljava/lang/String;
java/lang/String split(Ljava/lang/String;)[Ljava/lang/String;
java/lang/String toLowerCase(Ljava/util/Locale;)Ljava/lang/String;
java/lang/String toLowerCase()Ljava/lang/String;
java/lang/String toUpperCase(Ljava/util/Locale;)Ljava/lang/String;
java/lang/String toUpperCase()Ljava/lang/String;
java/lang/String
 trim()Ljava/lang/String;
java/lang/String toString()Ljava/lang/String;
java/lang/String toCharArray()[C
java/lang/String format(Ljava/lang/String;[Ljava/lang/Object;)Ljava/lang/String;
java/lang/String format(Ljava/util/Locale;Ljava/lang/String;[Ljava/lang/Object;)Ljava/lang/String;
java/lang/String valueOf(Ljava/lang/Object;)Ljava/lang/String;
java/lang/String valueOf([C)Ljava/lang/String;
java/lang/String valueOf([CII)Ljava/lang/String;
java/lang/String copyValueOf([CII)Ljava/lang/String;
java/lang/String copyValueOf([C)Ljava/lang/String;
java/lang/String valueOf(Z)Ljava/lang/String;
java/lang/String valueOf(C)Ljava/lang/String;
java/lang/String valueOf(I)Ljava/lang/String;
java/lang/String valueOf(J)Ljava/lang/String;
java/lang/String valueOf(F)Ljava/lang/String;
java/lang/String valueOf(D)Ljava/lang/String;
java/lang/String intern()Ljava/lang/String;
java/lang/String compareTo(Ljava/lang/Object;)I
java/lang/String <clinit>()V
class java/lang/CharSequence java/lang/Object
java/lang/CharSequence
 length()I
java/lang/CharSequence charAt(I)C
java/lang/CharSequence subSequence(II)Ljava/lang/CharSequence;
java/lang/CharSequence toString()Ljava/lang/String;
class java/lang/Comparable java/lang/Object
java/lang/Comparable compareTo(Ljava/lang/Object;)I
class java/io/Serializable java/lang/Object
class java/lang/Object null
java/lang/Object <init>()V
java/lang/Object registerNatives()V
java/lang/Object getClass()Ljava/lang/Class;
java/lang/Object hashCode()I
java/lang/Object equals(Ljava/lang/Object;)Z
java/lang/Object clone()Ljava/lang/Object;
java/lang/Object toString()Ljava/lang/String;
java/lang/Object notify()V
java/lang/Object notifyAll()V

java/lang/Object wait(J)V
java/lang/Object wait(JI)V
java/lang/Object wait()V
java/lang/Object finalize()V
java/lang/Object <clinit>()V

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* /asm-6-0-sources-11-jar/org/objectweb/asm/tools/jdk1-5-0-12-txt-gz/jdk1.5.0.12.txt
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```
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*/
/**
   * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
   * not use this constructor</i>. Instead, they must use the
   * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
   * version.
   *

   * @param typeRef
```

```
   *          a reference to the annotated type. See {@link TypeReference}.
   * @param typePath
   *          the path to the annotated type argument, wildcard bound, array
   *          element type, or static inner type within 'typeRef'. May be
   *          <tt>null</tt> if the annotation targets 'typeRef' as a whole.
   * @param start
   *          the fist instructions corresponding to the continuous ranges
   *          that make the scope of this local variable (inclusive).
   * @param end
   *          the last instructions corresponding to the continuous ranges
   *          that make the scope of this local variable (exclusive). This
   *          array must have the same size as the 'start' array.
   * @param index
   *          the local variable's index in each range. This array must have
   *          the same size as the 'start' array.
   * @param desc
   *          the class descriptor of
 the annotation class.
   */
```

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* /asm-6-0-sources-11-jar/org/objectweb/asm/util/ASMifiable.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/Textifiable.java
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* /asm-6-0-sources-11-jar/org/objectweb/asm/TypePath.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/TypeReference.java
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*/
/**
   * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
   * version.
   *
   * @throws IllegalStateException
   *             If a subclass calls this constructor.
    */

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* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/ClassNode.java
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* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/Method.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/SimpleRemapper.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/LocalVariablesSorter.java
*
 /asm-6-0-sources-11-jar/org/objectweb/asm/Item.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/MethodWriter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/Handler.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/CheckModuleAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/ClassRemapper.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/IincInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/MethodVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/InnerClassNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/AnnotationNode.java
*

/asm-6-0-sources-11-jar/org/objectweb/asm/signature/SignatureReader.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/Opcodes.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/InstructionAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/CurrentFrame.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/Frame.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/ModuleNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/MethodRemapper.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/Type.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/ClassVisitor.java
*
/asm-6-0-sources-11-jar/org/objectweb/asm/tree/LabelNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tools/ModuleInfoBndPlugin.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/Subroutine.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/TraceClassVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/Remapper.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/ModuleWriter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/JumpInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/ModuleResolutionAttribute.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/FieldNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/AnnotationWriter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/AbstractInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/CheckMethodAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/Attribute.java
*
/asm-6-0-sources-11-jar/org/objectweb/asm/ClassReader.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/FrameNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/ModuleVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/ModuleRequireNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/VarInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/ModuleHashesAttribute.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/ModuleRemapper.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/InsnList.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/InsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/FieldWriter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/signature/SignatureWriter.java
*

/asm-6-0-sources-11-jar/org/objectweb/asm/tree/ParameterNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/TraceModuleVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/RemappingClassAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/LdcInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/FieldRemapper.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/IntInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/TypeInsnNode.java
*
/asm-6-0-sources-11-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/ModuleTargetAttribute.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/ByteVector.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/Label.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/ASMifier.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tools/Retrofitter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/Handle.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/AnnotationVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/SignatureRemapper.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/AdviceAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
*
/asm-6-0-sources-11-jar/org/objectweb/asm/tree/MethodInsnNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/Frame.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/Value.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/StaticInitMerger.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/Printer.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/LineNumberNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/ModuleProvideNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/FieldVisitor.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/MethodNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/ModuleExportNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/util/CheckClassAdapter.java
*
/asm-6-0-sources-11-jar/org/objectweb/asm/Context.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/ModuleOpenNode.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/tree/analysis/BasicValue.java

* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/AnnotationRemapper.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/Edge.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/ClassWriter.java
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/**
   * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
   * version.
   *
   * @param owner
   *
     the owner's class name.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
```

```
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   * @param mv
   *          the method visitor to which this adapter delegates calls. May
   *          be <tt>null</tt>.
   * @throws IllegalStateException
   *           If a subclass calls this constructor.
   */
```

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* /asm-6-0-sources-11-jar/org/objectweb/asm/xml/SAXAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/xml/SAXClassAdapter.java
*
/asm-6-0-sources-11-jar/org/objectweb/asm/xml/SAXModuleAdapter.java
* /asm-6-0-sources-11-jar/org/objectweb/asm/xml/SAXFieldAdapter.java

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/**
   * Creates a new JSRInliner. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
   * version.
   *
   * @param mv
   *
  the <code>MethodVisitor</code> to send the resulting inlined
   *          method code to (use <code>null</code> for none).
   * @param access
   *          the method's access flags (see {@link Opcodes}). This
   *          parameter also indicates if the method is synthetic and/or
   *          deprecated.
   * @param name
   *          the method's name.
```

```
   * @param desc
   *          the method's descriptor (see {@link Type}).
   * @param signature
   *          the method's signature. May be <tt>null</tt>.
   * @param exceptions
   *          the internal names of the method's exception classes (see
   *          {@link Type#getInternalName() getInternalName}). May be
   *          <tt>null</tt>.
   * @throws IllegalStateException
   *           If a subclass calls this constructor.
   */
```

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* /asm-6-0-sources-11-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
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*/
/**
   * Constructs a new {@link Textifier}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #Textifier(int)}
   * version.
   *
   * @throws IllegalStateException
   *             If a subclass calls this constructor.
    */
```

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   * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
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   * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
   * version.
   *
   * @param mv
   *            the
 method visitor to which this adapter delegates calls.
   * @param access
   *            the method's access flags (see {@link Opcodes}).
   * @param name
   *            the method's name.
   * @param desc
   *            the method's descriptor (see {@link Type Type}).
   * @throws IllegalStateException
   *             If a subclass calls this constructor.
   */
```

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*/
/**
      * Constructs a new {@link InputSlicingHandler SubdocumentHandler}
      * object.
      *
      * @param subdocumentRoot
      *          name/path to the root element of the subdocument
      * @param rootHandler
      *          content handler for the entire document (subdocument

     *          envelope).
      * @param subdocumentHandlerFactory
      *          a {@link ContentHandlerFactory ContentHandlerFactory} used
      *          to create {@link ContentHandler ContentHandler} instances
      *          for subdocuments.
      */
/**
      * Constructs a new {@link OutputSlicingHandler SubdocumentHandler}
      * object.
      *
      * @param subdocumentHandlerFactory
      *          a {@link ContentHandlerFactory ContentHandlerFactory} used
      *          to create {@link ContentHandler ContentHandler} instances
      *          for subdocuments.
      * @param entryElement
      *          TODO.
      * @param isXml
      *          TODO.
      */
```

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1.309 proto-otlp 1.3.1

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1.313 icu 66.1-2ubuntu2.1

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```
## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation
 rules
%.$(STATIC_O): $(srcdir)/%.c
 $(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
 $(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
 $(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
 $(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<


## Dependency rules
%.d: $(srcdir)/%.c
 @echo "generating dependency information for $<"
 @$(SHELL) -ec '$(GEN_DEPS.c) $< \
  | sed '\''s/\($*\)\.o[ :]*/\1.o $@ : /g'\'' > $@; \
  [ -s $@ ] || rm -f $@'
```

```
%.d: $(srcdir)/%.cpp
 @echo "generating dependency information for $<"
 @$(SHELL) -ec '$(GEN_DEPS.cc) $< \
  | sed '\"s/\($*\)\.o[ :]*/\1.o $@ : /g'\" > $@; \
  [ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
 $(RM) $@ && ln -s ${<F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
 $(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

##  Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
```

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1.315 jbig-kit 2.1-3.1+b2

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1.317 pyproject-hooks 1.0.0

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1.318 h11 0.16.0

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1.319 kubernetes-apimachinery 0.31.2

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1.320 filepath-securejoin 0.3.5

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1.321 aws-sdk-go-v2-internal-ini 1.7.3

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```
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import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-
Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
  params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
  return nil,
 err
 }

 out := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType
```

```
 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{}, middleware.After)
 if err !=
 nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "AssociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
```

```
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
```

```
 return err
 }
 if err = addDisableHTTPSMiddleware(stack,
 options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "AssociateLicense",
 }
}
AWS SDK for Go
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Copyright 2014-2015 Stripe, Inc.
name: License Scan

on: [pull_request]

jobs:
 licensescan:
   name: License Scan
   runs-on: ubuntu-latest
   strategy:
     matrix:
       python-version: [3.9]

   steps:
     - name: Checkout target
       uses: actions/checkout@v2
       with:
         path: sdkbase
         ref: ${{ github.base_ref }}
     - name: Checkout this ref
       uses: actions/checkout@v2
       with:
         path: new-ref
         fetch-depth: 0
     - name: Get Diff
       run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
     - name: Get Target Files
       run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
```

```
    - name: Checkout scancode
      uses: actions/checkout@v2
      with:
        repository: nexB/scancode-toolkit
        path: scancode-toolkit
        fetch-depth: 1
    - name: Set up Python ${{ matrix.python-version }}
      uses: actions/setup-python@v2
      with:
        python-version: ${{ matrix.python-version }}
    # ScanCode
    - name: Self-configure scancode
      working-directory: ./scancode-toolkit
      run: ./scancode --help
    - name: Run Scan code on target
      run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
    - name: Run Scan code on pr ref
      run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
    # compare
    - name: License test
      run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
  params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
  return nil, err
```

```
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckInLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
```

```
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
```

```
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "CheckInLicense",
 }
}
{
  "smithy": "2.0",
  "shapes": {
     "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger": {
        "type": "integer"
     },
     "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong": {
        "type": "long"
     },
     "com.amazonaws.licensemanagerlinuxsubscriptions#Filter": {
        "type": "structure",
        "members": {
           "Name": {
              "target": "smithy.api#String",
              "traits": {
                 "smithy.api#documentation": "<p>The type of name to filter by.</p>"
              }
           },
           "Values": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
              "traits": {
                 "smithy.api#documentation": "<p>One or more values for the name to filter by.</p>"
              }
           },
           "Operator": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Operator",
```

```
            "traits": {
              "smithy.api#documentation": "<p>An operator for filtering results.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>A filter object that is used to return more specific results from a describe operation.\n      Filters can be used to match a set of resources by specific criteria.</p>"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Filter"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest"
        },
        "output": {

          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the Linux subscriptions service settings.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/subscription/GetServiceSettings"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest":
```

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{
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        "members": {}
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse": {
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },
            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>Lists the settings defined for Linux subscriptions discovery. The
settings include if\n      Organizations integration has been enabled, and
 which Regions data will be aggregated from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
                    "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation": "<p>A message which details the Linux subscriptions service settings
current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays
 the aggregated data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Instance": {
        "type": "structure",
        "members": {
            "AmiId": {
```

```
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The AMI ID used to launch the instance.</p>"
            }
          },
          "InstanceID": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The instance ID of the resource.</p>"
            }
          },
          "InstanceType": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The instance type of the resource.</p>"
            }

        },
          "AccountID": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The account ID which owns the instance.</p>"
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status of the instance.</p>"
            }
          },
          "Region": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The Region the instance is running in.</p>"
            }
          },
          "UsageOperation": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The usage operation of the instance. For more information, see For
 more information, see\n        <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-
subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User
Guide</i>.</p>"
            }
          },
          "ProductCode": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList",
            "traits": {
```

```
                "smithy.api#documentation": "<p>The product code for the instance. For more information, see <a
href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-
operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i> .</p>"
              }
            },
            "LastUpdatedTime": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The time in which the last discovery
 updated the instance details.</p>"
              }
            },
            "SubscriptionName": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the subscription being used by the instance.</p>"
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>Details discovered information about a running instance using Linux
subscriptions.</p>"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList": {
          "type": "list",
          "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Instance"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException": {
          "type": "structure",
          "members": {
            "message": {
              "target": "smithy.api#String"
             }
          },
          "traits": {
            "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
            "smithy.api#error": "server"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#LicenseManagerLinuxSubscriptions": {
          "type": "service",
          "version": "2018-05-10",
          "operations": [
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings"
            }
         ],

      "traits": {
            "aws.api#service": {
               "sdkId": "License Manager Linux Subscriptions",
               "arnNamespace": "license-manager-linux-subscriptions",
               "cloudTrailEventSource": "license-manager-linux-subscriptions.amazonaws.com"
            },
            "aws.auth#sigv4": {
               "name": "license-manager-linux-subscriptions"
            },
            "aws.protocols#restJson1": {},
            "smithy.api#cors": {
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                  "content-type",
                  "x-amz-content-sha256",
                  "x-amz-user-agent",
                  "x-amzn-platform-id",
                  "x-amzn-trace-id",
                  "content-length",
                  "x-api-key",
                  "authorization",
                  "x-amz-date",

   "x-amz-security-token",
                  "Access-Control-Allow-Headers",
                  "Access-Control-Allow-Methods",
                  "Access-Control-Allow-Origin"
               ],
               "additionalExposedHeaders": [
                  "x-amzn-errortype",
                  "x-amzn-requestid",
                  "x-amzn-trace-id"
               ]
            },
            "smithy.api#documentation": "<p>With License Manager, you can discover and track your commercial
   Linux subscriptions on running\n      Amazon EC2 instances.</p>",
```

```
        "smithy.api#title": "AWS License Manager Linux Subscriptions",
        "smithy.rules#endpointRuleSet": {
          "version": "1.0",
          "parameters": {
            "Region": {
              "builtIn": "AWS::Region",
              "required": false,
              "documentation": "The
 AWS region used to dispatch the request.",
              "type": "String"
            },
            "UseDualStack": {
              "builtIn": "AWS::UseDualStack",
              "required": true,
              "default": false,
              "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not
support dual-stack, dispatching the request MAY return an error.",
              "type": "Boolean"
            },
            "UseFIPS": {
              "builtIn": "AWS::UseFIPS",
              "required": true,
              "default": false,
              "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the
configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",

             "type": "Boolean"
            },
            "Endpoint": {
              "builtIn": "SDK::Endpoint",
              "required": false,
              "documentation": "Override the endpoint used to send this request",
              "type": "String"
            }
          },
          "rules": [
            {
              "conditions": [
                {
                  "fn": "isSet",
                  "argv": [
                    {
                      "ref": "Endpoint"
                    }
                  ]
                }
              ],
              "type": "tree",
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"rules": [
    {

   "conditions": [
          {
            "fn": "booleanEquals",
            "argv": [
               {
                  "ref": "UseFIPS"
               },
               true
            ]
          }
       ],
       "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
       "type": "error"
    },
    {
       "conditions": [],
       "type": "tree",
       "rules": [
          {

      "conditions": [
                {
                   "fn": "booleanEquals",
                   "argv": [
                      {
                         "ref": "UseDualStack"
                      },
                      true
                   ]
                }
             ],
             "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
             "type": "error"
          },
          {
             "conditions": [],

"endpoint": {
                "url": {
                   "ref": "Endpoint"
                },
                "properties": {},
                "headers": {}
             },
             "type": "endpoint"
```

```
                    }
                ]
            }
        ]
    },
    {
        "conditions": [],
        "type": "tree",
        "rules": [
            {
                "conditions": [
                    {
                        "fn": "isSet",

    "argv": [
                            {
                                "ref": "Region"
                            }
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
                    {
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                            {
                                "fn": "aws.partition",
                                "argv": [
                                    {
                                        "ref": "Region"
                                    }
                                ],

"assign": "PartitionResult"
                            }
                        ],
                        "type": "tree",
                        "rules": [
                            {
                                "conditions": [
                                    {
                                        "fn": "booleanEquals",
                                        "argv": [
                                            {
                                                "ref": "UseFIPS"
                                            },
                                            true
                                        ]
```

```
                },

            {
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                "argv": [
                    {
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                    },
                    true
                ]
            }
        ],
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        "rules": [
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                "conditions": [
                    {

                "fn": "booleanEquals",
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                        {
                            "fn": "getAttr",
                            "argv": [
                                {
                                    "ref": "PartitionResult"
                                },
                                "supportsFIPS"
                            ]

}
                        ]
                    },
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            true,
                            {
                                "fn": "getAttr",
                                "argv": [
                                    {
                                        "ref": "PartitionResult"
                                    },

                                "supportsDualStack"
                                    ]
                                }
                            ]
```

```
                }
            ],
            "type": "tree",
            "rules": [
                {
                    "conditions": [],
                    "type": "tree",
                    "rules": [
                        {

                "conditions": [],
                            "endpoint": {
                                "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                "properties": {},
                                "headers": {}
                            },
                            "type": "endpoint"
                        }
                    ]
                }
            ]

        },
            {
                "conditions": [],
                "error": "FIPS and DualStack are enabled, but this partition does not support
one or both",
                "type": "error"
            }
        ]
    },
    {
        "conditions": [
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                "fn": "booleanEquals",
                "argv": [
                    {

        "ref": "UseFIPS"
                    },
                    true
                ]
            }
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        "type": "tree",
        "rules": [
            {
```

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                "conditions": [
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                        "fn": "booleanEquals",
                        "argv": [
                            true,

    {
                                "fn": "getAttr",
                                "argv": [
                                    {
                                        "ref": "PartitionResult"
                                    },
                                    "supportsFIPS"
                                ]
                            }
                        ]
                    }
                ],
                "type": "tree",

            "rules": [
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                        "conditions": [],
                        "type": "tree",
                        "rules": [
                            {
                                "conditions": [],
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                                    "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                                    "properties": {},
                                    "headers": {}

                                },
                                "type": "endpoint"
                            }
                        ]
                    }
                ]
            },
            {
                "conditions": [],
                "error": "FIPS is enabled but this partition does not support FIPS",
                "type": "error"
            }
        ]
```

```
},
                                    {
                                       "conditions": [
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                                             "argv": [
                                                {
                                                   "ref": "UseDualStack"
                                                },
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                                             ]
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                                                   "argv": [
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                                                      {
                                                         "fn": "getAttr",
                                                         "argv": [
                                                            {
                                                               "ref": "PartitionResult"
                                                            },
                                                            "supportsDualStack"
                                                         ]
                                                      }
                                                   ]
                                                }
                                             ],
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                                                   "rules": [
                                                      {
                                                         "conditions": [],

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subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                                            "properties": {},
                                                            "headers": {}
```

```
                                    },
                                    "type": "endpoint"
                                }
                            ]
                        }
                    ]
                },

        {
                    "conditions": [],
                    "error": "DualStack is enabled but this partition does not support DualStack",
                    "type": "error"
                }
            ]
        },
        {
            "conditions": [],
            "type": "tree",
            "rules": [
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                    "conditions": [],
                    "endpoint": {
                        "url":
"https://license-manager-linux-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                        "properties": {},
                        "headers": {}
                    },
                    "type": "endpoint"
                }
            ]
        }
    ]
}
]
},
{
    "conditions": [],
    "error": "Invalid Configuration: Missing Region",
    "type": "error"
}
]
}
]
},
"smithy.rules#endpointTests": {
    "testCases": [
        {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
```

```
      "expect": {
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          "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
      "expect": {

"endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-east-1.amazonaws.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.us-east-1.api.aws"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
         "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.us-east-1.amazonaws.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
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```
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "endpoint": {

    "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
       "UseDualStack": false
    }
  },
  {
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    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": false,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint":
```

```
{
                    "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
                }
            },
            "params": {
                "Region": "cn-north-1",
                "UseFIPS": false,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
                }
            },
            "params": {
                "Region": "us-gov-east-1",
                "UseFIPS": true,
                 "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
                "endpoint": {
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                }
            },
            "params": {
                "Region": "us-gov-east-1",
                "UseFIPS": true,
                "UseDualStack": false
            }
        },
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            "expect": {
                "endpoint":
{
                    "url": "https://license-manager-linux-subscriptions.us-gov-east-1.api.aws"
                }
            },
            "params": {
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                "UseFIPS": false,
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```
    }
  },
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    "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
    "expect": {
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      }
    },
    "params": {
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      "UseFIPS": false,
       "UseDualStack": false
    }
  },
  {
    "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
    },
    "params": {
      "Region": "us-iso-east-1",
      "UseFIPS": true,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
       }
    },
    "params": {
      "Region": "us-iso-east-1",
      "UseFIPS": true,
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
    "expect": {
      "error": "DualStack is enabled but this partition does not support DualStack"
    },
    "params": {
      "Region": "us-iso-east-1",
      "UseFIPS": false,
      "UseDualStack": true
```

```
            }
        },
        {

    "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions.us-iso-east-1.c2s.ic.gov"
              }
            },
            "params": {
              "Region": "us-iso-east-1",
              "UseFIPS": false,
              "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
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            },
            "params": {

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              "UseFIPS": true,
              "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
              }
            },
            "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-isob-east-1 with FIPS disabled
and DualStack enabled",
            "expect": {
              "error": "DualStack is enabled but this partition does not support DualStack"
            },
            "params": {
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```
                "Region": "us-isob-east-1",
                "UseFIPS": false,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions.us-isob-east-1.sc2s.sgov.gov"
                }
            },
            "params": {
                "Region": "us-isob-east-1",

    "UseFIPS": false,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
            "expect": {
                "endpoint": {
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                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                "UseDualStack": false,
                "Endpoint": "https://example.com"
            }
        },
        {
            "documentation": "For custom endpoint with region not set and fips disabled and dualstack
disabled",

      "expect": {
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                    "url": "https://example.com"
                }
            },
            "params": {
                "UseFIPS": false,
                "UseDualStack": false,
                "Endpoint": "https://example.com"
            }
        },
```

```
            {
              "documentation": "For custom endpoint with fips enabled and dualstack disabled",
              "expect": {
                "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
              },
              "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": false,

        "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "For custom endpoint with fips disabled and dualstack enabled",
              "expect": {
                "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
              },
              "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                "UseDualStack": true,
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "Missing region",
              "expect": {
                "error": "Invalid Configuration: Missing Region"
              }

      }
          ],
          "version": "1.0"
        }
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery": {
      "type": "string",
      "traits": {
        "smithy.api#enum": [
          {
            "name": "Enabled",
            "value": "Enabled",
            "documentation": "Enabled LinuxSubscriptionsDiscovery"
          },
          {
            "name": "Disabled",
```

```
                "value": "Disabled",
                "documentation": "Disabled LinuxSubscriptionsDiscovery"
              }
            ]
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings": {
          "type": "structure",
          "members": {
            "SourceRegions": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
               "traits": {
                "smithy.api#documentation": "<p>The Regions in which to discover data for Linux
subscriptions.</p>",
                "smithy.api#required": {}
              }
            },
            "OrganizationIntegration": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration",
              "traits": {
                "smithy.api#documentation": "<p>Details if you have enabled resource discovery across your
accounts in Organizations.</p>",
                "smithy.api#required": {}
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>Lists the settings defined for discovering Linux subscriptions.</p>"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances": {
          "type":
 "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
```

```
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Lists the running Amazon EC2 instances that were discovered with commercial Linux\n      subscriptions.</p>",
            "smithy.api#http": {

        "code": 200,
              "method": "POST",
              "uri": "/subscription/ListLinuxSubscriptionInstances"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
              "inputToken": "NextToken",
              "outputToken": "NextToken",
              "pageSize": "MaxResults",
              "items": "Instances"
            }
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest": {
          "type": "structure",
          "members": {
            "Filters": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
              "traits": {
                "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by
 the name of\n      <code>AmiID</code> with an optional operator to see subscriptions that match, partially\n match, or don't match a certain Amazon Machine Image (AMI) ID.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>AmiID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>InstanceID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>AccountID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Status</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Region</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>UsageOperation</code>\n      </p>\n      </li>\n      <li>\n
    <p>\n      <code>ProductCode</code>\n      </p>\n      </li>\n      <li>\n      <p>\n
    <code>InstanceType</code>\n      </p>\n      </li>\n      </ul>\n      <p>The valid Operators for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>contains</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>equals</code>\n      </p>\n      </li>\n      <li>\n
      <p>\n      <code>Notequal</code>\n      </p>\n      </li>\n      </ul>"
              }
            },
            "MaxResults": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
              "traits": {
                "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
```

```
        }
            },
            "NextToken": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>",
                "smithy.api#length": {
                  "min": 1,
                  "max": 16384
                }
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse": {
          "type": "structure",
          "members": {
            "Instances": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList",
              "traits": {
                "smithy.api#documentation":
 "<p>An array that contains instance objects.</p>"
              }
            },
            "NextToken": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
```

```
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the Linux subscriptions that have been discovered. If you have linked your\n      organization, the returned results will include data aggregated across your accounts in\n Organizations.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/ListLinuxSubscriptions"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "Subscriptions"
            }

        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest": {
        "type": "structure",
        "members": {
            "Filters": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
                "traits": {
                    "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n <code>Subscription</code> with an optional operator to see subscriptions that match,\n      partially match, or don't match a certain subscription's name.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n <li>\n <p>\n <code>Subscription</code>\n </p>\n </li>\n </ul>\n <p>The valid Operators for this filter are:</p>\n
      <ul>\n <li>\n <p>\n <code>contains</code>\n </p>\n </li>\n <li>\n <p>\n <code>equals</code>\n </p>\n </li>\n <li>\n <p>\n <code>Notequal</code>\n </p>\n </li>\n </ul>"
                }
            },
            "MaxResults": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
                "traits": {
                    "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
                }
```

```
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>",
            "smithy.api#length": {

              "min": 1,
                "max": 16384
            }
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse": {
      "type": "structure",
      "members": {
        "Subscriptions": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList",
          "traits": {
            "smithy.api#documentation": "<p>An array that contains subscription objects.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Operator": {
      "type": "string",
      "traits": {
        "smithy.api#enum": [
          {
            "name": "EQUAL",
            "value": "Equal",
            "documentation": "Equal operator"
          },
          {
            "name": "NOT_EQUAL",
            "value": "NotEqual",
```

```
                "documentation": "Not equal operator"
            },
            {
                "name": "CONTAINS",
                "value": "Contains",
                "documentation": "Contains operator"
            }
        ],
        "smithy.api#length": {
            "min": 1,
            "max": 20
        }
    }
  },

"com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration": {
    "type": "string",
    "traits": {
        "smithy.api#enum": [
            {
                "name": "Enabled",
                "value": "Enabled",
                "documentation": "Enabled OrganizationIntegration"
            },
            {
                "name": "Disabled",
                "value": "Disabled",
                "documentation": "Disabled OrganizationIntegration"
            }
        ]
    }
  },
  "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList": {
    "type": "list",
    "member": {
        "target": "smithy.api#String"
    }
  },
  "com.amazonaws.licensemanagerlinuxsubscriptions#Status": {
    "type": "string",
    "traits": {
        "smithy.api#enum": [

 {
                "name": "InProgress",
                "value": "InProgress",
                "documentation": "InProgress status"
            },
```

```
            {
              "name": "Completed",
              "value": "Completed",
              "documentation": "Completed status"
            },
            {
              "name": "Successful",
              "value": "Successful",
              "documentation": "Successful status"
            },
            {
              "name": "Failed",
              "value": "Failed",
              "documentation": "Failed status"
            }
          ]
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#StringList": {
        "type": "list",
        "member": {
          "target": "smithy.api#String",
          "traits":
{
            "smithy.api#length": {
              "min": 1,
              "max": 100
            }
          }
        },
        "traits": {
          "smithy.api#length": {
            "min": 1,
            "max": 100
          },
          "smithy.api#uniqueItems": {}
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap": {
        "type": "map",
        "key": {
          "target": "smithy.api#String"
        },
        "value": {
          "target": "smithy.api#String"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription": {
```

```
        "type": "structure",
        "members": {
          "Name": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the subscription.</p>"

        }
          },
          "Type": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The type of subscription. The type can be subscription-included with Amazon EC2, Bring Your Own\n      Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain subscriptions may use licensing from the\n      Amazon Web Services Marketplace as well as OS licensing from Amazon EC2 or BYOS.</p>"
            }
          },
          "InstanceCount": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong",
            "traits": {
              "smithy.api#documentation": "<p>The total amount of running instances using this subscription.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>An object which details a discovered Linux subscription.</p>"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request was denied due to request throttling.</p>",
          "smithy.api#error": "client"
        }
      },
```

```
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest"
      },

    "output": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Updates the service settings for Linux subscriptions.</p>",
        "smithy.api#http": {
          "code": 200,
          "method": "POST",
          "uri": "/subscription/UpdateServiceSettings"
        },
        "smithy.api#idempotent": {}
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest":
{
      "type": "structure",
      "members": {
        "LinuxSubscriptionsDiscovery": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
          "traits": {
            "smithy.api#documentation": "<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
            "smithy.api#required": {}
          }
        },
        "LinuxSubscriptionsDiscoverySettings": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
          "traits": {
            "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>",
```

```
  "smithy.api#required": {}
                }
            },
            "AllowUpdate": {
                "target": "smithy.api#Boolean",
                "traits": {
                    "smithy.api#documentation": "<p>Describes if updates are allowed to the service settings for Linux subscriptions. If you\n      allow updates, you can aggregate Linux subscription data in more than one home Region.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse": {
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },

           "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
                    "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation":
 "<p>A message which details the Linux subscriptions service settings current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
```

```
                "smithy.api#documentation": "<p>The Region in which License Manager displays the aggregated
data for Linux\n      subscriptions.</p>"
              }
            }
          }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The provided input is not valid. Try your request again.</p>",
          "smithy.api#error": "client"
        }
      }
    }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
  params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListLicensesOutput)
```

```
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //   - Beneficiary
 //   - ProductSKU
 //   - Fingerprint
 //
  - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
```

```
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{}, middleware.After)
if err != nil {
 return err
}
if
err := addProtocolFinalizerMiddlewares(stack, options, "ListLicenses"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
```

```
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:
     ServiceID,
  OperationName: "ListLicenses",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
```

```
 if params == nil {
  params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 //
 This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
```

```
}
err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack,
options, "DisassociateLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
```

```
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata
 {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "DisassociateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
```

```
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
  params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
 CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Key fingerprint identifying the license.
 //
 // This member is required.
```

```
 KeyFingerprint *string

 // Product SKU.
 //
 // This member is required.
 ProductSKU *string

 // License beneficiary.
 Beneficiary *string

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

 // Checkout type.
 CheckoutType types.CheckoutType

 // Allowed license entitlements.
 EntitlementsAllowed []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string

 // Date and time at which the license checkout is issued.
 IssuedAt *string

 // Amazon Resource
 Name (ARN) of the checkout license.
 LicenseArn *string

 // License consumption token.
 LicenseConsumptionToken *string

 // Node ID.
 NodeId *string

 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}
```

```
func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil
 {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
```

```
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack);
 err != nil {
  return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
```

```
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
  params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier
 that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

 // License entitlements. Partial checkouts are not supported.
 //
 // This member is required.
 Entitlements []types.EntitlementData
```

```
 // Amazon Resource Name (ARN) of the license. The license must use the borrow
 // consumption configuration.
 //
 // This member is required.
 LicenseArn *string

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Allowed license entitlements.
 EntitlementsAllowed
 []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string

 // Date and time at which the license checkout is issued.
 IssuedAt *string

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License consumption token.
 LicenseConsumptionToken *string

 // Node ID.
 NodeId *string

 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}
```

```
func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return
 err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutBorrowLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return
```

```
 err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutBorrowLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager
```

```
import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
  params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide
 to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional
 // configuration for workloads running with continuous connectivity. Choose a
 // borrow configuration for workloads with offline usage.
 //
 // This member is required.
 ConsumptionConfiguration *types.ConsumptionConfiguration
```

```
// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity
*types.DatetimeRange

// Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

// Amazon Resource Name (ARN) of the license.
LicenseArn *string
```

```
// License status.
Status types.LicenseStatus

// License version.
Version *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
 return err
}
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "CreateLicense"); err != nil {
 return fmt.Errorf("add
protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
 err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
```

```
 Region:        region,
 ServiceID:     ServiceID,
 OperationName:
"CreateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
  params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
```

```
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "GetLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return
 err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
```

```
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpGetLicenseValidationMiddleware(stack);
 err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
```

```
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "GetLicense",
 }
}
```

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LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
```

```
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
  params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
   - ProductSKU
 //   - Status
 //   - Fingerprint
 //   - IssuerName
 //   - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense
```

```
 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{},
 middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "ListReceivedLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
```

```
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "ListReceivedLicenses",
```

}
}

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```
{
  "smithy": "2.0",
  "shapes": {
    "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>You don't have sufficient access to perform this action.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider": {
      "type": "structure",
      "members": {
        "DirectoryId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The directory ID for an Active Directory identity provider.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation":
```

```
"<p>Details about an Active Directory identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUser": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
           },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Associates the user to an EC2 instance to utilize user-based
subscriptions.</p>\n          <note>\n          <p>Your estimated bill for charges on the number of users and related
costs will take 48\n          hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing
status) in Amazon Web Services Billing. For more information, see <a
href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n
          monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n          </note>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/user/AssociateUser"
          },
          "smithy.api#idempotent": {}
        }
```

```
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest": {
      "type": "structure",
      "members": {
        "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
            "smithy.api#required": {}
          }
        },
        "InstanceId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The ID of the
EC2 instance, which provides user-based subscriptions.</p>",
            "smithy.api#required": {}
          }
        },
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>The identity provider of the user.</p>",
            "smithy.api#required": {}
          }
        },
        "Domain": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The domain name of the user.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse": {
      "type": "structure",
      "members": {
        "InstanceUserSummary": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
           "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
            "smithy.api#required": {}
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#BoxInteger": {
      "type": "integer"
```

```
    },
    "com.amazonaws.licensemanagerusersubscriptions#ConflictException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The request couldn't be completed because it conflicted with the current
state of the\n      resource.</p>",
        "smithy.api#error": "server"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider":
{
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
         },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Deregisters the identity provider from providing user-based
```

```
subscriptions.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/identity-provider/DeregisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest": {
          "type": "structure",
          "members": {
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                 "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                 "smithy.api#required": {}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                 "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                 "smithy.api#required": {}
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse": {
          "type": "structure",
          "members": {
            "IdentityProviderSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
              "traits": {
                 "smithy.api#documentation":
 "<p>Metadata that describes the results of an identity provider operation.</p>",
                 "smithy.api#required": {}
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse"
```

```
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Disassociates the user from an EC2 instance providing user-based subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/user/DisassociateUser"
          },
          "smithy.api#idempotent": {}
        }

    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest": {
      "type": "structure",
      "members": {
        "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
            "smithy.api#required": {}
          }
        },
        "InstanceId": {
          "target": "smithy.api#String",
```

```
            "traits": {
                "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                "smithy.api#required": {}
            }
        },
        "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
                "smithy.api#documentation":
"<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required": {}
            }
        },
        "Domain": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
        }
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse": {
    "type": "structure",
    "members": {
      "InstanceUserSummary": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
        "traits": {
          "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
          "smithy.api#required": {}
        }
      }
    }
  },

"com.amazonaws.licensemanagerusersubscriptions#Filter": {
    "type": "structure",
    "members": {
      "Attribute": {
        "target": "smithy.api#String",
        "traits": {
          "smithy.api#documentation": "<p>The name of an attribute to use as a filter.</p>"
        }
      },
      "Operation": {
        "target": "smithy.api#String",
        "traits": {
          "smithy.api#documentation": "<p>The type of search (For example, eq, geq, leq)</p>"
```

```
            }
          },
          "Value": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Value of the filter.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>A filter name and value pair that is used
 to return more specific results from a describe\n      operation. Filters can be used to match a set of resources by
specific criteria, such as tags,\n      attributes, or IDs.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#FilterList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Filter"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider": {
        "type": "union",
        "members": {
          "ActiveDirectoryIdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that details an Active Directory identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
 "<p>Details about an identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary": {
        "type": "structure",
        "members": {
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Settings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
```

```
            "traits": {
                "smithy.api#documentation": "<p>An object that details the registered identity providers product related configuration\n      settings such as the subnets to provision VPC endpoints.</p>",
                "smithy.api#required":
 {}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status of an identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "FailureMessage": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The failure message associated with an identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
 "<p>Describes an identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary": {
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based subscriptions.</p>",
              "smithy.api#required": {}
```

```
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status
of an EC2 instance resource.</p>",
              "smithy.api#required": {}
            }
          },
          "Products": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StringList",
            "traits": {
              "smithy.api#documentation": "<p>A list of provided user-based subscription products.</p>",
              "smithy.api#required": {}
            }
          },
          "LastStatusCheckDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The date of the last status check.</p>"
            }
          },
          "StatusMessage": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status message for an EC2 instance.</p>"
            }

    }
        },
        "traits": {
          "smithy.api#documentation": "<p>Describes an EC2 instance providing user-based subscriptions.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary": {
        "type": "structure",
        "members": {
          "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
```

```
                "smithy.api#required": {}
            }
        },
        "InstanceId": {
            "target": "smithy.api#String",
            "traits":
{
                "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                "smithy.api#required": {}
            }
        },
        "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required": {}
            }
        },
        "Status": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The status of a user associated with an EC2 instance.</p>",
                "smithy.api#required": {}
            }
        },
        "StatusMessage": {
            "target": "smithy.api#String",
             "traits": {
                "smithy.api#documentation": "<p>The status message for users of an EC2 instance.</p>"
            }
        },
        "Domain": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
        },
        "AssociationDate": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The date a user was associated with an EC2 instance.</p>"
            }
        },
        "DisassociationDate": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The date a user was disassociated from an EC2 instance.</p>"
```

```
            }
          }

  },
        "traits": {
          "smithy.api#documentation": "<p>Describes users of an EC2 instance providing user-based
subscriptions.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InternalServerException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
          "smithy.api#error": "server"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#LicenseManagerUserSubscriptions": {
        "type": "service",

       "version": "2018-05-10",
        "operations": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUser"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstances"
          },
          {
```

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            "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions"
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          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations"

},
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings"
          }
        ],
        "traits": {
          "aws.api#service": {
            "sdkId": "License Manager User Subscriptions",
            "arnNamespace": "license-manager-user-subscriptions",
            "cloudTrailEventSource": "license-manager-user-subscriptions.amazonaws.com"
          },
          "aws.auth#sigv4": {
            "name": "license-manager-user-subscriptions"
           },
          "aws.protocols#restJson1": {},
          "smithy.api#cors": {
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              "content-type",
              "x-amz-content-sha256",
              "x-amz-user-agent",
              "x-amzn-platform-id",
              "x-amzn-trace-id",
              "content-length",
              "x-api-key",
              "authorization",
              "x-amz-date",
              "x-amz-security-token",
              "Access-Control-Allow-Headers",
              "Access-Control-Allow-Methods",
              "Access-Control-Allow-Origin"
            ],
            "additionalExposedHeaders": [
              "x-amzn-errortype",
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```
                "x-amzn-requestid",
                "x-amzn-trace-id"

 ]
            },
            "smithy.api#documentation": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with\n      a per user subscription fee on Amazon EC2 instances.</p>",
            "smithy.api#title": "AWS License Manager User Subscriptions",
            "smithy.rules#endpointRuleSet": {
              "version": "1.0",
              "parameters": {
                "Region": {
                  "builtIn": "AWS::Region",
                  "required": false,
                  "documentation": "The AWS region used to dispatch the request.",
                  "type": "String"
                },
                "UseDualStack": {
                  "builtIn": "AWS::UseDualStack",
                  "required": true,
                  "default": false,
                  "documentation": "When true, use the dual-stack
 endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
                  "type": "Boolean"
                },
                "UseFIPS": {
                  "builtIn": "AWS::UseFIPS",
                  "required": true,
                  "default": false,
                  "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
                  "type": "Boolean"
                },
                "Endpoint": {
                  "builtIn": "SDK::Endpoint",
                  "required": false,
                  "documentation": "Override the endpoint used to send this request",
                  "type": "String"
                }

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                "conditions": [
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                    "fn": "isSet",
                    "argv": [
                      {
```

```
                "ref": "Endpoint"
              }
            ]
          }
        ],
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        "rules": [
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                "fn": "booleanEquals",
                "argv": [
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                    "ref": "UseFIPS"
                  },

                  true
                ]
              }
            ],
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            "type": "error"
          },
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                "fn": "booleanEquals",
                "argv": [
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                  true
                ]
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      "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
            "type": "error"
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                "ref": "Endpoint"
              },
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              "headers": {}
            },
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                "argv": [

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                    "ref": "Region"
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                ]
              }
            ],
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                    "argv": [
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                        "ref": "Region"
                      }
                    ],
                    "assign": "PartitionResult"
                  }
                ],
                "type": "tree",

"rules": [
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                        "fn": "booleanEquals",
                        "argv": [
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                            "ref": "UseFIPS"
                          },
                          true
                        ]
                      },
                      {
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                        "argv": [
                          {
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```
                "ref": "UseDualStack"

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        "type": "tree",
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                "argv": [
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                  {
                    "fn": "getAttr",

"argv": [
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                        "ref": "PartitionResult"
                      },
                      "supportsFIPS"
                    ]
                  }
                ]
              },
              {
                "fn": "booleanEquals",
                "argv": [
                  true,
                  {

        "fn": "getAttr",
                      "argv": [
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                          "ref": "PartitionResult"
                        },
                        "supportsDualStack"
                      ]
                    }
                  ]
                }
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              "type": "tree",
              "rules": [
                {
```

```
            "conditions": [],
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fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                       "properties": {},
                                       "headers": {}
                                    },
                                    "type": "endpoint"
                                 }
                              ]
                           },
                           {
                              "conditions": [],
                              "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
                               "type": "error"
                           }
                        ]
                     },
                     {
                        "conditions": [
                           {
                              "fn": "booleanEquals",
                              "argv": [
                                 {
                                    "ref": "UseFIPS"
                                 },
                                 true
                              ]
                           }
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                                       {
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                                          "argv": [
                                             {
                                                "ref": "PartitionResult"
                                             },
                                             "supportsFIPS"
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                                    ]
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                                        "headers": {}

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                            "type": "error"
                        }
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                            "argv": [
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                                },
                                true
                            ]
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                                    "argv": [
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                                        {
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                                            },
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                                        ]
                                    }
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subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
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                                    "headers": {}
                                },
                                "type": "endpoint"
                            }
                        ]
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                        "conditions": [],
                        "error": "DualStack is enabled but this partition does
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                        "type": "error"
                    }
                ]
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            {
                "conditions": [],
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subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    }
]
```

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            },
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              "error": "Invalid Configuration: Missing Region",
              "type": "error"
            }
          ]
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        "smithy.rules#endpointTests": {
          "testCases": [
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              "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
              "expect": {
                "endpoint": {
                  "url": "https://license-manager-user-subscriptions-fips.us-east-1.api.aws"
                }
              },
              "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": true
              }
            },
            {
              "documentation":
"For region us-east-1 with FIPS enabled and DualStack disabled",
              "expect": {
                "endpoint": {
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                }
              },
              "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": false
              }
            },
            {
              "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
              "expect": {
                "endpoint": {
                  "url": "https://license-manager-user-subscriptions.us-east-1.api.aws"
                }
              },

            "params": {
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            "UseFIPS": false,
            "UseDualStack": true
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        },
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          "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-east-1.amazonaws.com"
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          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": false
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        },
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          "documentation": "For region cn-north-1 with
 FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.cn-north-
1.api.amazonwebservices.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
            "UseDualStack": true
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        {
          "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.cn-north-1.amazonaws.com.cn"
            }
          },

      "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
            "UseDualStack": false
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        },
        {
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              }
            },
            "params": {
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              "UseFIPS": false,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region cn-north-1
with FIPS disabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions.cn-north-1.amazonaws.com.cn"
              }
            },
            "params": {
              "Region": "cn-north-1",
              "UseFIPS": false,
              "UseDualStack": false
            }
          },
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            "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.api.aws"
              }
            },

      "params": {
              "Region": "us-gov-east-1",
              "UseFIPS": true,
              "UseDualStack": true
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            "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
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              }
            },
            "params": {
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                "UseDualStack": false
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            "documentation": "For region us-gov-east-1
with FIPS disabled and DualStack enabled",
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                }
            },
            "params": {
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                "UseFIPS": false,
                "UseDualStack": true
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        {
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                    "url": "https://license-manager-user-subscriptions.us-gov-east-1.amazonaws.com"
                }
            },

    "params": {
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                "UseDualStack": false
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            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
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            },
            "params": {
                "Region": "us-iso-east-1",
                "UseFIPS": true,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
            "expect":
{
                "endpoint": {
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```
                "url": "https://license-manager-user-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
              }
            },
            "params": {
              "Region": "us-iso-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
              "error": "DualStack is enabled but this partition does not support DualStack"
            },
            "params": {
              "Region": "us-iso-east-1",
              "UseFIPS": false,
              "UseDualStack":
true
            }
          },
          {
            "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
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                "url": "https://license-manager-user-subscriptions.us-iso-east-1.c2s.ic.gov"
              }
            },
            "params": {
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              "UseFIPS": false,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
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this partition does not support one or both"
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            "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
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      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
        }
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }

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    {
      "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "error": "DualStack is enabled but this partition does not support DualStack"
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions.us-isob-east-1.sc2s.sgov.gov"
        }
      },
       "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
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```
        }
      },
      {

"documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
        "expect": {
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          }
        },
        "params": {
          "UseFIPS": false,
          "UseDualStack": false,
          "Endpoint": "https://example.com"
        }
      },
      {
        "documentation": "For custom endpoint with fips enabled and dualstack disabled",
        "expect": {
          "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
        },
        "params": {
          "Region": "us-east-1",
           "UseFIPS": true,
          "UseDualStack": false,
          "Endpoint": "https://example.com"
        }
      },
      {
        "documentation": "For custom endpoint with fips disabled and dualstack enabled",
        "expect": {
          "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
        },
        "params": {
          "Region": "us-east-1",
          "UseFIPS": false,
          "UseDualStack": true,
          "Endpoint": "https://example.com"
        }
      },
      {
        "documentation": "Missing region",
        "expect": {
           "error": "Invalid Configuration: Missing Region"
        }
      }
    ],
    "version": "1.0"
```

```
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the identity providers for user-based subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/ListIdentityProviders"
            },
            "smithy.api#paginated":
{
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "IdentityProviderSummaries"
            }
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```
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest": {
        "type": "structure",
        "members": {
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse":
{
        "type": "structure",
        "members": {
          "IdentityProviderSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list identity providers operation.</p>",
              "smithy.api#required": {}
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstances": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest"
         },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse"
        },
        "errors": [
          {
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            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/instance/ListInstances"
          },
          "smithy.api#paginated": {
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "InstanceSummaries"
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest": {
        "type": "structure",
        "members": {
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
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            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
```

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                "smithy.api#documentation": "<p>Token for the next set of results.</p>"
              }
            },
            "Filters": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
              "traits": {
                "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse": {
          "type":
 "structure",
          "members": {
            "InstanceSummaries": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList",
              "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the list instances operation.</p>"
              }
            },
            "NextToken": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse"
           },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the user-based subscription products available from an identity
provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListProductSubscriptions"
            },
            "smithy.api#paginated": {
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "ProductUserSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest": {
        "type": "structure",
        "members": {
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name
 of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "MaxResults": {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {

  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse": {
        "type": "structure",
        "members": {
          "ProductUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list product subscriptions operation.</p>"
            }
          },

       "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse"
        },
```

```
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target":
"com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists user associations for an identity provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListUserAssociations"
            },
            "smithy.api#paginated":
{
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "InstanceUserSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest": {
        "type": "structure",
        "members": {
            "InstanceId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
```

```
                "smithy.api#required": {}
            }
        },
        "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
                "smithy.api#required": {}
            }
        },
        "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
                "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
        },
        "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
                "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
 that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
        },
        "NextToken": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
        }
    }
},
"com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse": {
    "type": "structure",
    "members": {
        "InstanceUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList",
            "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the list user association operation.</p>"
            }
        },
        "NextToken": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
        }
```

```
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary": {
    "type": "structure",
    "members": {

    "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
            "smithy.api#required": {}
          }
        },
        "Product": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
            "smithy.api#required": {}
          }
        },
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }

},
        "Status": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status of a product for a user.</p>",
            "smithy.api#required": {}
          }
        },
        "StatusMessage": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status message for a product for a user.</p>"
          }
        },
        "Domain": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The domain name of the user.</p>"
          }
        },
        "SubscriptionStartDate": {
```

```
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The
start date of a subscription.</p>"
            }
          },
          "SubscriptionEndDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The end date of a subscription.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The summary of the user-based subscription products for a user.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest"
         },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
```

```
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Registers an identity provider for user-based subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/RegisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "Settings": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
                "traits": {
                    "smithy.api#documentation": "<p>The registered identity providers product related configuration
 settings such as the\n      subnets to provision VPC endpoints.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
            "IdentityProviderSummary":
```

```
{
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the results of an identity provider
operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The resource couldn't be found.</p>",
          "smithy.api#error": "client",
          "smithy.api#httpError": 404
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup": {
        "type": "string",

    "traits": {
          "smithy.api#length": {
            "min": 5,
            "max": 200
          },
          "smithy.api#pattern": "^sg-(([0-9a-z]{8})|([0-9a-z]{17}))$"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request failed because a service quota is exceeded.</p>",
          "smithy.api#error": "client"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Settings": {
        "type": "structure",
```

```
        "members": {
          "Subnets": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation":
 "<p>The subnets defined for the registered identity provider.</p>",
              "smithy.api#length": {
                "min": 1
              },
              "smithy.api#required": {}
            }
          },
          "SecurityGroupId": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
            "traits": {
              "smithy.api#documentation": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in\n      your VPC and the VPC endpoint for activation servers.</p>",
              "smithy.api#required": {}
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The registered identity providers product related configuration settings
such as the\n      subnets to provision VPC endpoints, and the security group ID that
 is associated with the VPC\n      endpoints. The security group should permit inbound TCP port 1688
communication from resources\n      in the VPC.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
           },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
```

```
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Starts a product subscription for a user with the specified identity provider.</p>\n        <note>\n            <p>Your estimated bill for charges on the number of users and related costs will take 48\n        hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing.
 For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n        monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n        </note>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/StartProductSubscription"
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required": {}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
```

```
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse": {
        "type": "structure",
         "members": {
          "ProductUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the start product subscription
operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"

    },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Stops a product subscription for a user with the specified identity
provider.</p>",
             "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/StopProductSubscription"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required":
{}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            }
```

```
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse": {
        "type": "structure",
        "members": {
          "ProductUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
            "traits": {
              "smithy.api#documentation":
"<p>Metadata that describes the start product subscription operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StringList": {
        "type": "list",
        "member": {
          "target": "smithy.api#String"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnet": {
        "type": "string",
        "traits": {
          "smithy.api#pattern": "subnet-[a-z0-9]{8,17}"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnets": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Subnet"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
          "message": {

           "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request was denied because of request throttling. Retry the
request.</p>",
          "smithy.api#error": "client"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings": {
```

```
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Updates additional product configuration settings for the registered
identity\n      provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/UpdateIdentityProviderSettings"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                 "traits": {
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
```

```
            "UpdateSettings": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings",
                "traits": {
                    "smithy.api#documentation": "<p>Updates the registered identity providers product related
configuration settings. You can\n      update any combination of settings in a single operation such as the:</p>\n
<ul>\n            <li>\n                <p>Subnets which you want to add to provision VPC endpoints.</p>\n            </li>\n
          <li>\n                <p>Subnets which you want to remove the VPC endpoints from.</p>\n            </li>\n
<li>\n                <p>Security group ID which permits traffic to the VPC endpoints.</p>\n            </li>\n        </ul>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse": {
        "type": "structure",
        "members": {
            "IdentityProviderSummary": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
                "traits": {
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings": {
        "type": "structure",
        "members": {
            "AddSubnets": {

             "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of one or more subnets in which License Manager will
create a VPC endpoint for products that\n      require connectivity to activation servers.</p>",
                    "smithy.api#required": {}
                }
            },
            "RemoveSubnets": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of one or more subnets to remove.</p>",
                    "smithy.api#required": {}
                }
            },
            "SecurityGroupId": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
                "traits": {
                    "smithy.api#documentation": "<p>A security group ID
```

```
 that allows inbound TCP port 1688 communication between resources in\n      your VPC and the VPC endpoints for
activation servers.</p>"
                }
              }
            },
            "traits": {
              "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration
settings such as\n      the subnets to provision VPC endpoints.</p>"
            }
          },
          "com.amazonaws.licensemanagerusersubscriptions#ValidationException": {
            "type": "structure",
            "members": {
              "message": {
                "target": "smithy.api#String"
              }
            },
            "traits": {
              "smithy.api#documentation": "<p>A parameter is not valid.</p>",
              "smithy.api#error": "client"
            }
          }
        }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
  params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
```

```
 return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version
 of the license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{}, middleware.After)
 if err != nil {
```

```
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "DeleteLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack,
options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if
err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "DeleteLicense",
 }
}
```

1.322 rtmpdump 2.4+20151223.gitfa8646d.1-2build1

1.322.1 Available under license :

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1.323 x-net 0.30.0

1.323.1 Available under license :

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1.324 zlib 1:1.2.11.dfsg-2+deb11u2

1.324.1 Available under license :

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

/* gun.c -- simple gunzip to give an example of the use of inflateBack()
* Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
  Version 1.7 12 August 2012 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c
No license file was found, but licenses were detected in source scan.

/* gzwrite.c -- zlib functions for writing gzip files
* Copyright (C) 2004-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c
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/* inffast.h -- header to use inffast.c
* Copyright (C) 1995-2003, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.h
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/* unzip.c -- IO for uncompress .zip files using zlib
  Version 1.1, February 14h, 2010
  part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

        Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

        Modifications of Unzip for Zip64
        Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of compatibility with older software. The following is from the original crypt.c.
Code woven in by Terry Thorsen 1/2003.

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See the accompanying
file LICENSE, version 2000-Apr-09 or later
(the contents of which are also included in zip.h) for terms of use.
If, for some reason, all these files are missing, the Info-ZIP license
also may be found at: ftp://ftp.info-zip.org/pub/infozip/license.html

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the
non-echoing password parts) were originally written in Europe. The
whole source package can be freely distributed, including from the USA.
(Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from
Roger Schlafly, described by Phil Katz in the file appnote.txt. This
file (appnote.txt) is distributed with the PKZIP program (even in the
version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).
Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G
should only read the compressed/uncompressed size from the Zip64 format if
the size from normal header was 0xFFFFFFFF

Oct-2009 - Mathias Svensson - Applied some bug fixes from paches recived from Gilles Vollant
Oct-2009 - Mathias Svensson - Applied support to unzip files with compression mathod BZIP2 (bzip2 lib is required)
Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.c
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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3
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/* inflate.c -- zlib decompression
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c
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/* infback.c -- inflate using a call-back interface
* Copyright (C) 1995-2016 Mark Adler
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*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infback.c
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Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2
No license file was found, but licenses were detected in source scan.

/* gzlog.h
 Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
 version 2.2, 14 Aug 2012

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*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h
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/* uncompr.c -- decompress a memory buffer
* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c
No license file was found, but licenses were detected in source scan.

/* inflate.h -- internal inflate state definition
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h

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

/* zconf.h -- configuration of the zlib compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
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*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h
No license file was found, but licenses were detected in source scan.

/* zip.h -- IO on .zip files using zlib
Version 1.1, February 14h, 2010
part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

Modifications for Zip64 support
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h
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/*
* gzlog.c
* Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
* For conditions of distribution and use, see copyright notice in gzlog.h
* version 2.2, 14 Aug 2012
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c
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/* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c

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ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

All functions of the compression library are documented in the file zlib.h (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file test/example.c which also tests that the library is working correctly. Another example is given in the file test/minigzip.c. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of Makefile.in. In short "./configure; make test", and if that goes well, "make install" should work
for most flavors of Unix. For Windows, use
one of the special makefiles in win32/ or contrib/vstudio/ . For VMS, use make_vms.com.

Questions about zlib should be sent to <zlib@gzip.org>, or to Gilles Vollant <info@winimage.com> for the Windows DLL version. The zlib home page is http://zlib.net/ . Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson <markn@ieee.org> wrote an article about zlib for the Jan. 1997 issue of Dr. Dobb's Journal; a copy of the article is available at http://marknelson.us/1997/01/01/zlib-engine/ .

The changes made in version 1.2.11 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory contrib/ .

zlib is available in Java using the java.util.zip package, documented at http://java.sun.com/developer/technicalArticles/Programming/compression/
.

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is available at CPAN (Comprehensive Perl Archive Network) sites, including http://search.cpan.org/~pmqs/IO-Compress-Zlib/ .

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is
available in Python 1.5 and later versions, see
http://docs.python.org/library/zlib.html .

zlib is built into tcl: http://wiki.tcl.tk/4610 .

An experimental package to read and write files in .zip format, written on top
of zlib by Gilles Vollant <info@winimage.com>, is available in the
contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt

- For 64-bit Irix, deflate.c must be compiled without any optimization. With
 -O, one libpng test fails. The test works in 32 bit mode (with the -n32
 compiler flag). The compiler bug has been reported to SGI.

- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under
 OSF/1 2.1 it works
 when compiled with cc.

- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is
 necessary to get gzprintf working correctly. This is done by configure.

- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with
 other compilers. Use "make test" to check your compiler.

- gzdopen is not supported on RISCOS or BEOS.

- For PalmOs, see http://palmzlib.sourceforge.net/

Acknowledgments:

 The deflate format used by zlib was defined by Phil Katz. The deflate and
 zlib specifications were written by L. Peter Deutsch. Thanks to all the
 people who reported problems and suggested various improvements in zlib; they
 are too numerous to cite here.

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

If you use the zlib library in a product, we would appreciate *not* receiving
lengthy legal documents to sign. The sources are provided for free but without
warranty of any kind. The library has been entirely written by Jean-loup
Gailly and Mark Adler; it does not include
third-party code.

If you redistribute modified sources, we would appreciate that you include in
the file ChangeLog history information documenting your changes. Please read
the FAQ for more information on the distribution of modified source versions.

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README
No license file was found, but licenses were detected in source scan.

/* fitblk.c: example of fitting compressed output to a specified size
  Not copyrighted -- provided to the public domain
  Version 1.1 25 November 2004 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c
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/* gzread.c -- zlib functions for reading gzip files
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c
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/* inftrees.h -- header to use inftrees.c
* Copyright (C) 1995-2005, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.h
No license file was found, but licenses were detected in source scan.

/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

 Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

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 Jean-loup Gailly   Mark Adler
 jloup@gzip.org   madler@alumni.caltech.edu

 The data format used by the zlib library is described by RFCs (Request for
 Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950
 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h
No license file was found, but licenses were detected in source scan.

/* deflate.c -- compress data using the deflation algorithm
* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c
No license file was found, but licenses were detected in source scan.

/* deflate.h -- internal compression state
* Copyright (C) 1995-2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h
No license file was found, but licenses were detected in source scan.

/* minigzip.c -- simulate gzip using the zlib compression library
* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c
No license file was found, but licenses were detected in source scan.

/* gzlib.c -- zlib functions common to reading and writing gzip files
* Copyright (C) 2004-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c
No license file was found, but licenses were detected in source scan.

/* infcover.c -- test zlib's inflate routines with full code coverage
* Copyright (C) 2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c
No license file was found, but licenses were detected in source scan.

/* inftrees.c -- generate Huffman trees for efficient decoding
* Copyright (C) 1995-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c

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

/* zutil.c -- target dependent utility functions for the compression library
* Copyright (C) 1995-2017 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c
No license file was found, but licenses were detected in source scan.

/* example.c -- usage example of the zlib compression library
* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/example.c
No license file was found, but licenses were detected in source scan.

/* trees.c -- output deflated data using Huffman coding
* Copyright (C) 1995-2017 Jean-loup Gailly
* detect_data_type() function provided freely by Cosmin Truta, 2006
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c
No license file was found, but licenses were detected in source scan.

MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (http://www.winimage.com/zLibDll/minizip.html)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0.
All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64
support for unzip.c into minizip for a open source project called gdal (http://www.gdal.org/)

That was used as a starting point. And after that ZIP64 support was added to zip.c
some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

---

* Added ZIP64 support for unzip (by Even Rouault)
* Added ZIP64 support for zip (by Mathias Svensson
)
* Reverted some changed that Even Rouault did.
* Bunch of patches received from Gulles Vollant that he received for MiniZip from various users.
* Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
* Added BZIP Compress method for zip
* Did some refactoring and code cleanup

Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout http://result42.com/projects/ZipFileLayout
Command line tool for Windows that shows the layout and information of the headers in a zip archive.
Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note http://www.pkware.com/documents/casestudies/APPNOTE.TXT
Zip File specification

Notes.
* To be able to use BZip compression method in
zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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2. Altered source versions must be plainly marked as such, and must not be
   misrepresented as being the original software.
3. This notice may
not be removed or altered from any source distribution.

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt
No license file was found, but licenses were detected in source scan.

/*
 Additional tools for Minizip
 Code: Xavier Roche '2004
 License: Same as ZLIB (www.gzip.org)
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h
No license file was found, but licenses were detected in source scan.

/* compress.c -- compress a memory buffer
* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c
No license file was found, but licenses were detected in source scan.

/* gzclose.c -- zlib gzclose() function
* Copyright (C) 2004, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c
No license file was found, but licenses were detected in source scan.

/* unzip.h -- IO for uncompress .zip files using zlib
  Version 1.1, February 14h, 2010
  part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

Modifications of Unzip for Zip64
Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

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Changes

See header of unzip64.c

*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h
No license file was found, but licenses were detected in source scan.

/* zran.c -- example of zlib/gzip stream indexing and random access
* Copyright (C) 2005, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
  Version 1.1 29 Sep 2012 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c
No license file was found, but licenses were detected in source scan.

/* inffast.c -- fast decoding
* Copyright (C) 1995-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c
No license file was found, but licenses were detected in source scan.

/* crc32.c -- compute the CRC-32 of a data stream
* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*
* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster
* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing
* tables for updating the shift register in one step with three exclusive-ors
* instead of four steps with four exclusive-ors. This results in about a
* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c
No license file was found, but licenses were detected in source scan.

/* adler32.c -- compute the Adler-32 checksum of a data stream
* Copyright (C) 1995-2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c
No license file was found, but licenses were detected in source scan.

/* zutil.h -- internal interface and configuration of the compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h
No license file was found, but licenses were detected in source scan.

/* gzguts.h -- zlib internal header definitions for gz* operations
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h
No license file was found, but licenses were detected in source scan.

/* zpipe.c: example of proper use of zlib's inflate() and deflate()
  Not copyrighted -- provided to the public domain
  Version 1.4 11 December 2005 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c
No license file was found, but licenses were detected in source scan.

/* gzappend -- command to append to a gzip file

 Copyright (C) 2003, 2012 Mark Adler, all rights reserved
 version 1.2, 11 Oct 2012

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 removed or altered from any source distribution.

 Mark Adler   madler@alumni.caltech.edu
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c
No license file was found, but licenses were detected in source scan.

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page

http://zlib.net/ which may have more recent information.
The lastest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the file win32/DLL_FAQ.txt in the zlib distribution. Pointers to the precompiled DLL are found in the zlib web site at http://zlib.net/ .

3. Where can I get a Visual Basic interface to zlib?

See
* http://marknelson.us/1997/01/01/zlib-engine/
* win32/DLL_FAQ.txt in the zlib distribution

4. compress() returns Z_BUF_ERROR.

Make sure that before the call of compress(), the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual
Basic, check that this parameter is passed by reference ("as any"), not by value ("as long").

5. deflate() or inflate() returns Z_BUF_ERROR.

Before making the call, make sure that avail_in and avail_out are not zero. When setting the parameter flush equal to Z_FINISH, also make sure that avail_out is big enough to allow processing all pending input. Note that a Z_BUF_ERROR is not fatal--another call to deflate() or inflate() can be made with more input or output space. A Z_BUF_ERROR may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when strm.avail_out returns with zero. See http://zlib.net/zlib_how.html for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in zlib.h . Examples of zlib usage are in the files test/example.c and test/minigzip.c, with more in examples/ .

7. Why don't you use GNU
autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package.
zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib.
Please try to reproduce the problem with a small program and send the
corresponding source to us at zlib@gzip.org . Do not send multi-megabyte
data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

example.o(.text+0x154): undefined reference to `gzputc'

check that you don't have old files libz.* in /usr/lib, /usr/local/lib or
/usr/X11R6/lib. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the contrib/delphi directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory contrib/minizip in the zlib
distribution.

12.
Can zlib handle .Z files?

No, sorry. You have to spawn an uncompress or gunzip subprocess, or adapt
the code of uncompress on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

make distclean
./configure
make

14. How do I install a shared zlib library on Unix?

After the above, then:

make install

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and trying to install it, you may want to check if it's already there! If you can #include <zlib.h>, it's there. The -lz option will probably link to it. You can check the version at the top of zlib.h or with the ZLIB_VERSION symbol defined in zlib.h .

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16.
Can zlib decode Flate data in an Adobe PDF file?

Yes. See http://www.pdflib.com/ . To modify PDF forms, see http://sourceforge.net/projects/acroformtool/ .

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so: symbol __register_frame_info: referenced symbol not found

The symbol __register_frame_info is not part of zlib, it is generated by the C compiler (cc or gcc). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See http://www.sunfreeware.com for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The compress and deflate functions produce data in the zlib format, which is different and incompatible
with the gzip format. The gz* functions in
zlib on the other hand use the gzip format. Both the zlib and gzip formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The gzip format was designed to retain the directory information about a single file, such as the name and last modification date. The zlib format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than gzip.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib format using deflateInit2(). You can also request that inflate decode the gzip format using inflateInit2(). Read zlib.h for more details.

21. Is zlib thread-safe?

Yes. However any library routines that zlib uses and any application-provided memory allocation routines must also be thread-safe. zlib's gz* functions use stdio library routines, and most of zlib's functions use the library memory allocation routines by default. zlib's *Init* functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in zlib.h.

23. Is zlib under the GNU license?

No. Please read the license in zlib.h.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the ZLIB_VERSION and ZLIB_VERNUM #defines in zlib.h. In particular, the final version number needs to be changed to "f", and an identification string should be appended to ZLIB_VERSION. Version numbers x.x.x.f are reserved for modifications to zlib by others than the zlib maintainers. For example, if the version of the base zlib you are altering is "1.2.3.4", then in zlib.h you should change ZLIB_VERNUM to 0x123f, and ZLIB_VERSION to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in deflate.c and inftrees.c.

For altered source distributions, you should also note the origin and nature of the changes in zlib.h, as well as in ChangeLog and README, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled zlib library along with zlib.h and zconf.h is also a source distribution, and so you should change ZLIB_VERSION and ZLIB_VERNUM and note the origin and nature of the changes

in zlib.h as you would for a full source distribution.

25.
Will zlib work on a big-endian or little-endian architecture, and can I
exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any
data types being limited to 32-bits in length. If you have any
difficulties, please provide a complete problem report to zlib@gzip.org

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than
does PKZIP and zlib. However, you can look in zlib's contrib/blast
directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use
Z_FULL_FLUSH, carefully write all the pending data at those points, and
keep an index of those locations, then you can start decompression at those
points. You have to be
careful to not use Z_FULL_FLUSH too often, since it
can significantly degrade compression. Alternatively, you can scan a
deflate stream once to generate an index, and then use that index for
random access. See examples/zran.c .

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There
were working ports of zlib 1.1.4 to MVS, but those links no longer work.
If you know of recent, successful applications of zlib on these operating
systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to
understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's
contrib/puff directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind
zlib. Look here for some more information:

http://www.gzip.org/#faq11

32. Can zlib work
with greater than 4 GB of data?

Yes. inflate() and deflate() will process any amount of data correctly.
Each call of inflate() or deflate() is limited to input and output chunks
of the maximum value that can be stored in the compiler's "unsigned int"
type, but there is no limit to the number of chunks. Note however that the
strm.total_in and strm_total_out counters may be limited to 4 GB. These
counters are provided as a convenience and are not used internally by
inflate() or deflate(). The application can easily set up its own counters
updated after each call of inflate() or deflate() to count beyond 4 GB.
compress() and uncompress() may be limited to 4 GB, since they operate in a
single call. gzseek() and gztell() may be limited to 4 GB depending on how
zlib is compiled. See the zlibCompileFlags() function in zlib.h.

The word "may" appears several times above since there is a 4 GB limit only
if the compiler's "long" type is
32 bits. If the compiler's "long" type is
64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in gzprintf(). If zlib is
compiled to use sprintf() or vsprintf(), then there is no protection
against a buffer overflow of an 8K string space (or other value as set by
gzbuffer()), other than the caller of gzprintf() assuring that the output
will not exceed 8K. On the other hand, if zlib is compiled to use
snprintf() or vsnprintf(), which should normally be the case, then there is
no vulnerability. The ./configure script will display warnings if an
insecure variation of sprintf() will be used by gzprintf(). Also the
zlibCompileFlags() function will return information on what variant of
sprintf() is used by gzprintf().

If you don't have snprintf() or vsnprintf() and would like one, you can
find a portable implementation here:

http://www.ijs.si/software/snprintf/

Note that you should be using the most recent version of zlib. Versions
1.1.3 and before were subject to a double-free vulnerability, and versions
1.2.1 and 1.2.2 were subject to an access exception when decompressing
invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included as part of the Java SDK in the java.util.zip package. If you really want a version of zlib written in the Java language, look on the zlib home page for links: http://zlib.net/ .

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always
works.

36. Valgrind (or some similar memory access checker) says that deflate is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses malloc() by default for allocations, whereas earlier versions used calloc(), which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the comp.compression FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption,
use GnuPG, http://www.gnupg.org/ , which already includes zlib compression. For PKZIP compatible "encryption", look at http://www.info-zip.org/

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate

specification in RFC 1951, most notably Microsoft. So even though the "deflate" transfer encoding using the zlib format would be the more efficient approach (and in fact exactly what the zlib format was designed for), using the "gzip" transfer encoding is probably more reliable due to an
unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General Public License.
Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ

1.325 distro 1.8.0

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1.326 selinux 1.11.0

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Files: s2/cmd/internal/filepathx/*

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1.332 hibernate 5.4.20.Final

1.332.1 Available under license :

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```
header {
/*
* Hibernate, Relational Persistence for Idiomatic Java
*
* License: GNU Lesser General Public License (LGPL), version 2.1 or later.
* See the lgpl.txt file in the root directory or <http://www.gnu.org/licenses/lgpl-2.1.html>.
*/
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'
  ;
```

Found in path(s):
* /hibernate-core-5-4-20-final-sources-jar/graph.g
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```
<!--
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 -->
```

Found in path(s):
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/jpa/orm_2_2.xsd
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/jpa/persistence_2_2.xsd
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Found in path(s):
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/hibernate-configuration-3.0.dtd
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/hibernate-mapping-3.0.dtd
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/*
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*/
/*
* 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
*
* 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 <em>not</em> entail locking,
* and there is <em>not</em> 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-5-4-20-final-sources-jar/org/hibernate/internal/util/collections/BoundedConcurrentHashMap.java
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```
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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}).
  */
```

Found in path(s):
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cfg/AvailableSettings.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-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/internal/SingularAttributeImpl.java
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```
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*/
//  "proprietary" methods is better (this class is "proprietary" too).
```

Found in path(s):
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/EntityGraphs.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-5-4-20-final-sources-
jar/org/hibernate/engine/transaction/jta/platform/internal/WebSphereExtendedJtaPlatform.java
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```
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*/
```

Found in path(s):
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/spi/GraphImplementor.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/resource/beans/spi/ManagedBeanRegistry.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/QueryResultsCache.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/stat/NaturalIdCacheStatistics.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/hql/internal/ast/tree/CollectionPathNode.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/type/internal/TypeConfigurationRegistry.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/IdentifiableDomainType.java
*
 /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/metamodel/model/domain/internal/EmbeddableTypeImpl.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/cfg/internal/AbstractDomainDataCachingConfig.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/CollectionTransactionAccess.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/NaturalIdTransactionalAccess.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/metamodel/model/convert/internal/JpaAttributeConverterImpl.java

* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/stat/internal/DeprecatedNaturalIdCacheStatisticsImpl.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/boot/model/convert/internal/AbstractConverterDescriptor.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/spi/GraphHelper.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/DomainDataRegionImpl.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/boot/xsd/MappingXsdSupport.java
*
/hibernate-core-5-4-20-final-sources-jar/org/hibernate/boot/xsd/XsdDescriptor.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/RegionFactoryTemplate.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/TimestampsRegionTemplate.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/access/CachedDomainDataAccess.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/cfg/spi/NaturalIdDataCachingConfig.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/jpa/event/spi/CallbackBuilder.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/metamodel/model/convert/internal/OrdinalEnumValueConverter.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/metamodel/model/domain/internal/AbstractPluralAttribute.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/QueryResultsRegionTemplate.java
*
/hibernate-core-5-4-20-final-sources-jar/org/hibernate/internal/build/AllowSysOut.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/resource/beans/container/internal/CdiBeanContainerExtendedAccessImpl.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/resource/beans/container/internal/JpaCompliantLifecycleStrategy.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/stat/SecondLevelCacheStatistics.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/resource/beans/container/internal/NoSuchBeanException.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/AttributeNode.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/CacheImplementor.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/CollectionDomainType.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/NaturalIdReadOnlyAccess.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/internal/parse/GraphParser.java
*
/hibernate-core-5-4-20-final-sources-
jar/org/hibernate/boot/model/convert/spi/JpaAttributeConverterCreationContext.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/AbstractReadWriteAccess.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/internal/RootGraphImpl.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/jpa/event/internal/EntityCallback.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/DirectAccessRegion.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/stat/CacheableDataStatistics.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/ManagedDomainType.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/spi/MapPersistentAttribute.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/boot/registry/classloading/internal/AggregatedServiceLoader.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/metamodel/model/domain/MappedSuperclassDomainType.java
*

/hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/QuerySpacesHelper.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/jpa/event/spi/Callback.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/type/StandardBasicTypeTemplate.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/SecondLevelCacheLogger.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/jpa/event/internal/EmptyCallbackBuilder.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/boot/AttributeConverterInfo.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/spi/AppliedGraph.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/convert/package-info.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/EntityNonStrictReadWriteAccess.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/resource/beans/container/internal/NotYetReadyException.java
*
/hibernate-core-5-4-20-final-sources-jar/org/hibernate/resource/beans/spi/ProvidedInstanceManagedBeanImpl.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/TimestampsCache.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/internal/TimestampsCacheEnabledImpl.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/cfg/package-info.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/AbstractCacheTransactionSynchronization.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/EmbeddedDomainType.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/cfg/spi/DomainDataRegionConfig.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/DomainDataRegionTemplate.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/bytecode/enhance/spi/interceptor/EnhancementAsProxyLazinessInterceptor.java
*
/hibernate-core-5-4-20-final-sources-jar/org/hibernate/internal/util/collections/Stack.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/resource/beans/container/internal/ContainerManagedLifecycleStrategy.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/resource/beans/container/internal/NamedBeanQualifier.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/internal/AttributeNodeImpl.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/internal/DisabledCaching.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/id/uuid/LocalObjectUuidHelper.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/resource/beans/container/spi/AbstractCdiBeanContainer.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/convert/spi/BasicValueConverter.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/jpa/event/internal/CallbacksFactory.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/jpa/event/spi/CallbackType.java
*
/hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/spi/EntityTypeDescriptor.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/metamodel/model/domain/spi/SingularPersistentAttribute.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/package-info.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/graph/RootGraph.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/boot/model/convert/spi/ConverterAutoApplyHandler.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/cfg/spi/DomainDataRegionBuildingContext.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/support/CollectionReadWriteAccess.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/engine/spi/EffectiveEntityGraph.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/CacheTransactionSynchronization.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/DomainType.java
*

/hibernate-core-5-4-20-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/AbstractInterceptor.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/spi/ManagedTypeDescriptor.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/spi/PluralPersistentAttribute.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/access/NaturalIdDataAccess.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/RegionFactory.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/spi/ExtendedStatisticsSupport.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cache/internal/StandardTimestampsCacheFactory.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/metamodel/model/domain/internal/AbstractType.java
* /hibernate-core-5-4-20-final-sources-
jar/org/hibernate/boot/model/convert/internal/AutoApplicableConverterDescriptorBypassedImpl.java
*
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* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/internal/util/collections/ConcurrentReferenceHashMap.java
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/*
* Hibernate, Relational Persistence for Idiomatic Java
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Found in path(s):
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/sql/ForUpdateFragment.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/loader/plan/build/spi/ExpandingQuerySpace.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptTargetOutputToWriter.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/ejb/HibernateEntityManager.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/hql/spi/id/cte/CteValuesListBuilder.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/query/criteria/internal/expression/ListIndexExpression.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/cfg/PropertyInferredData.java
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* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/boot/package-info.java
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* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/engine/transaction/spi/IsolationDelegate.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/param/ExplicitParameterSpecification.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/stat/internal/StatsNamedContainer.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/hql/spi/id/global/IdTableInfoImpl.java
* /hibernate-core-5-4-20-final-sources-
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* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/engine/jdbc/internal/package-info.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/mapping/PrimitiveArray.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/engine/jdbc/env/spi/LobCreatorBuilder.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/loader/plan/spi/CompositeQuerySpace.java

* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/hql/internal/classic/QueryTranslatorImpl.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/tuple/IdentifierProperty.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/dialect/Oracle12cDialect.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/type/descriptor/java/BooleanTypeDescriptor.java
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 /hibernate-core-5-4-20-final-sources-jar/org/hibernate/annotations/Target.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/annotations/OptimisticLocking.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/tool/hbm2ddl/ConnectionHelper.java
* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/action/internal/EntityActionVetoException.java
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* /hibernate-core-5-4-20-final-sources-jar/org/hibernate/engine/spi/Managed.java
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1.335 python-pip 23.0.1

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt
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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==========

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

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

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

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

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

Footnotes:

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

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

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

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1.338 spring-test 5.2.24.RELEASE

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1.347 jansi-native 1.8

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1.348 msgp 1.1.8

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1.349 go-jose 3.0.3

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1.352 typing-extensions 4.15.0

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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 https://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 https://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 https://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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1.355 sys-mountinfo 0.7.1

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1.356 aws-sdk-go-v2 1.24.1

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name: License Scan

```
on: [pull_request]

jobs:
 licensescan:
   name: License Scan
   runs-on: ubuntu-latest
   strategy:
     matrix:
       python-version: [3.9]

   steps:
     - name: Checkout target
       uses: actions/checkout@v2
       with:
```

```
        path: sdkbase
        ref: ${{ github.base_ref }}
    - name: Checkout this ref
      uses: actions/checkout@v2
      with:
        path: new-ref
        fetch-depth: 0
    - name: Get Diff
      run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
    - name: Get Target Files
      run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
    - name: Checkout scancode
      uses: actions/checkout@v2
      with:
        repository: nexB/scancode-toolkit
        path: scancode-toolkit
        fetch-depth: 1
    - name: Set up Python ${{ matrix.python-version }}
       uses: actions/setup-python@v2
      with:
        python-version: ${{ matrix.python-version }}
    # ScanCode
    - name: Self-configure scancode
      working-directory: ./scancode-toolkit
      run: ./scancode --help
    - name: Run Scan code on target
      run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
    - name: Run Scan code on pr ref
      run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
    # compare
    - name: License test
      run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
```

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1.359 pcre 8.39-12ubuntu0.1

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1.360 dario.cat-mergo 1.0.1

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1.361 six 1.17.0

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1.363 brotli 1.0.9-2+b2

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1.367 micrometer-core 1.5.4

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* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/logging/LoggingRegistryConfig.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/ipc/http/ReactorNettySender.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/logging/LoggingMeterRegistry.java
*
/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/push/PushRegistryConfig.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/StrongReferenceGaugeFunction.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/ipc/http/HttpSender.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/kafka/KafkaConsumerMetrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/ipc/http/HttpStatusClass.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/util/NamedThreadFactory.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/util/JsonUtils.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/push/PushMeterRegistry.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/MultiGauge.java
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* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/util/internal/logging/InternalLogLevel.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/util/internal/logging/Slf4JLogger.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/util/internal/logging/AbstractInternalLogger.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/util/internal/logging/InternalLoggerFactory.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/util/internal/logging/JdkLoggerFactory.java
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* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientTags.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/validate/Validated.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/http/package-info.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/HttpContextUtils.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/MicrometerHttpClientInterceptor.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/validate/InvalidReason.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/validate/DurationValidator.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/http/HttpServletRequestTagsProvider.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/validate/PropertyValidator.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/step/StepTuple2.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/db/JooqExecuteListener.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/distribution/FixedBoundaryVictoriaMetricsHistogram.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientTagsProvider.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmHeapPressureMetrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/validate/ValidationException.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/db/MetricsDSLContext.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/step/StepValue.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/http/DefaultHttpServletRequestTagsProvider.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/distribution/TimeWindowSum.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/kafka/KafkaMetrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/http/HttpRequestTags.java

/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/cache/HazelcastIMapAdapter.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jetty/JettySslHandshakeMetrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/DefaultUriMapper.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/http/Outcome.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jpa/HibernateQueryMetrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/MeterRegistryConfigValidator.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientMetrics.java
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* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/internal/TimedScheduledExecutorService.java
* /micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/jetty/InstrumentedQueuedThreadPool.java
*
/micrometer-core-1-5-4-sources-jar/io/micrometer/core/util/internal/logging/WarnThenDebugLogger.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jetty/TimedHandler.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/internal/TimedCallable.java
* /micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsCommandListener.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmMemory.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/internal/TimedRunnable.java
* /micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsConnectionPoolListener.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyServerThreadPoolMetrics.java
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* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/cache/CacheMeterBinder.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/hystrix/HystrixMetricsBinder.java
*
/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/step/StepMeterRegistry.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/lang/NonNullApi.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/distribution/TimeWindowMax.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/cache/CaffeineCacheMetrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/cache/package-info.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/simple/SimpleMeterRegistry.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/TimeGauge.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/util/MeterEquivalence.java
* /micrometer-core-1-5-4-sources-

jar/io/micrometer/core/instrument/config/MissingRequiredConfigurationException.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/annotation/Timed.java
*
/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/Measurement.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/distribution/pause/NoPauseDetector.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/db/DatabaseTableMetrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/logging/Log4j2Metrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/aop/CountedAspect.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/util/StringEscapeUtils.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/search/RequiredSearch.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/dropwizard/package-info.java
* /micrometer-core-1-5-4-sources-
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* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/annotation/TimedSet.java
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* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/LongTaskTimer.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/noop/NoopCounter.java
* /micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/dropwizard/DropwizardDistributionSummary.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardFunctionCounter.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/BaseUnits.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/util/MeterPartition.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/step/StepFunctionCounter.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/noop/NoopLongTaskTimer.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/composite/CompositeLongTaskTimer.java
*
/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/hystrix/MicrometerMetricsPublisherCommand.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/DistributionSummary.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/aop/TimedAspect.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/distribution/pause/PauseDetector.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/cache/EhCache2Metrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/step/package-info.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/internal/Mergeable.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/system/FileDescriptorMetrics.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/package-info.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/Tags.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/Statistic.java
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/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardMeterRegistry.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/MeterRegistry.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/Metrics.java
* /micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/composite/CompositeDistributionSummary.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/lang/Nullable.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jvm/DiskSpaceMetrics.java

* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/composite/CompositeGauge.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/push/package-info.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/step/StepTimer.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/logging/package-info.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardFunctionTimer.java
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 /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/util/TimeUtils.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/noop/NoopTimeGauge.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/simple/CountingMode.java
* /micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/composite/CompositeMeterRegistry.java
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procfs provides functions to retrieve system, kernel and process
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Protocol Buffers for Go with Gadgets

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1.369 springdoc-openapi-ui 1.5.9

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1.370 netns 0.0.4

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1.375 sniffio 1.3.1

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1.376 hostname 3.23

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  * HPUX support.
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   * Detect whether zlib is new enough in configure script.
  * Fixes for Solaris 10 32/64-bit confusion.

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  * Optimize Java serialization code when writing a small message to a stream.
  * Optimize Java serialization of strings so that UTF-8 encoding happens only
    once per string per serialization call.
  * Clean up some Java warnings.
  * Fix bug with permanent callbacks that delete themselves when run.
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William Orr <will@worrbase.com>
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  * Added atomicops for Solaris
Andrew Paprocki <andrew@ishiboo.com>
  * Fixed minor IBM xlC compiler build issues
  * Added atomicops for AIX (POWER)

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1.378 sequence-generator 5.7.3

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Found in path(s):
* /sequence-generator-5-7-3-jar/META-INF/maven/org.terracotta.management/sequence-generator/pom.xml
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Manifest-Version: 1.0
Bnd-LastModified: 1563545580901
Build-Jdk: 1.8.0_202
Built-By: jenkins-slave
Bundle-Description: A set of Java modules for management and monitoring,
common to several Terracotta products
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Terracotta Management :: Sequence Generator
Bundle-SymbolicName: org.terracotta.management.sequence-generator
Bundle-Version: 5.7.3
Created-By: Apache Maven Bundle Plugin
Export-Package: org.terracotta.management.sequence;version="5.7.3",org.t
erracotta.management.sequence.perf;version="5.7.3"
Main-Class: org.terracotta.management.sequence.perf.PerfTest
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-2.4.1.201501161923

Found in path(s):
* /sequence-generator-5-7-3-jar/META-INF/MANIFEST.MF

1.379 swagger-ui 3.49.0

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1.380 libgpg-error 1.37-1

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1.381 activation-api 1.2.2

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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/package-info.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/package-info.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
*
 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/stream/ChunkedInput.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
*
 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/stream/package-info.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/logging/package-info.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
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 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/flow/package-info.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
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 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
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 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SniHandler.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ipfilter/package-info.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
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 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
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 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java

* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
*
 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslUtils.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
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 /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
*
/netty-handler-4-1-51-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/KeyManagerFactoryWrapper.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/address/package-info.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/PseudoRandomFunction.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
*
/netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java
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* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
*
/netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
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jar/org/springframework/transaction/support/ResourceTransactionDefinition.java
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* /spring-tx-5-2-24-release-sources-jar/org/springframework/dao/NonTransientDataAccessResourceException.java
*
/spring-tx-5-2-24-release-sources-jar/org/springframework/jca/support/SimpleBootstrapContext.java
* /spring-tx-5-2-24-release-sources-jar/org/springframework/dao/DataAccessException.java
* /spring-tx-5-2-24-release-sources-jar/org/springframework/jca/support/ResourceAdapterFactoryBean.java
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jar/org/springframework/transaction/interceptor/BeanFactoryTransactionAttributeSourceAdvisor.java

* /spring-tx-5-2-24-release-sources-jar/org/springframework/jca/cci/connection/ConnectionSpecConnectionFactoryAdapter.java
* /spring-tx-5-2-24-release-sources-jar/org/springframework/jca/cci/object/EisOperation.java
* /spring-tx-5-2-24-release-sources-jar/org/springframework/dao/TransientDataAccessException.java
*
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jar/org/springframework/transaction/support/TransactionSynchronizationManager.java
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* /spring-tx-5-2-24-release-sources-jar/org/springframework/dao/DuplicateKeyException.java
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jar/org/springframework/transaction/interceptor/TransactionAttributeSourceEditor.java
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jar/org/springframework/transaction/TransactionSuspensionNotSupportedException.java
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jar/org/springframework/transaction/support/TransactionSynchronizationAdapter.java
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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

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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.

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

a) Accompany

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

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

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

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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.

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

  <script src="templates/header.js" type="text/javascript"></script>

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1.396 commons-pool 1.6

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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxCreate.java
*
 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxBufferTimeout.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/scheduler/BoundedElasticScheduler.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/util/context/Context5.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxIndexFuseable.java
*
 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/BlockingOptionalMonoSubscriber.java
* /reactor-core-3-3-9-release-sources-jar/reactor/util/context/Context4.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/OnNextFailureStrategy.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxIndex.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoSingleMono.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoExpand.java
* /reactor-core-3-3-9-release-sources-jar/reactor/util/context/Context3.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxDelaySequence.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxLiftFuseable.java
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/**
  * Repeatedly subscribe to this {@link Flux} when a companion sequence emits elements in
  * response to the flux completion signal. Any terminal signal from the companion
  * sequence will terminate the resulting {@link Flux} with the same signal immediately.
  * <p>If the companion
 sequence signals when this {@link Flux} is active, the repeat
  * attempt is suppressed.
  * <p>
  * <img class="marble" src="doc-files/marbles/repeatWhenForFlux.svg" alt="">
  * <p>
  * Note that if the companion {@link Publisher} created by the {@code repeatFactory}
  * emits {@link Context} as trigger objects, these {@link Context} will be merged with
  * the previous Context:
  * <pre><code>
  * .repeatWhen(emittedEachAttempt -> emittedEachAttempt.handle((lastEmitted, sink) -> {
  *   Context ctx = sink.currentContext();
  *   int rl = ctx.getOrDefault("repeatsLeft", 0);
  *   if (rl > 0) {

```
 *      sink.next(Context.of(
 *          "repeatsLeft", rl - 1,
 *          "emitted", lastEmitted
 *      ));
 *      } else {
 *          sink.error(new IllegalStateException("repeats exhausted"));
 *      }
 * }))
 * </code></pre>
 *
 * @param repeatFactory the {@link Function} that returns the associated {@link Publisher}
 * companion, given a {@link Flux} that signals
each onComplete as a {@link Long}
 * representing the number of source elements emitted in the latest attempt.
 *
 * @return a {@link Flux} that repeats on onComplete when the companion {@link Publisher} produces an
 * onNext signal
 */
```

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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxMap.java
*
 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxDelaySubscription.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/DrainUtils.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/Signal.java

* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoFromPublisher.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxOnBackpressureBuffer.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxArray.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/scheduler/ParallelScheduler.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoFilterWhen.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxRepeat.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoCollectList.java
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 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxSkipLast.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoDefer.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ParallelRunOn.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ParallelMap.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxZipIterable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxConcatIterable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxPublishOn.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxWindowWhen.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ConnectableFluxOnAssembly.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoCallableOnAssembly.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/SignalLogger.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoCancelOn.java
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 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoRunnable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxTakeUntilOther.java
* /reactor-core-3-3-9-release-sources-jar/reactor/util/function/Tuple3.java
* /reactor-core-3-3-9-release-sources-jar/reactor/util/context/package-info.java
* /reactor-core-3-3-9-release-sources-jar/reactor/util/context/Context0.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoLog.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxDematerialize.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxIterable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoTakeUntilOther.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxMergeSequential.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/BufferOverflowStrategy.java
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 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/SerializedSubscriber.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxLogFuseable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxTimeout.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/scheduler/Scheduler.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoFromFluxOperator.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoFlatMap.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoCurrentContext.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/scheduler/Schedulers.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoDelay.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoHandle.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/BlockingFirstSubscriber.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoOperator.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxWindowTimeout.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ParallelMergeSequential.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxDoOnEach.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoHasElement.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ParallelLog.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxRepeatWhen.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxStream.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoPublishMulticast.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ParallelFilter.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxSkip.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoOnAssembly.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ConnectableFlux.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxRange.java

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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoPublishOn.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxExpand.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoUsing.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ParallelFluxOnAssembly.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoSourceFluxFuseable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/SignalPeek.java
* /reactor-core-3-3-9-release-sources-jar/reactor/util/Logger.java
* /reactor-core-3-3-9-release-sources-jar/reactor/util/context/ContextN.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxFilterWhen.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxLog.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/package-info.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxCancelOn.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoFirst.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoSource.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ParallelArraySource.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoIgnorePublisher.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxRetry.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxScan.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoOnErrorResume.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxSwitchMap.java
* /reactor-core-3-3-9-release-sources-jar/reactor/util/context/Context.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxDoFinallyFuseable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoHandleFuseable.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoFlattenIterable.java

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* /reactor-core-3-3-9-release-sources-jar/reactor/core/scheduler/ExecutorScheduler.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoReduceSeed.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxScanSeed.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoIgnoreElement.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxNameFuseable.java

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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxProcessor.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoElapsed.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoDelayElement.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoFilter.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoJust.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/LambdaMonoSubscriber.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxRetryPredicate.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoPeek.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoRepeatPredicate.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoTakeLastOne.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/Disposable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/InnerProducer.java
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 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxDistinctUntilChanged.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/LambdaSubscriber.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxElapsed.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxDistinctFuseable.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoIgnoreElements.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoAll.java

* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxJust.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxSkipUntil.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxSourceMonoFuseable.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxExtensions.kt
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 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxBufferWhen.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoBridges.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxBufferBoundary.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxCombineLatest.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/scheduler/SchedulerMetricDecorator.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoZip.java
* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/FluxReplay.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/MonoExtensions.kt
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 /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/ParallelDoOnEach.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/core/publisher/InternalFluxOperator.java
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* /reactor-core-3-3-9-release-sources-jar/reactor/util/retry/Retry.java
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1.403 tzlocal 5.3.1

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1.405 more-itertools 8.8.0

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1.406 e2fsprogs 1.46.2-2+deb11u1

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Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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1.410 spring-data-commons 2.3.3.RELEASE

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1.412 lombok 1.18.12

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1.414 libxcrypt 4.4.10-10ubuntu4

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1.415 debian-archive-keyring 2021.1.1+deb11u1

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1.416 google-uuid 1.6.0

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1.418 glibc 2.31-0ubuntu9.17

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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
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The original XML 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
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may be obtained from:
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org.apache.tomcat.util.json.JSONParser.jj is
 a public domain javacc grammar
for JSON written by Robert Fischer.
https://github.com/RobertFischer/json-parser

For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE integration
The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages
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The original XML Schemas for Java EE Deployment Descriptors:
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- 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
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- web-app_4_0.xsd
- web-common_4_0.xsd
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may be obtained from:
http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html

1.422 libidn 2.2.0-2

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* 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.
*/

1.428 contrib-instrumentation-net-http-otelhttp 0.56.0

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@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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@heading Richard Outerbridge

DES core in libhcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.
Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis
Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau,
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Windows support

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lib/hcrypto/test_dh.c

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-- Tom St Denis

1.431 flyway-test 6.4.0

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*/

Found in path(s):
* /flyway-test-6-4-0-sources-jar/org/flywaydb/test/annotation/package-info.java
* /flyway-test-6-4-0-sources-jar/org/flywaydb/test/annotation/FlywayTest.java
* /flyway-test-6-4-0-sources-jar/org/flywaydb/test/annotation/FlywayTests.java

1.432 storage 1.5.0

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1.433 sensible-utils 0.0.14

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Upstream-Name: sensible-utils
Source: https://salsa.debian.org/debian/sensible-utils

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1.434 aws-sdk-go-v2-service-ssooidc 1.21.7

1.434.1 Available under license :

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-
Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
  params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
  return nil,
 err
 }

 out := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
```

```
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{}, middleware.After)
 if err !=
 nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "AssociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }
```

```
 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
```

```
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack,
 options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "AssociateLicense",
 }
}
```

AWS SDK for Go

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```
name: License Scan

on: [pull_request]

jobs:
 licensescan:
   name: License Scan
   runs-on: ubuntu-latest
   strategy:
     matrix:
       python-version: [3.9]

   steps:
     - name: Checkout target
       uses: actions/checkout@v2
       with:
         path: sdkbase
         ref: ${{ github.base_ref }}
     - name: Checkout this ref
```

```
      uses: actions/checkout@v2
      with:
        path: new-ref
        fetch-depth: 0
    - name: Get Diff
      run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
    - name: Get Target Files
      run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
    - name: Checkout scancode
      uses: actions/checkout@v2
      with:
        repository: nexB/scancode-toolkit
        path: scancode-toolkit
        fetch-depth: 1
    - name: Set up Python ${{ matrix.python-version }}
       uses: actions/setup-python@v2
      with:
        python-version: ${{ matrix.python-version }}
    # ScanCode
    - name: Self-configure scancode
      working-directory: ./scancode-toolkit
      run: ./scancode --help
    - name: Run Scan code on target
      run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
    - name: Run Scan code on pr ref
      run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
    # compare
    - name: License test
      run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
```

```
(*CheckInLicenseOutput, error) {
 if params == nil {
  params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
```

```
}
if err := addProtocolFinalizerMiddlewares(stack, options, "CheckInLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return
```

```
 err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckInLicense",
 }
}
{
   "smithy": "2.0",
   "shapes": {
      "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger": {
         "type": "integer"
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong": {
         "type": "long"
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Filter": {
         "type": "structure",
         "members": {
            "Name": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The type of name to filter by.</p>"
```

```
            }
          },
          "Values": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
            "traits": {
              "smithy.api#documentation": "<p>One or more values for the name to filter by.</p>"
            }
          },
          "Operator": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Operator",
             "traits": {
              "smithy.api#documentation": "<p>An operator for filtering results.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>A filter object that is used to return more specific results from a describe operation.\n      Filters can be used to match a set of resources by specific criteria.</p>"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Filter"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest"
        },
        "output": {

          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the Linux subscriptions service settings.</p>",
```

```
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/GetServiceSettings"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest":
{
        "type": "structure",
        "members": {}
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse": {
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },
            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>Lists the settings defined for Linux subscriptions discovery. The
settings include if\n      Organizations integration has been enabled, and
 which Regions data will be aggregated from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
                    "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation": "<p>A message which details the Linux subscriptions service settings
current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays
```

```
the aggregated data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Instance": {
        "type": "structure",
        "members": {
            "AmiId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The AMI ID used to launch the instance.</p>"
                }
            },
            "InstanceID": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The instance ID of the resource.</p>"
                }
            },
            "InstanceType": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The instance type of the resource.</p>"
                }

        },
            "AccountID": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The account ID which owns the instance.</p>"
                }
            },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of the instance.</p>"
                }
            },
            "Region": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The Region the instance is running in.</p>"
                }
            },
            "UsageOperation": {
                "target": "smithy.api#String",
                "traits": {
```

```
                "smithy.api#documentation": "<p>The usage operation of the instance. For more information, see For more information, see\n        <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i>.</p>"
              }
            },
            "ProductCode": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList",
              "traits": {
                "smithy.api#documentation": "<p>The product code for the instance. For more information, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i> .</p>"
              }
            },
            "LastUpdatedTime": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The time in which the last discovery updated the instance details.</p>"
              }
            },
            "SubscriptionName": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the subscription being used by the instance.</p>"
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>Details discovered information about a running instance using Linux subscriptions.</p>"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList": {
          "type": "list",
          "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Instance"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException": {
          "type": "structure",
          "members": {
            "message": {
              "target": "smithy.api#String"
             }
          },
          "traits": {
            "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
```

```
            "smithy.api#error": "server"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#LicenseManagerLinuxSubscriptions": {
        "type": "service",
        "version": "2018-05-10",
        "operations": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings"
            }
        ],

    "traits": {
            "aws.api#service": {
                "sdkId": "License Manager Linux Subscriptions",
                "arnNamespace": "license-manager-linux-subscriptions",
                "cloudTrailEventSource": "license-manager-linux-subscriptions.amazonaws.com"
            },
            "aws.auth#sigv4": {
                "name": "license-manager-linux-subscriptions"
            },
            "aws.protocols#restJson1": {},
            "smithy.api#cors": {
                "additionalAllowedHeaders": [
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                    "content-type",
                    "x-amz-content-sha256",
                    "x-amz-user-agent",
                    "x-amzn-platform-id",
                    "x-amzn-trace-id",
                    "content-length",
                    "x-api-key",
                    "authorization",
                    "x-amz-date",

"x-amz-security-token",
                    "Access-Control-Allow-Headers",
                    "Access-Control-Allow-Methods",
                    "Access-Control-Allow-Origin"
```

```
            ],
            "additionalExposedHeaders": [
               "x-amzn-errortype",
               "x-amzn-requestid",
               "x-amzn-trace-id"
            ]
         },
         "smithy.api#documentation": "<p>With License Manager, you can discover and track your commercial Linux subscriptions on running\n      Amazon EC2 instances.</p>",
         "smithy.api#title": "AWS License Manager Linux Subscriptions",
         "smithy.rules#endpointRuleSet": {
            "version": "1.0",
            "parameters": {
               "Region": {
                  "builtIn": "AWS::Region",
                  "required": false,
                  "documentation": "The
 AWS region used to dispatch the request.",
                  "type": "String"
               },
               "UseDualStack": {
                  "builtIn": "AWS::UseDualStack",
                  "required": true,
                  "default": false,
                  "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
                  "type": "Boolean"
               },
               "UseFIPS": {
                  "builtIn": "AWS::UseFIPS",
                  "required": true,
                  "default": false,
                  "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",

                "type": "Boolean"
               },
               "Endpoint": {
                  "builtIn": "SDK::Endpoint",
                  "required": false,
                  "documentation": "Override the endpoint used to send this request",
                  "type": "String"
               }
            },
            "rules": [
               {
                  "conditions": [
                     {
```

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        "fn": "isSet",
        "argv": [
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            "ref": "Endpoint"
          }
        ]
      }
    ],
    "type": "tree",
    "rules": [
      {

      "conditions": [
            {
              "fn": "booleanEquals",
              "argv": [
                {
                  "ref": "UseFIPS"
                },
                true
              ]
            }
          ],
          "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
          "type": "error"
      },
      {
          "conditions": [],
          "type": "tree",
          "rules": [
            {

          "conditions": [
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                      "fn": "booleanEquals",
                      "argv": [
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                          "ref": "UseDualStack"
                        },
                        true
                      ]
                    }
                  ],
                  "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                  "type": "error"
            },
            {
              "conditions": [],
```

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                        "ref": "Endpoint"
                    },
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    }
  ]
},
{
  "conditions": [],
  "type": "tree",
  "rules": [
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      "conditions": [
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    "argv": [
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              "ref": "Region"
            }
          ]
        }
      ],
      "type": "tree",
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          "conditions": [
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              "argv": [
                {
                  "ref": "Region"
                }
              ],

"assign": "PartitionResult"
            }
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          "type": "tree",
          "rules": [
            {
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                        "argv": [
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                                "ref": "UseFIPS"
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                            true
                        ]
                    },

            {
                        "fn": "booleanEquals",
                        "argv": [
                            {
                                "ref": "UseDualStack"
                            },
                            true
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
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                        "conditions": [
                            {

                       "fn": "booleanEquals",
                            "argv": [
                                true,
                                {
                                    "fn": "getAttr",
                                    "argv": [
                                        {
                                            "ref": "PartitionResult"
                                        },
                                        "supportsFIPS"
                                    ]

}
                            ]
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                        {
                            "fn": "booleanEquals",
                            "argv": [
                                true,
                                {
                                    "fn": "getAttr",
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```
                                    "argv": [
                                        {
                                            "ref": "PartitionResult"
                                        },

                                    "supportsDualStack"
                                        ]
                                    }
                                ]
                            }
                        ],
                        "type": "tree",
                        "rules": [
                            {
                                "conditions": [],
                                "type": "tree",
                                "rules": [
                                    {

                        "conditions": [],
                                        "endpoint": {
                                            "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                            "properties": {},
                                            "headers": {}
                                        },
                                        "type": "endpoint"
                                    }
                                ]
                            }
                        ]

                },
                    {
                        "conditions": [],
                        "error": "FIPS and DualStack are enabled, but this partition does not support
one or both",
                        "type": "error"
                    }
                ]
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            {
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            {
```

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                "rules": [
                    {
                        "conditions": [
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                                "fn": "booleanEquals",
                                "argv": [
                                    true,

{
                                        "fn": "getAttr",
                                        "argv": [
                                            {
                                                "ref": "PartitionResult"
                                            },
                                            "supportsFIPS"
                                        ]
                                    }
                                ]
                            }
                        ],
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                    "rules": [
                            {
                                "conditions": [],
                                "type": "tree",
                                "rules": [
                                    {
                                        "conditions": [],
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fips.{Region}.{PartitionResult#dnsSuffix}",
                                            "properties": {},
                                            "headers": {}

                                        },
                                        "type": "endpoint"
                                    }
                                ]
                            }
                        ]
```

```
                },
                {
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                    "error": "FIPS is enabled but this partition does not support FIPS",
                    "type": "error"
                }
            ]

},
            {
            "conditions": [
                {
                    "fn": "booleanEquals",
                    "argv": [
                        {
                            "ref": "UseDualStack"
                        },
                        true
                    ]
                }
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            "rules": [
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                            "argv": [
                                true,
                                {
                                    "fn": "getAttr",
                                    "argv": [
                                        {
                                            "ref": "PartitionResult"
                                        },
                                        "supportsDualStack"
                                    ]
                                }
                            ]
                        }
                    ],
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                    "rules": [
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                            "conditions": [],
                            "type": "tree",
                            "rules": [
```

```
                                        {
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subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                                "properties": {},
                                                "headers": {}
                                            },
                                            "type": "endpoint"
                                        }
                                    ]
                                }
                            ]
                        },

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                                    "conditions": [],
                                    "error": "DualStack is enabled but this partition does not support DualStack",
                                    "type": "error"
                                }
                            ]
                        },
                        {
                            "conditions": [],
                            "type": "tree",
                            "rules": [
                                {
                                    "conditions": [],
                                    "endpoint": {
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"https://license-manager-linux-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                                        "properties": {},
                                        "headers": {}
                                    },
                                    "type": "endpoint"
                                }
                            ]
                        }
                    ]
                }
            ]
        },
        {
            "conditions": [],
            "error": "Invalid Configuration: Missing Region",
            "type": "error"
        }
```

```
            ]
          }
        ]
      },
      "smithy.rules#endpointTests": {
        "testCases": [
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            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
            "expect": {

"endpoint": {
                "url": "https://license-manager-linux-subscriptions-fips.us-east-1.amazonaws.com"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions.us-east-1.api.aws"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": false,
               "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
```

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    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.us-east-1.amazonaws.com"
      }
    },
    "params": {
      "Region": "us-east-1",
      "UseFIPS": false,
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "endpoint": {

    "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
       "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
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      "UseFIPS": false,
```

```
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint":
{
              "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
             "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
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              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.amazonaws.com"
            }
          },
          "params": {
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            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint":
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{
                    "url": "https://license-manager-linux-subscriptions.us-gov-east-1.api.aws"
                }
            },
            "params": {
                "Region": "us-gov-east-1",
                "UseFIPS": false,
                "UseDualStack": true
            }
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        {
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            "expect": {
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                    "url": "https://license-manager-linux-subscriptions.us-gov-east-1.amazonaws.com"
                }
            },
            "params": {
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                "UseFIPS": false,
                 "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
            },
            "params": {
                "Region": "us-iso-east-1",
                "UseFIPS": true,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
                 }
            },
            "params": {
                "Region": "us-iso-east-1",
                "UseFIPS": true,
                "UseDualStack": false
            }
        },
        {
```

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      "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "error": "DualStack is enabled but this partition does not support DualStack"
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {

"documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.us-iso-east-1.c2s.ic.gov"
        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
      },
      "params": {

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        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
        }
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
```

```
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS disabled
and DualStack enabled",
          "expect": {
            "error": "DualStack is enabled but this partition does not support DualStack"
          },
          "params": {
            "Region": "us-isob-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions.us-isob-east-1.sc2s.sgov.gov"
            }
          },
          "params": {
            "Region": "us-isob-east-1",

      "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
          "expect": {
            "endpoint": {
              "url": "https://example.com"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "For custom endpoint with region not set and fips disabled and dualstack
disabled",

        "expect": {
            "endpoint": {
              "url": "https://example.com"
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```
                }
            },
            "params": {
                "UseFIPS": false,
                "UseDualStack": false,
                "Endpoint": "https://example.com"
            }
        },
        {
            "documentation": "For custom endpoint with fips enabled and dualstack disabled",
            "expect": {
                "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": false,

    "Endpoint": "https://example.com"
                }
            },
            {
                "documentation": "For custom endpoint with fips disabled and dualstack enabled",
                "expect": {
                    "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
                },
                "params": {
                    "Region": "us-east-1",
                    "UseFIPS": false,
                    "UseDualStack": true,
                    "Endpoint": "https://example.com"
                }
            },
            {
                "documentation": "Missing region",
                "expect": {
                    "error": "Invalid Configuration: Missing Region"
                }

    }
        ],
        "version": "1.0"
    }
  }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery": {
  "type": "string",
  "traits": {
```

```
            "smithy.api#enum": [
               {
                  "name": "Enabled",
                  "value": "Enabled",
                  "documentation": "Enabled LinuxSubscriptionsDiscovery"
               },
               {
                  "name": "Disabled",
                  "value": "Disabled",
                  "documentation": "Disabled LinuxSubscriptionsDiscovery"
               }
            ]
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings": {
         "type": "structure",
         "members": {
            "SourceRegions": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                  "smithy.api#documentation": "<p>The Regions in which to discover data for Linux
subscriptions.</p>",
                  "smithy.api#required": {}
               }
            },
            "OrganizationIntegration": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration",
               "traits": {
                  "smithy.api#documentation": "<p>Details if you have enabled resource discovery across your
accounts in Organizations.</p>",
                  "smithy.api#required": {}
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>Lists the settings defined for discovering Linux subscriptions.</p>"
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances": {
         "type":
 "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest"
         },
         "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse"
         },
         "errors": [
```

```
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Lists the running Amazon EC2 instances that were discovered with commercial Linux\n      subscriptions.</p>",
            "smithy.api#http": {

        "code": 200,
               "method": "POST",
               "uri": "/subscription/ListLinuxSubscriptionInstances"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "Instances"
            }
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest": {
         "type": "structure",
         "members": {
            "Filters": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
               "traits": {
                  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by
 the name of\n      <code>AmiID</code> with an optional operator to see subscriptions that match, partially\n match, or don't match a certain Amazon Machine Image (AMI) ID.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>AmiID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>InstanceID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>AccountID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Status</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Region</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>UsageOperation</code>\n      </p>\n      </li>\n      <li>\n
    <p>\n      <code>ProductCode</code>\n      </p>\n      </li>\n      <li>\n      <p>\n
     <code>InstanceType</code>\n      </p>\n      </li>\n      </ul>\n      <p>The valid Operators for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>contains</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>equals</code>\n      </p>\n      </li>\n      <li>\n
```

```
        <p>\n                <code>Notequal</code>\n              </p>\n          </li>\n        </ul>"
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"

      }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>",
              "smithy.api#length": {
                "min": 1,
                "max": 16384
              }
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse": {
        "type": "structure",
        "members": {
          "Instances": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList",
            "traits": {
              "smithy.api#documentation":
 "<p>An array that contains instance objects.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest"
```

```
        },
        "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
             },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the Linux subscriptions that have been discovered. If you have linked your\n      organization, the returned results will include data aggregated across your accounts in\n Organizations.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/ListLinuxSubscriptions"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "Subscriptions"
            }

        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest": {
        "type": "structure",
        "members": {
            "Filters": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
                "traits": {
                    "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n <code>Subscription</code> with an optional operator to see subscriptions that match,\n      partially match, or don't match a certain subscription's name.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n <li>\n <p>\n <code>Subscription</code>\n </p>\n </li>\n </ul>\n <p>The valid Operators for this filter are:</p>\n
      <ul>\n <li>\n <p>\n <code>contains</code>\n </p>\n </li>\n <li>\n <p>\n <code>equals</code>\n </p>\n </li>\n <li>\n <p>\n
```

```
            <code>Notequal</code>\n            </p>\n            </li>\n        </ul>"
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>",
              "smithy.api#length": {

                "min": 1,
                  "max": 16384
              }
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse": {
        "type": "structure",
        "members": {
          "Subscriptions": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList",
            "traits": {
              "smithy.api#documentation": "<p>An array that contains subscription objects.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Operator": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [
```

```
            {
              "name": "EQUAL",
              "value": "Equal",
              "documentation": "Equal operator"
            },
            {
              "name": "NOT_EQUAL",
              "value": "NotEqual",
              "documentation": "Not equal operator"
            },
            {
              "name": "CONTAINS",
              "value": "Contains",
              "documentation": "Contains operator"
            }
          ],
          "smithy.api#length": {
            "min": 1,
            "max": 20
          }
        }
      },

  "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [
            {
              "name": "Enabled",
              "value": "Enabled",
              "documentation": "Enabled OrganizationIntegration"
            },
            {
              "name": "Disabled",
              "value": "Disabled",
              "documentation": "Disabled OrganizationIntegration"
            }
          ]
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList": {
        "type": "list",
        "member": {
          "target": "smithy.api#String"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Status": {
        "type": "string",
```

```
        "traits": {
          "smithy.api#enum": [

      {
                "name": "InProgress",
                "value": "InProgress",
                "documentation": "InProgress status"
              },
              {
                "name": "Completed",
                "value": "Completed",
                "documentation": "Completed status"
              },
              {
                "name": "Successful",
                "value": "Successful",
                "documentation": "Successful status"
              },
              {
                "name": "Failed",
                "value": "Failed",
                "documentation": "Failed status"
              }
            ]
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#StringList": {
          "type": "list",
          "member": {
            "target": "smithy.api#String",
            "traits":
  {
              "smithy.api#length": {
                "min": 1,
                "max": 100
              }
            }
          },
          "traits": {
            "smithy.api#length": {
              "min": 1,
              "max": 100
            },
            "smithy.api#uniqueItems": {}
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap": {
          "type": "map",
```

```
        "key": {
            "target": "smithy.api#String"
        },
        "value": {
            "target": "smithy.api#String"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription": {
        "type": "structure",
        "members": {
            "Name": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the subscription.</p>"

        }
            },
            "Type": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The type of subscription. The type can be subscription-included with Amazon EC2, Bring Your Own\n      Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain subscriptions may use licensing from the\n      Amazon Web Services Marketplace as well as OS licensing from Amazon EC2 or BYOS.</p>"
                }
            },
            "InstanceCount": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong",
                "traits": {
                    "smithy.api#documentation": "<p>The total amount of running instances using this subscription.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>An object which details a discovered Linux subscription.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
            "message": {
```

```
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request was denied due to request throttling.</p>",
          "smithy.api#error": "client"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest"
        },

      "output": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Updates the service settings for Linux subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/subscription/UpdateServiceSettings"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest":
{
        "type": "structure",
        "members": {
          "LinuxSubscriptionsDiscovery": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
            "traits": {
              "smithy.api#documentation": "<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
              "smithy.api#required": {}
            }
```

```
            },
            "LinuxSubscriptionsDiscoverySettings": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
               "traits": {
                  "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>",

  "smithy.api#required": {}
               }
            },
            "AllowUpdate": {
               "target": "smithy.api#Boolean",
               "traits": {
                  "smithy.api#documentation": "<p>Describes if updates are allowed to the service settings for Linux
subscriptions. If you\n      allow updates, you can aggregate Linux subscription data in more than one home
Region.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse": {
         "type": "structure",
         "members": {
            "LinuxSubscriptionsDiscovery": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
               "traits": {
                  "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
               }
            },

           "LinuxSubscriptionsDiscoverySettings": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
               "traits": {
                  "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>"
               }
            },
            "Status": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
               "traits": {
                  "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
               }
            },
            "StatusMessage": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
```

```
                "traits": {
                    "smithy.api#documentation":
 "<p>A message which details the Linux subscriptions service settings current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays the aggregated
data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The provided input is not valid. Try your request again.</p>",
            "smithy.api#error": "client"
        }
    }
  }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
  params = &ListLicensesInput{}
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //   - Beneficiary
 //   - ProductSKU
 //   - Fingerprint
 //
   - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}
```

```
func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 if
 err := addProtocolFinalizerMiddlewares(stack, options, "ListLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
```

```
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:
     ServiceID,
  OperationName: "ListLicenses",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
```

```
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
  params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 //
 This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata
```

```
 noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack,
 options, "DisassociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
```

```
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata
 {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "DisassociateLicense",
 }
}
```

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
  params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
 CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string
```

```
// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource
Name (ARN) of the checkout license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string
```

```
 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil
 {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack);
 err != nil {
 return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
```

```
  OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
  params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier
 that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
```

```
    // This member is required.
    DigitalSignatureMethod types.DigitalSignatureMethod

    // License entitlements. Partial checkouts are not supported.
    //
    // This member is required.
    Entitlements []types.EntitlementData

    // Amazon Resource Name (ARN) of the license. The license must use the borrow
    // consumption configuration.
    //
    // This member is required.
    LicenseArn *string

    // Information about constraints.
    CheckoutMetadata []types.Metadata

    // Node ID.
    NodeId *string

    noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

    // Information about constraints.
    CheckoutMetadata []types.Metadata

    // Allowed license entitlements.
    EntitlementsAllowed
    []types.EntitlementData

    // Date and time at which the license checkout expires.
    Expiration *string

    // Date and time at which the license checkout is issued.
    IssuedAt *string

    // Amazon Resource Name (ARN) of the license.
    LicenseArn *string

    // License consumption token.
    LicenseConsumptionToken *string

    // Node ID.
    NodeId *string

    // Signed token.
```

```
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return
 err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutBorrowLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return
 err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
```

```
  OperationName: "CheckoutBorrowLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
  params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide
 to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string
```

```
// Configuration for consumption of the license. Choose a provisional
// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity
*types.DatetimeRange

// Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
```

```
}

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CreateLicense"); err != nil {
  return fmt.Errorf("add
 protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
```

```
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
```

```
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName:
 "CreateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
  params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
```

```
//
// This member is required.
LicenseArn *string

// License version.
Version
*string

noSmithyDocumentSerde
}

type GetLicenseOutput struct {

// License details.
License *types.License

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
 return err
}
err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "GetLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return
err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
```

```
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpGetLicenseValidationMiddleware(stack);
 err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
```

```
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "GetLicense",
 }
}
```

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(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
```

```
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
  params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
   - ProductSKU
 //   - Status
 //   - Fingerprint
 //   - IssuerName
 //   - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
```

```
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{},
 middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "ListReceivedLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
```

```
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}
```

```
func newServiceMetadataMiddleware_opListReceivedLicenses(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "ListReceivedLicenses",
 }
}
```

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```
{
  "smithy": "2.0",
  "shapes": {
    "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>You don't have sufficient access to perform this action.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider": {
      "type": "structure",
      "members": {
        "DirectoryId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The directory ID for an Active Directory identity provider.</p>"
```

```
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
"<p>Details about an Active Directory identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUser": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse"
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        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
           },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Associates the user to an EC2 instance to utilize user-based
subscriptions.</p>\n        <note>\n          <p>Your estimated bill for charges on the number of users and related
costs will take 48\n        hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing
status) in Amazon Web Services Billing. For more information, see <a
href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n
        monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n        </note>",
          "smithy.api#http": {
            "code": 200,
```

```
            "method": "POST",
            "uri": "/user/AssociateUser"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest": {
        "type": "structure",
        "members": {
          "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
              "smithy.api#required": {}
            }
          },
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the
EC2 instance, which provides user-based subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>The identity provider of the user.</p>",
              "smithy.api#required": {}
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
             "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
              "smithy.api#required": {}
            }
```

```
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#BoxInteger": {
          "type": "integer"
        },
        "com.amazonaws.licensemanagerusersubscriptions#ConflictException": {
          "type": "structure",
          "members": {
            "message": {
              "target": "smithy.api#String"
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>The request couldn't be completed because it conflicted with the current
state of the\n      resource.</p>",
            "smithy.api#error": "server"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider":
{
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
             },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Deregisters the identity provider from providing user-based
subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/DeregisterIdentityProvider"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
             "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#documentation":
 "<p>Metadata that describes the results of an identity provider operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser": {
        "type": "operation",
```

```
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Disassociates the user from an EC2 instance providing user-based
subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/DisassociateUser"
            },
            "smithy.api#idempotent": {}
        }

    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
```

```
                "smithy.api#required": {}
              }
            },
            "InstanceId": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation":
"<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required": {}
              }
            },
            "Domain": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse": {
          "type": "structure",
          "members": {
            "InstanceUserSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
              "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
                "smithy.api#required": {}
              }
            }
          }
        },

"com.amazonaws.licensemanagerusersubscriptions#Filter": {
          "type": "structure",
          "members": {
            "Attribute": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of an attribute to use as a filter.</p>"
              }
```

```
            },
            "Operation": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The type of search (For example, eq, geq, leq)</p>"
               }
            },
            "Value": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>Value of the filter.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>A filter name and value pair that is used
 to return more specific results from a describe\n      operation. Filters can be used to match a set of resources by
specific criteria, such as tags,\n      attributes, or IDs.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#FilterList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Filter"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider": {
         "type": "union",
         "members": {
            "ActiveDirectoryIdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider",
               "traits": {
                  "smithy.api#documentation": "<p>An object that details an Active Directory identity provider.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation":
 "<p>Details about an identity provider.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary": {
         "type": "structure",
         "members": {
            "IdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                  "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
```

```
                "smithy.api#required": {}
              }
            },
            "Settings": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
              "traits": {
                "smithy.api#documentation": "<p>An object that details the registered identity providers product related configuration\n      settings such as the subnets to provision VPC endpoints.</p>",
                "smithy.api#required":
 {}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "Status": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The status of an identity provider.</p>",
                "smithy.api#required": {}
              }
            },
            "FailureMessage": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The failure message associated with an identity provider.</p>"
              }
            }
          },
          "traits": {
            "smithy.api#documentation":
 "<p>Describes an identity provider.</p>"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList": {
          "type": "list",
          "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary": {
          "type": "structure",
          "members": {
            "InstanceId": {
```

```
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status
 of an EC2 instance resource.</p>",
              "smithy.api#required": {}
            }
          },
          "Products": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StringList",
            "traits": {
              "smithy.api#documentation": "<p>A list of provided user-based subscription products.</p>",
              "smithy.api#required": {}
            }
          },
          "LastStatusCheckDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The date of the last status check.</p>"
            }
          },
          "StatusMessage": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status message for an EC2 instance.</p>"
            }

    }
      },
      "traits": {
        "smithy.api#documentation": "<p>Describes an EC2 instance providing user-based subscriptions.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary": {
      "type": "structure",
```

```
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "InstanceId": {
                "target": "smithy.api#String",
                "traits":
{
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of a user associated with an EC2 instance.</p>",
                    "smithy.api#required": {}
                }
            },
            "StatusMessage": {
                "target": "smithy.api#String",
                 "traits": {
                    "smithy.api#documentation": "<p>The status message for users of an EC2 instance.</p>"
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            },
            "AssociationDate": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The date a user was associated with an EC2 instance.</p>"
                }
```

```
            },
            "DisassociationDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The date a user was disassociated from an EC2 instance.</p>"
               }
            }

   },
         "traits": {
            "smithy.api#documentation": "<p>Describes users of an EC2 instance providing user-based
subscriptions.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InternalServerException": {
         "type": "structure",
         "members": {
            "message": {
               "target": "smithy.api#String"
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
            "smithy.api#error": "server"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#LicenseManagerUserSubscriptions": {
         "type": "service",

       "version": "2018-05-10",
         "operations": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUser"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders"
```

```
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstances"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations"

},
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings"
        }
      ],
      "traits": {
        "aws.api#service": {
          "sdkId": "License Manager User Subscriptions",
          "arnNamespace": "license-manager-user-subscriptions",
          "cloudTrailEventSource": "license-manager-user-subscriptions.amazonaws.com"
        },
        "aws.auth#sigv4": {
          "name": "license-manager-user-subscriptions"
         },
        "aws.protocols#restJson1": {},
        "smithy.api#cors": {
          "additionalAllowedHeaders": [
            "*",
            "content-type",
            "x-amz-content-sha256",
            "x-amz-user-agent",
            "x-amzn-platform-id",
            "x-amzn-trace-id",
            "content-length",
            "x-api-key",
            "authorization",
            "x-amz-date",
            "x-amz-security-token",
            "Access-Control-Allow-Headers",
```

```
                "Access-Control-Allow-Methods",
                "Access-Control-Allow-Origin"
            ],
            "additionalExposedHeaders": [
                "x-amzn-errortype",
                "x-amzn-requestid",
                "x-amzn-trace-id"

 ]
        },
        "smithy.api#documentation": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with\n      a per user subscription fee on Amazon EC2 instances.</p>",
        "smithy.api#title": "AWS License Manager User Subscriptions",
        "smithy.rules#endpointRuleSet": {
            "version": "1.0",
            "parameters": {
                "Region": {
                    "builtIn": "AWS::Region",
                    "required": false,
                    "documentation": "The AWS region used to dispatch the request.",
                    "type": "String"
                },
                "UseDualStack": {
                    "builtIn": "AWS::UseDualStack",
                    "required": true,
                    "default": false,
                    "documentation": "When true, use the dual-stack
 endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
                    "type": "Boolean"
                },
                "UseFIPS": {
                    "builtIn": "AWS::UseFIPS",
                    "required": true,
                    "default": false,
                    "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
                    "type": "Boolean"
                },
                "Endpoint": {
                    "builtIn": "SDK::Endpoint",
                    "required": false,
                    "documentation": "Override the endpoint used to send this request",
                    "type": "String"
                }

        },
            "rules": [
                {
```

```
"conditions": [
    {
        "fn": "isSet",
        "argv": [
            {
                "ref": "Endpoint"
            }
        ]
    }
],
"type": "tree",
"rules": [
    {
        "conditions": [
            {
                "fn": "booleanEquals",
                "argv": [
                    {
                        "ref": "UseFIPS"
                    },

                    true
                    ]
            }
        ],
        "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
        "type": "error"
    },
    {
        "conditions": [
            {
                "fn": "booleanEquals",
                "argv": [
                    {
                        "ref": "UseDualStack"
                    },
                    true
                ]
            }
        ],

"error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
        "type": "error"
    },
    {
        "conditions": [],
        "endpoint": {
            "url": {
```

```
                    "ref": "Endpoint"
                  },
                  "properties": {},
                  "headers": {}
                },
                "type": "endpoint"
              }
            ]
          },
          {
            "conditions": [
              {
                "fn": "isSet",
                "argv": [

    {
                    "ref": "Region"
                  }
                ]
              }
            ],
            "type": "tree",
            "rules": [
              {
                "conditions": [
                  {
                    "fn": "aws.partition",
                    "argv": [
                      {
                        "ref": "Region"
                      }
                    ],
                    "assign": "PartitionResult"
                  }
                ],
                "type": "tree",

"rules": [
                  {
                    "conditions": [
                      {
                        "fn": "booleanEquals",
                        "argv": [
                          {
                            "ref": "UseFIPS"
                          },
                          true
                        ]
```

```
                    },
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        {
                          "ref": "UseDualStack"

                        },
                        true
                      ]
                    }
                  ],
                  "type": "tree",
                  "rules": [
                    {
                      "conditions": [
                        {
                          "fn": "booleanEquals",
                          "argv": [
                            true,
                            {
                              "fn": "getAttr",

"argv": [
                                {
                                  "ref": "PartitionResult"
                                },
                                "supportsFIPS"
                              ]
                            }
                          ]
                        },
                        {
                          "fn": "booleanEquals",
                          "argv": [
                            true,
                            {

        "fn": "getAttr",
                                "argv": [
                                  {
                                    "ref": "PartitionResult"
                                  },
                                  "supportsDualStack"
                                ]
                              }
                            ]
                          }
```

```
                ],
                "type": "tree",
                "rules": [
                  {

        "conditions": [],
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                      "properties": {},
                      "headers": {}
                    },
                    "type": "endpoint"
                  }
                ]
              },
              {
                "conditions": [],
                "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
                 "type": "error"
              }
            ]
          },
          {
            "conditions": [
              {
                "fn": "booleanEquals",
                "argv": [
                  {
                    "ref": "UseFIPS"
                  },
                  true
                ]
              }
            ],
            "type": "tree",

      "rules": [
              {
                "conditions": [
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      true,
                      {
                        "fn": "getAttr",
                        "argv": [
```

```
                                        {
                                            "ref": "PartitionResult"
                                        },
                                        "supportsFIPS"

                                    ]
                                        }
                                    ]
                                }
                            ],
                            "type": "tree",
                            "rules": [
                                {
                                    "conditions": [],
                                    "endpoint": {
                                        "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                                        "properties": {},
                                        "headers": {}

        },
                                    "type": "endpoint"
                                }
                            ]
                        },
                        {
                            "conditions": [],
                            "error": "FIPS is enabled but this partition does not support FIPS",
                            "type": "error"
                        }
                    ]
                },
                {
                    "conditions": [
                        {
                            "fn": "booleanEquals",
                            "argv": [
                                {
                                    "ref": "UseDualStack"
                                },
                                true
                            ]
                        }
                    ],
                    "type": "tree",
                    "rules": [
                        {
                            "conditions": [
```

```
                {
                  "fn": "booleanEquals",
                  "argv": [
                    true,
                    {

                     "fn": "getAttr",
                       "argv": [
                         {
                           "ref": "PartitionResult"
                         },
                         "supportsDualStack"
                       ]
                    }
                  ]
                }
              ],
              "type": "tree",
              "rules": [
                {

                  "conditions": [],
                   "endpoint": {
                     "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                     "properties": {},
                     "headers": {}
                   },
                   "type": "endpoint"
                }
              ]
            },
            {
              "conditions": [],
              "error": "DualStack is enabled but this partition does
 not support DualStack",
              "type": "error"
            }
          ]
        },
        {
          "conditions": [],
          "endpoint": {
            "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dnsSuffix}",
            "properties": {},
            "headers": {}
          },
```

```
                        "type": "endpoint"
                      }
                    ]
                  }
                ]
              },
              {
                "conditions":
[],
                "error": "Invalid Configuration: Missing Region",
                "type": "error"
              }
            ]
          },
          "smithy.rules#endpointTests": {
            "testCases": [
              {
                "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-east-1.api.aws"
                  }
                },
                "params": {
                  "Region": "us-east-1",
                  "UseFIPS": true,
                  "UseDualStack": true
                }
              },
              {
                "documentation":
"For region us-east-1 with FIPS enabled and DualStack disabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-east-1.amazonaws.com"
                  }
                },
                "params": {
                  "Region": "us-east-1",
                  "UseFIPS": true,
                  "UseDualStack": false
                }
              },
              {
                "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-east-1.api.aws"
```

```
            }
        },

    "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": true
        }
    },
    {
        "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
        "expect": {
            "endpoint": {
                "url": "https://license-manager-user-subscriptions.us-east-1.amazonaws.com"
            }
        },
        "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": false
        }
    },
    {
        "documentation": "For region cn-north-1 with
FIPS enabled and DualStack enabled",
        "expect": {
            "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.cn-north-
1.api.amazonwebservices.com.cn"
            }
        },
        "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
            "UseDualStack": true
        }
    },
    {
        "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
        "expect": {
            "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.cn-north-1.amazonaws.com.cn"
            }
        },

    "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
```

```
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region cn-north-1
with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.cn-north-1.amazonaws.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.api.aws"
            }
          },

    "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
```

```
                    "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.amazonaws.com"
                  }
                },
                "params": {
                  "Region": "us-gov-east-1",
                  "UseFIPS": true,
                  "UseDualStack": false
                }
              },
              {
                "documentation": "For region us-gov-east-1
with FIPS disabled and DualStack enabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-gov-east-1.api.aws"
                  }
                },
                "params": {
                  "Region": "us-gov-east-1",
                  "UseFIPS": false,
                  "UseDualStack": true
                }
              },
              {
                "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-gov-east-1.amazonaws.com"
                  }
                },

    "params": {
                  "Region": "us-gov-east-1",
                  "UseFIPS": false,
                  "UseDualStack": false
                }
              },
              {
                "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
                "expect": {
                  "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
                },
                "params": {
                  "Region": "us-iso-east-1",
                  "UseFIPS": true,
                  "UseDualStack": true
                }
              },
```

```
                {
                  "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
                  "expect":
{
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
                    }
                  },
                  "params": {
                    "Region": "us-iso-east-1",
                    "UseFIPS": true,
                    "UseDualStack": false
                  }
                },
                {
                  "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
                  "expect": {
                    "error": "DualStack is enabled but this partition does not support DualStack"
                  },
                  "params": {
                    "Region": "us-iso-east-1",
                    "UseFIPS": false,
                    "UseDualStack":
true
                  }
                },
                {
                  "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
                  "expect": {
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions.us-iso-east-1.c2s.ic.gov"
                    }
                  },
                  "params": {
                    "Region": "us-iso-east-1",
                    "UseFIPS": false,
                    "UseDualStack": false
                  }
                },
                {
                  "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
                  "expect": {
                    "error": "FIPS and DualStack are enabled, but
this partition does not support one or both"
                  },
                  "params": {
                    "Region": "us-isob-east-1",
                    "UseFIPS": true,
```

```
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
            }
          },
          "params": {
            "Region": "us-isob-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }

    },
        {
          "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "error": "DualStack is enabled but this partition does not support DualStack"
          },
          "params": {
            "Region": "us-isob-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-isob-east-1.sc2s.sgov.gov"
            }
          },
           "params": {
            "Region": "us-isob-east-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
          "expect": {
            "endpoint": {
              "url": "https://example.com"
            }
          },
```

```
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {

"documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {
      "documentation": "For custom endpoint with fips enabled and dualstack disabled",
      "expect": {
        "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
      },
      "params": {
        "Region": "us-east-1",
         "UseFIPS": true,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {
      "documentation": "For custom endpoint with fips disabled and dualstack enabled",
      "expect": {
        "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": true,
        "Endpoint": "https://example.com"
      }
    },
    {
      "documentation": "Missing region",
      "expect": {
```

```
                    "error": "Invalid Configuration: Missing Region"
                }
            }
        ],
        "version": "1.0"
    }
  }
},
"com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders": {
  "type": "operation",
  "input": {
    "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest"
  },
  "output": {
    "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse"
  },
  "errors": [
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
     },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
    }
  ],
  "traits": {
    "smithy.api#documentation": "<p>Lists the identity providers for user-based subscriptions.</p>",
    "smithy.api#http": {
      "code": 200,
      "method": "POST",
      "uri": "/identity-provider/ListIdentityProviders"
    },
    "smithy.api#paginated":
```

```
{
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "IdentityProviderSummaries"
          }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest": {
      "type": "structure",
      "members": {
        "MaxResults": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
          "traits": {
            "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse":
{
      "type": "structure",
      "members": {
        "IdentityProviderSummaries": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList",
          "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the list identity providers operation.</p>",
            "smithy.api#required": {}
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListInstances": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest"
```

```
    },
    "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse"
    },
    "errors": [
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
    ],
    "traits": {
        "smithy.api#documentation": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
        "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/instance/ListInstances"
        },
        "smithy.api#paginated": {
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "InstanceSummaries"
        }
    }
},
"com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest": {
    "type": "structure",
    "members": {
        "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
```

```
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse": {
        "type":
 "structure",
        "members": {
          "InstanceSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list instances operation.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse"
         },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
             }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Lists the user-based subscription products available from an identity
provider.</p>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/user/ListProductSubscriptions"
            },
            "smithy.api#paginated": {
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "ProductUserSummaries"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest": {
         "type": "structure",
         "members": {
            "Product": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The name
 of the user-based subscription product.</p>",
                  "smithy.api#required": {}
               }
            },
            "IdentityProvider": {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {

  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse": {
        "type": "structure",
        "members": {
          "ProductUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list product subscriptions operation.</p>"
            }
          },

       "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations": {
```

```
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target":
"com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists user associations for an identity provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListUserAssociations"
            },
            "smithy.api#paginated":
{
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "InstanceUserSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest": {
```

```
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list user association operation.</p>"
            }
```

```
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary": {
      "type": "structure",
      "members": {

      "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
            "smithy.api#required": {}
          }
        },
        "Product": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
            "smithy.api#required": {}
          }
        },
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }

    },
        "Status": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status of a product for a user.</p>",
            "smithy.api#required": {}
          }
        },
        "StatusMessage": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status message for a product for a user.</p>"
          }
        },
```

```
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            },
            "SubscriptionStartDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The
start date of a subscription.</p>"
               }
            },
            "SubscriptionEndDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The end date of a subscription.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>The summary of the user-based subscription products for a user.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider": {
         "type": "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest"
          },
         "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse"
         },
         "errors": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Registers an identity provider for user-based subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/RegisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity
provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "Settings": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
                "traits": {
                    "smithy.api#documentation": "<p>The registered identity providers product related configuration
settings such as the\n      subnets to provision VPC endpoints.</p>"
                }
            }
```

```
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary":
{
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the results of an identity provider
operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The resource couldn't be found.</p>",
          "smithy.api#error": "client",
          "smithy.api#httpError": 404
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup": {
        "type": "string",

    "traits": {
          "smithy.api#length": {
            "min": 5,
            "max": 200
          },
          "smithy.api#pattern": "^sg-(([0-9a-z]{8})|([0-9a-z]{17}))$"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
```

```
            "smithy.api#documentation": "<p>The request failed because a service quota is exceeded.</p>",
            "smithy.api#error": "client"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Settings": {
        "type": "structure",
        "members": {
            "Subnets": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
                "traits": {
                    "smithy.api#documentation":
"<p>The subnets defined for the registered identity provider.</p>",
                    "smithy.api#length": {
                        "min": 1
                    },
                    "smithy.api#required": {}
                }
            },
            "SecurityGroupId": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
                "traits": {
                    "smithy.api#documentation": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in\n      your VPC and the VPC endpoint for activation servers.</p>",
                    "smithy.api#required": {}
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The registered identity providers product related configuration settings
such as the\n      subnets to provision VPC endpoints, and the security group ID that
 is associated with the VPC\n      endpoints. The security group should permit inbound TCP port 1688
communication from resources\n      in the VPC.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Starts a product subscription for a user with the specified identity provider.</p>\n         <note>\n            <p>Your estimated bill for charges on the number of users and related costs will take 48\n         hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing.
 For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n         monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n         </note>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/user/StartProductSubscription"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest": {
         "type": "structure",
         "members": {
            "Username": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
                  "smithy.api#required": {}
               }
            },
            "IdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                  "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                  "smithy.api#required": {}
               }
```

```
            },
            "Product": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                  "smithy.api#required": {}
               }
            },
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse": {
         "type": "structure",
          "members": {
            "ProductUserSummary": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
               "traits": {
                  "smithy.api#documentation": "<p>Metadata that describes the start product subscription
operation.</p>",
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription": {
         "type": "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest"
         },
         "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse"
         },
         "errors": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"

   },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
```

```
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Stops a product subscription for a user with the specified identity
provider.</p>",
             "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/StopProductSubscription"
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required":
{}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
```

```
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse": {
         "type": "structure",
         "members": {
            "ProductUserSummary": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
               "traits": {
                  "smithy.api#documentation":
"<p>Metadata that describes the start product subscription operation.</p>",
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StringList": {
         "type": "list",
         "member": {
            "target": "smithy.api#String"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnet": {
         "type": "string",
         "traits": {
            "smithy.api#pattern": "subnet-[a-z0-9]{8,17}"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnets": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Subnet"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException": {
         "type": "structure",
         "members": {
            "message": {

             "target": "smithy.api#String"
            }
         },
         "traits": {
```

```
            "smithy.api#documentation": "<p>The request was denied because of request throttling. Retry the
request.</p>",
            "smithy.api#error": "client"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Updates additional product configuration settings for the registered
identity\n      provider.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/identity-provider/UpdateIdentityProviderSettings"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest": {
          "type": "structure",
          "members": {
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                 "smithy.api#required": {}
               }
            },
            "Product": {
```

```
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "UpdateSettings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings",
            "traits": {
              "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration settings. You can\n      update any combination of settings in a single operation such as the:</p>\n <ul>\n          <li>\n              <p>Subnets which you want to add to provision VPC endpoints.</p>\n          </li>\n          <li>\n              <p>Subnets which you want to remove the VPC endpoints from.</p>\n          </li>\n <li>\n              <p>Security group ID which permits traffic to the VPC endpoints.</p>\n          </li>\n      </ul>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings": {
        "type": "structure",
        "members": {
          "AddSubnets": {

           "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation": "<p>The ID of one or more subnets in which License Manager will create a VPC endpoint for products that\n      require connectivity to activation servers.</p>",
              "smithy.api#required": {}
            }
          },
          "RemoveSubnets": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation": "<p>The ID of one or more subnets to remove.</p>",
              "smithy.api#required": {}
            }
```

```
            },
            "SecurityGroupId": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
               "traits": {
                  "smithy.api#documentation": "<p>A security group ID
 that allows inbound TCP port 1688 communication between resources in\n      your VPC and the VPC endpoints for
activation servers.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration
settings such as\n      the subnets to provision VPC endpoints.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ValidationException": {
         "type": "structure",
         "members": {
            "message": {
               "target": "smithy.api#String"
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>A parameter is not valid.</p>",
            "smithy.api#error": "client"
         }
      }
   }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
  params = &DeleteLicenseInput{}
```

```
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version
 of the license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{}, middleware.After)
```

```
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "DeleteLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack,
options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
```

```
 if
 err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "DeleteLicense",
 }
}
```

1.435 cache-api 1.1.1

1.435.1 Available under license :

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1.436 junixsocket-common 2.3.2

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* /junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/AFUNIXSocketCredentials.java
* /junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/AFUNIXServerSocket.java
*
 /junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/NativeLibraryLoader.java
* /junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/AFUNIXSocketCapability.java
* /junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/AFUNIXSocketImpl.java
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1.437 jakarta-transaction-api 1.3.3

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* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
*
 /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/HostsFileParser.java
* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java
* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
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* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/NoopAddressResolver.java
* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/NameResolver.java
*
/netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/package-info.java
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1.439 x-sync 0.8.0

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1.440 gojsonpointer 0.0.0-20190905194746-02993c407bfb

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

* <p>
* This class is used to encode and decode data in Base64 format as described in RFC 1521.
*
* <p>
* Project home page: www.
* source-code.biz/base64coder/java
* Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland
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*/

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* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/ValueToken.java
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/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/StreamEndEvent.java
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* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java
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1.442 notary 0.7.1-0.20210315103452-bf96a202a09a

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David Williamson <david.williamson@docker.com> (github: davidwilliamson)
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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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1.445 errors 0.9.1

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1.446 txw2 2.3.3

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1.447 go-digest 1.0.0

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1.448 bitset 1.13.0

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1.449 pcre2 10.34-7ubuntu0.1

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THE BASIC LIBRARY FUNCTIONS

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1.450 go-grpc-middleware-providers-prometheus 1.0.1

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* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/ClassType.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/IndexReaderV1.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/Result.java
*
 /jandex-2-1-3-final-sources-jar/org/jboss/jandex/Index.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/MethodParameterInfo.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/UnsupportedVersion.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/AnnotationValue.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/AnnotationTarget.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/PrimitiveType.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/Main.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/PackedDataInputStream.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/AnnotationInstance.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/IndexReader.java
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* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/Utils.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/FieldInfoGenerator.java
*
/jandex-2-1-3-final-sources-jar/org/jboss/jandex/MethodInfoGenerator.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/ThrowsTypeTarget.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/TypeParameterBoundTypeTarget.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/EmptyTypeTarget.java
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* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/TypeTarget.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/AnnotationTargetFilterCollection.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/IndexWriterImpl.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/TypeParameterTypeTarget.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/VoidType.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/IndexReaderImpl.java
* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/ArrayType.java
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* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/ClassExtendsTypeTarget.java
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/jandex-2-1-3-final-sources-jar/org/jboss/jandex/MethodParameterTypeTarget.java
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* /jandex-2-1-3-final-sources-jar/org/jboss/jandex/UnresolvedTypeVariable.java
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1.457 netty-codec-socks 4.1.51.Final

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* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java
*
 /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksMessage.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java
*
 /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java

* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksCommonUtils.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequest.java
*
/netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandType.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponse.java
* /netty-codec-socks-4-1-51-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponse.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java
*
/netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/package-info.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/SocksMessage.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksMessageEncoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandStatus.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/package-info.java
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```

Found in path(s):
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/package-info.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequestDecoder.java

* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponseDecoder.java
*
 /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4Message.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5Message.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/AbstractSocks5Message.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/package-info.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponseDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/AbstractSocks4Message.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java
*
 /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerEncoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ClientEncoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequestDecoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ServerEncoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientEncoder.java
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* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressEncoder.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressDecoder.java
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* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
*
/netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksRequestType.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksResponseType.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksMessageType.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksAddressType.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandStatus.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java

*
/netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/SocksVersion.java
* /netty-codec-socks-4-1-51-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java

1.458 platformdirs 2.6.2

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1.459 google-cloud-go-longrunning 0.5.4

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package compute

import (
 "bytes"
 "context"
 "fmt"
 "io"
 "net/http"
 "net/url"
 "time"

 computepb "cloud.google.com/go/compute/apiv1/computepb"
 gax "github.com/googleapis/gax-go/v2"
 "google.golang.org/api/googleapi"
 "google.golang.org/api/option"
 "google.golang.org/api/option/internaloption"
 httptransport "google.golang.org/api/transport/http"
 "google.golang.org/grpc"
 "google.golang.org/protobuf/encoding/protojson"
)

var
 newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
 Get               []gax.CallOption
 TestIamPermissions []gax.CallOption
}

func defaultLicenseCodesRESTCallOptions() *LicenseCodesCallOptions {
 return &LicenseCodesCallOptions{
  Get: []gax.CallOption{
   gax.WithTimeout(600000 * time.Millisecond),
   gax.WithRetry(func() gax.Retryer {
    return gax.OnHTTPCodes(gax.Backoff{
     Initial:    100 * time.Millisecond,
     Max:        60000 * time.Millisecond,
     Multiplier: 1.30,
    },
     http.StatusGatewayTimeout,
     http.StatusServiceUnavailable)
   }),
  },
```

```
  TestIamPermissions: []gax.CallOption{
   gax.WithTimeout(600000 * time.Millisecond),
  },
 }
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient
 interface {
 Close() error
 setGoogleClientInfo(...string)
 Connection() *grpc.ClientConn
 Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
 TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
 // The internal transport-dependent client.
 internalClient internalLicenseCodesClient

 // The call options for this service.
 CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient)
 Close() error {
 return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
 c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
```

```
// Deprecated: Connections are now pooled so this method does not always
// return the same resource.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
 return c.internalClient.Connection()
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts ...gax.CallOption) (*computepb.LicenseCode,
 error) {
 return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req *computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse, error) {
 return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with method calls.
type licenseCodesRESTClient struct {
 // The http endpoint to connect to.
 endpoint string

 // The http client.
 httpClient *http.Client

 // The x-goog-* headers to be sent with each request.
 xGoogHeaders []string

 // Points back to the CallOptions field of the containing LicenseCodesClient
 CallOptions **LicenseCodesCallOptions
}

// NewLicenseCodesRESTClient
 creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
 clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
 httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
 if err != nil {
  return nil, err
```

```
 }

 callOpts := defaultLicenseCodesRESTCallOptions()
 c := &licenseCodesRESTClient{
  endpoint:    endpoint,
  httpClient:  httpClient,
  CallOptions: &callOpts,
 }
 c.setGoogleClientInfo()

 return &LicenseCodesClient{internalClient: c, CallOptions: callOpts}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
 return []option.ClientOption{
  internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
  internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
  internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
  internaloption.WithDefaultScopes(DefaultAuthScopes()...),
 }
}

//
 setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
 kv := append([]string{"gl-go", gax.GoVersion}, keyval...)
 kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
 c.xGoogHeaders = []string{"x-goog-api-client", gax.XGoogHeader(kv...)}
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
 // Replace httpClient with nil to force cleanup.
 c.httpClient = nil
 return nil
}

// Connection returns a connection to the API service.
//
// Deprecated: This method always returns nil.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
 return nil
}

// Get return a specified license code. License codes are
```

mirrored across all projects that have permissions to read the License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts ...gax.CallOption) (*computepb.LicenseCode, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(), req.GetLicenseCode())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project", url.QueryEscape(req.GetProject()), "license_code", url.QueryEscape(req.GetLicenseCode()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts = append((*c.CallOptions).Get[0:len((*c.CallOptions).Get):len((*c.CallOptions).Get)], opts...)
 unm
 := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.LicenseCode{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }
```

```
  if err := unm.Unmarshal(buf, resp); err != nil {
   return err
  }

  return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners
 who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetTestPermissionsRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts =
append((*c.CallOptions).TestIamPermissions[0:len((*c.CallOptions).TestIamPermissions):len((*c.CallOptions).Tes
tIamPermissions)],
 opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.TestPermissionsResponse{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
```

```
 }
 httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
 if err != nil {
  return err
 }
 httpReq = httpReq.WithContext(ctx)
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}
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// limitations under the License.
```

```
// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

import (
 "bytes"
 "context"
 "fmt"
 "io"
 "math"
 "net/http"
 "net/url"
 "time"

 computepb "cloud.google.com/go/compute/apiv1/computepb"
 gax "github.com/googleapis/gax-go/v2"
 "google.golang.org/api/googleapi"
 "google.golang.org/api/iterator"
 "google.golang.org/api/option"
 "google.golang.org/api/option/internaloption"
 httptransport
 "google.golang.org/api/transport/http"
 "google.golang.org/grpc"
 "google.golang.org/protobuf/encoding/protojson"
 "google.golang.org/protobuf/proto"
)

var newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
 Delete            []gax.CallOption
 Get               []gax.CallOption
 GetIamPolicy      []gax.CallOption
 Insert            []gax.CallOption
 List              []gax.CallOption
 SetIamPolicy      []gax.CallOption
 TestIamPermissions []gax.CallOption
}

func defaultLicensesRESTCallOptions() *LicensesCallOptions {
 return &LicensesCallOptions{
  Delete: []gax.CallOption{
   gax.WithTimeout(600000 * time.Millisecond),
  },
  Get: []gax.CallOption{
   gax.WithTimeout(600000 * time.Millisecond),
   gax.WithRetry(func() gax.Retryer {
```

```
   return gax.OnHTTPCodes(gax.Backoff{
    Initial:    100 * time.Millisecond,
    Max:        60000 * time.Millisecond,
    Multiplier: 1.30,
   },
    http.StatusGatewayTimeout,
    http.StatusServiceUnavailable)
  }),
 },
 GetIamPolicy:
[]gax.CallOption{
  gax.WithTimeout(600000 * time.Millisecond),
  gax.WithRetry(func() gax.Retryer {
   return gax.OnHTTPCodes(gax.Backoff{
    Initial:    100 * time.Millisecond,
    Max:        60000 * time.Millisecond,
    Multiplier: 1.30,
   },
    http.StatusGatewayTimeout,
    http.StatusServiceUnavailable)
  }),
 },
 Insert: []gax.CallOption{
  gax.WithTimeout(600000 * time.Millisecond),
 },
 List: []gax.CallOption{
  gax.WithTimeout(600000 * time.Millisecond),
  gax.WithRetry(func() gax.Retryer {
   return gax.OnHTTPCodes(gax.Backoff{
    Initial:    100 * time.Millisecond,
    Max:        60000 * time.Millisecond,
    Multiplier: 1.30,
   },
    http.StatusGatewayTimeout,
    http.StatusServiceUnavailable)
  }),
 },
 SetIamPolicy: []gax.CallOption{
  gax.WithTimeout(600000 * time.Millisecond),
 },
 TestIamPermissions: []gax.CallOption{
  gax.WithTimeout(600000
* time.Millisecond),
 },
 }
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
```

```
type internalLicensesClient interface {
 Close() error
 setGoogleClientInfo(...string)
 Connection() *grpc.ClientConn
 Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
 Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption) (*computepb.License, error)
 GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
 Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
 List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
 SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
 TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse,
 error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The Licenses API.
type LicensesClient struct {
 // The internal transport-dependent client.
 internalClient internalLicensesClient

 // The call options for this service.
 CallOptions *LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
 return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
 c.internalClient.setGoogleClientInfo(keyval...)
}

//
 Connection returns a connection to the API service.
//
```

```
// Deprecated: Connections are now pooled so this method does not always
// return the same resource.
func (c *LicensesClient) Connection() *grpc.ClientConn {
 return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption) (*Operation, error) {
 return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption) (*computepb.License, error) {
 return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy
 for a resource. May be empty if no such policy or resource exists. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts ...gax.CallOption) (*computepb.Policy, error) {
 return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption) (*Operation, error) {
 return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
 list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption) *LicenseIterator {
 return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
```

```
...gax.CallOption) (*computepb.Policy, error) {
 return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use
 only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req *computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse, error) {
 return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with method calls.
type licensesRESTClient struct {
 // The http endpoint to connect to.
 endpoint string

 // The http client.
 httpClient *http.Client

 // operationClient is used to call the operation-specific management service.
 operationClient *GlobalOperationsClient

 // The x-goog-* headers to be sent with each request.
 xGoogHeaders []string

 // Points back to the CallOptions field of the containing LicensesClient
 CallOptions **LicensesCallOptions
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx
 context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
 clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
 httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
 if err != nil {
  return nil, err
 }

 callOpts := defaultLicensesRESTCallOptions()
 c := &licensesRESTClient{
  endpoint:    endpoint,
  httpClient:  httpClient,
  CallOptions: &callOpts,
```

```
 }
 c.setGoogleClientInfo()

 o := []option.ClientOption{
  option.WithHTTPClient(httpClient),
  option.WithEndpoint(endpoint),
 }
 opC, err := NewGlobalOperationsRESTClient(ctx, o...)
 if err != nil {
  return nil, err
 }
 c.operationClient = opC

 return &LicensesClient{internalClient: c, CallOptions: callOpts}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
 return []option.ClientOption{
  internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
  internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
  internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
  internaloption.WithDefaultScopes(DefaultAuthScopes()...),
 }
}

//
 setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
 kv := append([]string{"gl-go", gax.GoVersion}, keyval...)
 kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
 c.xGoogHeaders = []string{"x-goog-api-client", gax.XGoogHeader(kv...)}
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
 // Replace httpClient with nil to force cleanup.
 c.httpClient = nil
 if err := c.operationClient.Close(); err != nil {
  return err
 }
 return nil
}

// Connection returns a connection to the API service.
//
```

```
// Deprecated: This method always returns
 nil.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
 return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

 params := url.Values{}
 if req != nil && req.RequestId != nil {
  params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
 }

 baseUrl.RawQuery = params.Encode()

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "license", url.QueryEscape(req.GetLicense()))}

 hds = append(c.xGoogHeaders, hds...)
 hds
 = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts = append((*c.CallOptions).Delete[0:len((*c.CallOptions).Delete):len((*c.CallOptions).Delete)], opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Operation{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
```

```
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return nil
 }, opts...)
 if e != nil
 {
  return nil, e
 }
 op := &Operation{
  &globalOperationsHandle{
   c:       c.operationClient,
   proto:   resp,
   project: req.GetProject(),
  },
 }
 return op, nil
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "license", url.QueryEscape(req.GetLicense()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
```

```
 headers := gax.BuildHeaders(ctx,
 hds...)
 opts = append((*c.CallOptions).Get[0:len((*c.CallOptions).Get):len((*c.CallOptions).Get)], opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.License{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return err
  }

  return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// GetIamPolicy gets the access control policy for
 a resource. May be empty if no such policy or resource exists. Caution This resource is intended for use only by
third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
```

```
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

 params := url.Values{}
 if req != nil && req.OptionsRequestedPolicyVersion != nil {
  params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
 }

 baseUrl.RawQuery = params.Encode()

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource()))}

 hds
 = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts =
append((*c.CallOptions).GetIamPolicy[0:len((*c.CallOptions).GetIamPolicy):len((*c.CallOptions).GetIamPolicy)],
opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Policy{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }
```

```
 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return
nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetLicenseResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

 params := url.Values{}
 if req != nil && req.RequestId != nil {
  params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
 }

 baseUrl.RawQuery = params.Encode()

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v",
 "project", url.QueryEscape(req.GetProject()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
```

```
headers := gax.BuildHeaders(ctx, hds...)
opts = append((*c.CallOptions).Insert[0:len((*c.CallOptions).Insert):len((*c.CallOptions).Insert)], opts...)
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &computepb.Operation{}
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
 if settings.Path != "" {
  baseUrl.Path = settings.Path
 }
 httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
 if err != nil {
  return err
 }
 httpReq = httpReq.WithContext(ctx)
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return
err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return nil
}, opts...)
if e != nil {
 return nil, e
}
op := &Operation{
 &globalOperationsHandle{
  c:       c.operationClient,
  proto:   resp,
  project: req.GetProject(),
 },
}
return op, nil
```

```
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
 it := &LicenseIterator{}
 req = proto.Clone(req).(*computepb.ListLicensesRequest)
 unm
 := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
  resp := &computepb.LicensesListResponse{}
  if pageToken != "" {
   req.PageToken = proto.String(pageToken)
  }
  if pageSize > math.MaxInt32 {
   req.MaxResults = proto.Uint32(math.MaxInt32)
  } else if pageSize != 0 {
   req.MaxResults = proto.Uint32(uint32(pageSize))
  }
  baseUrl, err := url.Parse(c.endpoint)
  if err != nil {
   return nil, "", err
  }
  baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

  params := url.Values{}
  if req != nil && req.Filter != nil {
   params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
  }
  if req != nil && req.MaxResults != nil {
   params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
  }
  if req != nil && req.OrderBy != nil {
   params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
  }
  if req !=
 nil && req.PageToken != nil {
   params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
  }
  if req != nil && req.ReturnPartialSuccess != nil {
   params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
  }

  baseUrl.RawQuery = params.Encode()
```

```
 // Build HTTP headers from client and context metadata.
 hds := append(c.xGoogHeaders, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
  if err != nil {
   return
err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return err
  }

  return nil
 }, opts...)
 if e != nil {
  return nil, "", e
 }
 it.Response = resp
 return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
 items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
 if err != nil {
  return "", err
 }
```

```
 it.items = append(it.items, items...)
 return nextPageToken, nil
 }

 it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
 it.pageInfo.MaxSize = int(req.GetMaxResults())
 it.pageInfo.Token = req.GetPageToken()

 return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption)
 (*computepb.Policy, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetGlobalSetPolicyRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts =
append((*c.CallOptions).SetIamPolicy[0:len((*c.CallOptions).SetIamPolicy):len((*c.CallOptions).SetIamPolicy)],
opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Policy{}
 e
 := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
```

```
 if err != nil {
  return err
 }
 httpReq = httpReq.WithContext(ctx)
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx
 context.Context, req *computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetTestPermissionsRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
```

```
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts =
append((*c.CallOptions).TestIamPermissions[0:len((*c.CallOptions).TestIamPermissions):len((*c.CallOptions).Tes
tIamPermissions)],
 opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.TestPermissionsResponse{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return err
  }

  return nil
```

```
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
 items    []*computepb.License
 pageInfo
 *iterator.PageInfo
 nextFunc func() error

 // Response is the raw response for the current page.
 // It must be cast to the RPC response type.
 // Calling Next() or InternalFetch() updates this value.
 Response interface{}

 // InternalFetch is for use by the Google Cloud Libraries only.
 // It is not part of the stable interface of this package.
 //
 // InternalFetch returns results from a single call to the underlying RPC.
 // The number of results is no greater than pageSize.
 // If there are no more results, nextPageToken is empty and err is nil.
 InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
 return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done,
 all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
 var item *computepb.License
 if err := it.nextFunc(); err != nil {
  return item, err
 }
 item = it.items[0]
 it.items = it.items[1:]
 return item, nil
}

func (it *LicenseIterator) bufLen() int {
 return len(it.items)
```

```
}

func (it *LicenseIterator) takeBuf() interface{} {
 b := it.items
 it.items = nil
 return b
}
```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
 "context"

 compute "cloud.google.com/go/compute/apiv1"
 computepb "cloud.google.com/go/compute/apiv1/computepb"
 "google.golang.org/api/iterator"
)

func ExampleNewLicensesRESTClient() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will
 require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 // TODO: Use client.
 _ = c
}
```

```
func ExampleLicensesClient_Delete() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.DeleteLicenseRequest{
  //
 TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#DeleteLicenseRequest.
 }
 op, err := c.Delete(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }

 err = op.Wait(ctx)
 if err != nil {
  // TODO: Handle error.
 }
}

func ExampleLicensesClient_Get() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.GetLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#GetLicenseRequest.
 }
 resp,
```

```
 err := c.Get(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}

func ExampleLicensesClient_GetIamPolicy() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.GetIamPolicyLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#GetIamPolicyLicenseRequest.
 }
 resp, err := c.GetIamPolicy(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}

func ExampleLicensesClient_Insert()
 {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.InsertLicenseRequest{
```

```
 // TODO: Fill request struct fields.
 // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#InsertLicenseRequest.
 }
 op, err := c.Insert(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }

 err = op.Wait(ctx)
 if err != nil {
  // TODO: Handle error.
 }
}

func ExampleLicensesClient_List() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template
 only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.ListLicensesRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#ListLicensesRequest.
 }
 it := c.List(ctx, req)
 for {
  resp, err := it.Next()
  if err == iterator.Done {
   break
  }
  if err != nil {
   // TODO: Handle error.
  }
  // TODO: Use resp.
  _ = resp
 }
}

func ExampleLicensesClient_SetIamPolicy() {
 ctx := context.Background()
```

```
// This snippet has been automatically generated and should be regarded as a code template only.
// It will require modifications to work:
// - It may require correct/in-range
values for request initialization.
// - It may require specifying regional endpoints when creating the service client as shown in:
//   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
}
defer c.Close()

req := &computepb.SetIamPolicyLicenseRequest{
 // TODO: Fill request struct fields.
 // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#SetIamPolicyLicenseRequest.
}
resp, err := c.SetIamPolicy(ctx, req)
if err != nil {
 // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_TestIamPermissions() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown
 in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.TestIamPermissionsLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#TestIamPermissionsLicenseRequest.
 }
 resp, err := c.TestIamPermissions(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
```

```
}
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package compute_test

import (
 "context"

 compute "cloud.google.com/go/compute/apiv1"
 computepb "cloud.google.com/go/compute/apiv1/computepb"
)

func ExampleNewLicenseCodesRESTClient() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 //
 - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicenseCodesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 // TODO: Use client.
 _ = c
}

func ExampleLicenseCodesClient_Get() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
```

```
// - It may require correct/in-range values for request initialization.
// - It may require specifying regional endpoints when creating the service client as shown in:
//   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
}
defer c.Close()

req := &computepb.GetLicenseCodeRequest{
 // TODO: Fill request
struct fields.
 // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#GetLicenseCodeRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
 // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicenseCodesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.TestIamPermissionsLicenseCodeRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#TestIamPermissionsLicenseCodeRequest.
 }
 resp,
 err := c.TestIamPermissions(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}
```

1.460 libnettle6 3.7.3-1

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1.461 gson 2.8.6

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* /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/SqlDateTypeAdapter.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/ConstructorConstructor.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/TimeTypeAdapter.java
*
 /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/DateTypeAdapter.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/UnsafeAllocator.java
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* /gson-2-8-6-sources-1-jar/com/google/gson/JsonPrimitive.java
* /gson-2-8-6-sources-1-jar/com/google/gson/ExclusionStrategy.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonDeserializer.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/$Gson$Preconditions.java
*
 /gson-2-8-6-sources-1-jar/com/google/gson/internal/Excluder.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonSerializationContext.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonArray.java
* /gson-2-8-6-sources-1-jar/com/google/gson/annotations/Since.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/Primitives.java
* /gson-2-8-6-sources-1-jar/com/google/gson/reflect/TypeToken.java
* /gson-2-8-6-sources-1-jar/com/google/gson/Gson.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonIOException.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonObject.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonSerializer.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/ObjectConstructor.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonNull.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonDeserializationContext.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonElement.java
* /gson-2-8-6-sources-1-jar/com/google/gson/GsonBuilder.java
*
 /gson-2-8-6-sources-1-jar/com/google/gson/FieldNamingPolicy.java
* /gson-2-8-6-sources-1-jar/com/google/gson/FieldNamingStrategy.java
* /gson-2-8-6-sources-1-jar/com/google/gson/DefaultDateTypeAdapter.java
* /gson-2-8-6-sources-1-jar/com/google/gson/annotations/Until.java
* /gson-2-8-6-sources-1-jar/com/google/gson/annotations/SerializedName.java
* /gson-2-8-6-sources-1-jar/com/google/gson/annotations/Expose.java
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* /gson-2-8-6-sources-1-jar/com/google/gson/LongSerializationPolicy.java
* /gson-2-8-6-sources-1-jar/com/google/gson/JsonStreamParser.java
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* /gson-2-8-6-sources-1-jar/com/google/gson/internal/LinkedTreeMap.java
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* /gson-2-8-6-sources-1-jar/com/google/gson/stream/JsonScope.java
* /gson-2-8-6-sources-1-jar/com/google/gson/stream/MalformedJsonException.java
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* /gson-2-8-6-sources-1-jar/com/google/gson/internal/reflect/PreJava9ReflectionAccessor.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/PreJava9DateFormatProvider.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/reflect/ReflectionAccessor.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/reflect/UnsafeReflectionAccessor.java
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* /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/TypeAdapters.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/JsonTreeReader.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
*
 /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java
* /gson-2-8-6-sources-1-jar/com/google/gson/TypeAdapter.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/JsonReaderInternalAccess.java
* /gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/JsonTreeWriter.java
* /gson-2-8-6-sources-1-jar/com/google/gson/TypeAdapterFactory.java
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* /gson-2-8-6-sources-1-jar/com/google/gson/internal/GsonBuildConfig.java

1.462 tomcat-embed-websocket 9.0.99

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1.464 coreutils 8.30-3ubuntu2

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Found in path(s):
* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/annotation/MemberValue.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
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*
 /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/annotation/Annotation.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/annotation/MemberValueVisitor.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/compiler/ast/BinExpr.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/compiler/SymbolTable.java
*

/javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/BadBytecode.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/tools/web/Webserver.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/NestMembersAttribute.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/convert/TransformBefore.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/tools/reflect/Metaobject.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/convert/TransformAfter.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/Descriptor.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/compiler/JvstTypeChecker.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/compiler/ast/Variable.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/scopedpool/ScopedClassPoolFactory.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/LoaderClassPath.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/tools/framedump.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/expr/MethodCall.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/SignatureAttribute.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/ClassFileWriter.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/convert/TransformReadField.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/stackmap/TypeData.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/runtime/DotClass.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
* /javassist-3-24-0-ga-sources-5-jar/javassist/compiler/ast/Member.java
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* /javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/analysis/MultiType.java
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1.467 open-ldap 2.4.57+dfsg-3+deb11u1

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Local-Date: Fri, 06 Jun 2003 13:18:52 -0400

Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

Stephen,

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Regards, Juan

MA
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Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)
From: Mark Adamson <adamson@andrew.cmu.edu>
To: Stephen Frost <sfrost@debian.org>
Subject: Re: Mark Adamson license in OpenLDAP source

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* To: Stephen Frost <sfrost@snowman.net>
* Subject: Re: OpenLDAP Licenseing issues
* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>

* Date: Wed, 28 May 2003 10:55:44 -0700
* Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>

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<sr1@inf.tu-dresden.de>.

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

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

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

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

Since June 2006, it has been maintained by Stephen Gran <sgran@debian.org>

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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/service/ServiceProvider.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/CacheWritingException.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/serialization/package-info.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/ValueSupplier.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/serialization/StatefulSerializer.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/config/Configuration.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/WriteBehindConfiguration.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/expiry/ExpiryPolicy.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/CachePersistenceException.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/PersistentCacheManager.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/CacheLoaderWriterConfiguration.java

* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/event/EventOrdering.java
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 /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/persistence/PersistableResourceService.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/config/FluentConfigurationBuilder.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/config/CacheRuntimeConfiguration.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/resilience/StoreAccessException.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/Cache.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/service/ServiceConfiguration.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/service/OptionalServiceDependencies.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/PersistentUserManagedCache.java
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* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/serialization/SerializerException.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/persistence/StateHolder.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/config/ResourceUnit.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/event/EventFiring.java
*
 /ehcache-api-3-8-1-sources-1-jar/org/ehcache/CacheIterationException.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/service/package-info.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/resilience/ResilienceStrategy.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/BulkCacheWritingException.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/WriteBehindProvider.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/config/package-info.java

* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/spi/service/PluralService.java
* /ehcache-api-3-8-1-sources-1-jar/org/ehcache/config/FluentCacheConfigurationBuilder.java

1.472 junixsocket-native-common 2.3.2

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* /junixsocket-native-common-2-3-2-sources-jar/org/newsclub/lib/junixsocket/common/NarMetadata.java

1.473 curl 7.74.0-1.3+deb11u15

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1.475 platforms 1.0.0-rc.1

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1.476 spring-security-config 5.4.11

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1.477 latencyutils 2.0.3

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 // on SPDX License List
 LicenseIdentifier string `json:"licenseId"`

 // 10.2: Extracted Text
 // Cardinality: conditional (mandatory, one) if there is a
 // License Identifier assigned
 ExtractedText string `json:"extractedText"`

 // 10.3: License Name: single line of text or "NOASSERTION"
 // Cardinality: conditional (mandatory, one) if license is not
 // on SPDX License List
 LicenseName string `json:"name,omitempty"`

 // 10.4: License Cross Reference
 // Cardinality: conditional (optional, one or many) if license
 // is not on SPDX License List
 LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

 //
 10.5: License Comment
 // Cardinality: optional, one
 LicenseComment string `json:"comment,omitempty"`
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Go support for Protocol Buffers - Google's data interchange format

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// Cardinality: conditional (mandatory, one) if license is not
// on SPDX License List
LicenseIdentifier string `json:"licenseId"`

// 6.2: Extracted Text
// Cardinality: conditional (mandatory, one) if there is a

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//            License Identifier assigned
ExtractedText string `json:"extractedText"`

// 6.3: License Name: single line of text or "NOASSERTION"
// Cardinality: conditional (mandatory, one) if license is not
//            on SPDX License List
LicenseName string `json:"name,omitempty"`

// 6.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
//            is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

// 6.5:
License Comment
// Cardinality: optional, one
LicenseComment string `json:"comment,omitempty"`
}
```

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 // 10.1: License Identifier: "LicenseRef-[idstring]"
 // Cardinality: conditional (mandatory, one) if license is not
 //              on SPDX License List
 LicenseIdentifier string `json:"licenseId"`

 // 10.2: Extracted Text
 // Cardinality: conditional (mandatory, one) if there is a
 //              License Identifier assigned
 ExtractedText string `json:"extractedText"`

 // 10.3: License Name: single line of text or "NOASSERTION"
 // Cardinality: conditional (mandatory, one) if license is not
 //              on SPDX License List
 LicenseName string `json:"name,omitempty"`

 // 10.4: License Cross Reference
 // Cardinality: conditional (optional, one or many) if license
 //              is not on SPDX License List
 LicenseCrossReferences []string `json:"seeAlsos,omitempty"`
```

// 10.5: License Comment
// Cardinality:
optional, one
LicenseComment string `json:"comment,omitempty"`
}
procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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localtime.go, localtime_test.go:

Originals:
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Changes:
* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.
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* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/BeanInstantiationException.java
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* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/xml/XmlBeanDefinitionReader.java
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jar/org/springframework/beans/factory/config/BeanFactoryPostProcessor.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/support/BeanDefinitionBuilder.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/TypeConverter.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/config/BeanPostProcessor.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/propertyeditors/StringTrimmerEditor.java
* /spring-beans-5-2-24-release-sources-
jar/org/springframework/beans/factory/annotation/InitDestroyAnnotationBeanPostProcessor.java
*
/spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/support/MethodOverrides.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/ExtendedBeanInfo.java
* /spring-beans-5-2-24-release-sources-
jar/org/springframework/beans/factory/config/AutowireCapableBeanFactory.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/PropertyValue.java
* /spring-beans-5-2-24-release-sources-
jar/org/springframework/beans/factory/config/InstantiationAwareBeanPostProcessor.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/xml/DelegatingEntityResolver.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/TypeConverterSupport.java
* /spring-beans-5-2-24-release-sources-
jar/org/springframework/beans/factory/config/YamlPropertiesFactoryBean.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/xml/BeansDtdResolver.java
*
/spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/config/RuntimeBeanReference.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/propertyeditors/CustomCollectionEditor.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/BeanMetadataElement.java
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jar/org/springframework/beans/factory/xml/NamespaceHandlerResolver.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/propertyeditors/ZoneIdEditor.java
*

/spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/config/BeanDefinitionCustomizer.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/propertyeditors/ReaderEditor.java
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* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/propertyeditors/URLEditor.java
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* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/propertyeditors/FileEditor.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/propertyeditors/InputStreamEditor.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/NamedBean.java
*
/spring-beans-5-2-24-release-sources-jar/org/springframework/beans/NullValueInNestedPathException.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/BeanInitializationException.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/BeanNameAware.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/support/ResourceEditorRegistrar.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/config/Scope.java
* /spring-beans-5-2-24-release-sources-jar/org/springframework/beans/factory/parsing/SourceExtractor.java

1.484 seccomp 0.10.0

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1.485 float16 0.8.4

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1.486 x-oauth2 0.22.0

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1.487 jakarta-validation-api 2.0.2

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* /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
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* /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
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* /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
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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Path.java
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* /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
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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ValidateOnExecution.java
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* /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
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* /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
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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupSequence.java
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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/OverridesAttribute.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/BootstrapState.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Email.java
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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/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
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1.488 golang-jwt 5.2.1

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1.490 zap 1.21.0

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1.492 x-sys 0.26.0

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1.493 sys-user 0.3.0

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src/clnt_perror.c
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src/debug.c
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src/getnetconfig.c
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src/key_prot_xdr.c
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src/rpc_callmsg.c
src/rpc_com.h
src/rpc_commondata.c
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src/rpc_generic.c
src/rpc_prot.c
src/rpc_soc.c
src/rpcb_prot.c
src/rpcb_st_xdr.c
src/rtime.c
src/svc_auth.c
src/svc_auth_des.c
src/svc_auth_unix.c
src/svc_dg.c
src/svc_generic.c
src/svc_raw.c
src/svc_simple.c
src/svc_vc.c
src/xdr_array.c
src/xdr_float.c
src/xdr_mem.c
src/xdr_rec.c
src/xdr_reference.c

src/xdr_sizeof.c
src/xdr_stdio.c
tirpc/rpc/auth_des.h
tirpc/rpc/auth_unix.h
tirpc/rpc/des_crypt.h
tirpc/rpc/pmap_clnt.h
tirpc/rpc/pmap_prot.h
tirpc/rpc/pmap_rmt.h
tirpc/rpc/raw.h
tirpc/rpc/rpc_com.h

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1.501 tdb 1.46.2

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

  */
/**
    * Set the {@code TCP_QUICKACK} option on the socket. See <a
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  */
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* /netty-transport-native-epoll-4-1-51-final-sources-jar/io/netty/channel/epoll/LinuxSocket.java
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1.507 distlib 0.3.6

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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.

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
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==========

Distutils2 Contributors

==========

The Distutils2 project was started by Tarek Ziad and is currently maintained by ric Araujo. Many people have contributed to the project.

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

If you're making a patch, please add your name below in alphabetical order, and welcome into the Fellowship of the Packaging!

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1.510 prometheus-client-model 0.6.1

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1.515 pyyaml 5.4.1

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1.516 otel-sdk 1.31.0

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1.517 nri 0.8.0

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1.518 python-dotenv 1.0.0

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1.520 otel-exporters-otlp-otlptrace-otlptracegrpc 1.31.0

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1.521 libtiff 4.2.0-1+deb11u6

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1.522 codegangsta-cli 1.22.14

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1.523 libssh 0.9.3-2ubuntu2.5

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1.525 e2fsprogs 1.46.2-2

1.525.1 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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This is the Debian GNU/Linux prepackaged version of the static EXT2
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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files of the EXT2 file system utilities. The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card
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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
+   Copyright (C) Paul `Rusty' Russell   2000

     ** NOTE! The following LGPL license applies to the tdb
     ** library. This does NOT imply that all of Samba is released
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Gadi Oxman, August 1995

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That's all there is to it!
This is the Debian GNU/Linux prepackaged version of the EXT2 file
system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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

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

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1.526 python-setuptools 58.1.0

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1.528 swagger 2.1.9

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1.529 exceptiongroup 1.3.0

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1.531 go-humanize 1.0.0

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1.532 container-device-interface-specs-go 0.8.0

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1.533 opencensus 0.24.0

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1.534 hibernate-validator 6.1.5.Final

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*/
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* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
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*/
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 *
 * @param javaBeanExecutable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */
```

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* /hibernate-validator-6-1-5-final-sources-2-jar/META-INF/maven/org.hibernate.validator/hibernate-validator/pom.xml
* /hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-configuration-1.1.xsd
* /hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-configuration-1.0.xsd
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/overview.html
* /hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-mapping-1.1.xsd
* /hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-mapping-2.0.xsd
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*/
/**
*
* A method-level constraint, that evaluates a script expression against the
* annotated method or constructor. This constraint can be used to implement
* validation routines that depend on several parameters of the annotated
* executable.
*
*
* Script expressions can be written in any scripting or expression language,
* for which a JSR 223
* ("Scripting for the Java^{TM} Platform") compatible engine can be
* found on the classpath. To refer to a parameter within the scripting
* expression, use its name as obtained by the active
* {@link javax.validation.ParameterNameProvider}. The default provider will
* return the
 actual parameter names, if the -parameters compiler option
* has been enabled, and {@code arg0}, {@code arg1} etc. otherwise.
*
*
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
*
* <pre>

```
* {@code @ParameterScriptAssert(script = "start.before(end)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* <p>
* Can be specified on any method or constructor.
* </p>
*
* @author Gunnar Morling
*/
```

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* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/URL.java

* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/ConfigurationImpl.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/Length.java
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jar/org/hibernate/validator/internal/xml/mapping/AbstractOneLineStringStaxBuilder.java
*
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/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlyMapPropertyValueExtractor.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForOffsetDateTime.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/NegativeDef.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredField.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidatorInitializationContext.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/stereotypes/Immutable.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/BeanMetaDataManager.java
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/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/PredefinedScopeConfigurationImpl.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/ArrayOfClassesObjectFormatter.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForOffsetDateTime.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalValueExtractor.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorDescriptor.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationAttribute.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/engine/HibernateConstraintViolation.java

* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/AbstractMultiValuedElementStaxBuilder.java
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/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/EmailDef.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/resourceloading/AggregateResourceBundleLocator.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/DefaultParameterNameProvider.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/LuhnCheckDef.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ConstraintDefinitionContextImpl.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorManagerImpl.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForBigInteger.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/ParameterDescriptorImpl.java
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/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/validationcontext/ExecutableValidationContext.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/FieldConstraintLocation.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/config/BootstrapConfigurationImpl.java
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/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/properties/GetterPropertySelectionStrategy.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalDoubleValueExtractor.java
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* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/ClassConstraintTypeStaxBuilder.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForLong.java

* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/br/package-info.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ParameterConstraintMappingContextImpl.java
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/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadablePartial.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/CascadableConstraintMappingContextImplBase.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/CharArrayValueExtractor.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/AssertTrueDef.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/javabean/package-info.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/resourceloading/PlatformResourceBundleLocator.java
* /hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/ConstraintComposition.java

1.535 aspect-j 1.9.6

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1.536 charset-normalizer 3.3.2

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1.537 audit 2.8.5-2ubuntu6

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1.538 mnuralp-fileutils 0.5.1

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1.539 libxcrypt 1:4.4.18-4

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1.540 jackson-datatype-jdk8 2.11.2

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1.543 libnsl 1.3.0-2

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man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd
man/fgetwln.3bsd
man/fpurge.3bsd
man/funopen.3bsd
man/getbsize.3bsd
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
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src/getbsize.c
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src/arc4random_uniform.c
src/arc4random_unix.h
src/arc4random_win.h
src/closefrom.c
src/getentropy_aix.c
src/getentropy_bsd.c
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1.549 flyway-core 7.3.1

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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/Locations.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/sqlscript/SqlScriptExecutorFactory.java

* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/ResourceNameCache.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/oracle/OracleParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftDatabaseType.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/classpath/jboss/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/base/DatabaseType.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/informix/InformixDatabase.java
*
 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/logging/LogFactory.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sqlserver/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/sqlscript/SqlStatement.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/DateUtils.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/logging/log4j2/Log4j2Log.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftDatabase.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/db2/DB2Table.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/BaselineResult.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/parser/PositionTrackingReader.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/ClasspathClassScanner.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/Location.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/oracle/OracleSchema.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/callback/Warning.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/callback/SimpleContext.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/OperationResult.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sybasease/SybaseASETable.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/configuration/ConfigUtils.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/jdbc/WarningImpl.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/db2/DB2Connection.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/postgresql/PostgreSQLConnection.java
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 /flyway-core-7-3-1-sources-
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/logging/apachecommons/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/derby/DerbyParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/ErrorOutput.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/classpath/JarUtils.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/android/ContextHolder.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sqlite/SQLiteParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/oracle/OracleResults.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/ValidateOutput.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/filesystem/FileSystemScanner.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/ValidateResult.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/authentication/ExternalAuthPropertiesProvider.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/callback/SqlScriptCallbackFactory.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftType.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/authentication/postgres/PgpassFileReader.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sqlite/SQLiteDatabase.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/migration/Context.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resolver/ResolvedMigrationImpl.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resolver/package-info.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/CloseableIterator.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/exception/FlywayDbUpgradeRequiredException.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/h2/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/cockroachdb/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/mysql/MySQLParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/h2/H2DatabaseType.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/derby/DerbyDatabase.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sybasease/package-info.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/AsciiTable.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/jdbc/ExecutionTemplateFactory.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resolver/sql/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/SqlCallable.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/hsqldb/HSQLDBParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/postgresql/PostgreSQLDatabaseType.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/RepairOutput.java
* /flyway-core-7-3-1-sources-
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/db2/DB2Type.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/resolver/package-info.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/MigrationPattern.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/info/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/mysql/MySQLTable.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/saphana/SAPHANADatabase.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/Flyway.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resource/classpath/ClassPathResource.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resource/classpath/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/FlywayException.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/callback/Context.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/migration/JavaMigration.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/RepairResult.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/postgresql/PostgreSQLDatabase.java

* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/schemahistory/SchemaHistory.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/logging/android/AndroidLogCreator.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/informix/InformixTable.java
* /flyway-core-7-3-1-sources-
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/derby/DerbyDatabaseType.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/exception/FlywayValidateException.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/jdbc/StatementInterceptor.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftSchema.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/info/MigrationInfoContext.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/sqlscript/ParserSqlScript.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/resolver/ChecksumMatcher.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/BomFilter.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/callback/Statement.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/jdbc/ErrorImpl.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/logging/LogCreatorFactory.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/migration/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/logging/slf4j/package-info.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sqlserver/SQLServerTable.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/parser/ParserContext.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/logging/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/saphana/SAPHANAParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/CommandResultFactory.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resolver/java/JavaMigrationExecutor.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/snowflake/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/base/Database.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/FileCopyUtils.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/mysql/MySQLNamedLockTemplate.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/hsqldb/HSQLDBDatabase.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/BooleanEvaluator.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/classpath/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/callback/CallbackExecutor.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sqlserver/SQLServerSchema.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/derby/DerbyTable.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/cloud/s3/AwsS3Scanner.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/db2/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resolver/sql/DefaultSqlMigrationExecutorFactory.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/snowflake/SnowflakeParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/logging/javautil/JavaUtilLogCreator.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/oracle/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sqlserver/SQLServerConnection.java

* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/redshift/RedshiftParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resource/StringResource.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resource/gcs/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/parser/PositionTracker.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/jdbc/PlainExecutionTemplate.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resolver/CompositeMigrationResolver.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/classpath/jboss/JBossVFSv2UrlResolver.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/h2/H2Database.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/parser/Statement.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/callback/BaseCallback.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/resolver/ResolvedMigration.java
* /flyway-core-7-3-1-sources-
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/db2/DB2Parser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/firebird/FirebirdTable.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/classpath/ResourceAndClassScanner.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/oracle/OracleConnection.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/DefaultExecutionStrategy.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resource/LoadableResource.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/MigrationType.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/CleanResult.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/ClassUtils.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/logging/apachecommons/ApacheCommonsLog.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/license/FlywayTeamsUpgradeMessage.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/ErrorDetails.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/firebird/FirebirdDatabase.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/db2/DB2DatabaseType.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sqlserver/synapse/SynapseDatabase.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/parser/TokenType.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/AbbreviationUtils.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/ErrorCode.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/hsqldb/HSQLDBTable.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/jdbc/JdbcConnectionFactory.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/base/Connection.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/executor/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/sqlscript/ParsedSqlStatement.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sqlserver/SQLServerDatabase.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/sqlscript/Delimiter.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/base/TestContainersDatabaseType.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/ExceptionUtils.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/saphana/SAPHANAConnection.java
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* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/UrlUtils.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/hsqldb/HSQLDBSchema.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/exception/package-info.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resource/android/AndroidResource.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/parser/PeekingReader.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resolver/ChecksumCalculator.java
* /flyway-core-7-3-1-sources-
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/InfoOutput.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/cockroachdb/CockroachDBParser.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/callback/Error.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resource/Resource.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/resource/gcs/GCSResource.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/scanner/classpath/OsgiClassPathLocationScanner.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/InfoOutputProvider.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/license/FlywayEditionUpgradeRequiredException.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/postgresql/PostgreSQLSchema.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/hsqldb/HSQLDBConnection.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/resolver/Context.java
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 /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/BomStrippingReader.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/api/output/UndoOutput.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/license/FlywayTeamsUpgradeRequiredException.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/DatabaseTypeRegister.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/database/sybasease/SybaseASESchema.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/jdbc/TableLockingExecutionTemplate.java
* /flyway-core-7-3-1-sources-jar/org/flywaydb/core/internal/util/TimeFormat.java
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1.552 antlr 2.7.7

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1.557 coreutils 8.32-4+b1

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1.559 libffi 3.3-6

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1.562 base-files 11.1+deb11u11

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1.564 glib 2.64.6-1~ubuntu20.04.8

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```

Found in path(s):
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/theme/ThemeChangeInterceptor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/tags/form/HiddenInputTag.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
*/
```

Found in path(s):
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/support/RequestDataValueProcessor.java
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```

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* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/HandlerMappingIntrospector.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/FreeMarkerConfigurerBeanDefinitionParser.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/i18n/AcceptHeaderLocaleResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdvice.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerMapping.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/RequestPredicate.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ReactiveTypeHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/AbstractHandlerExceptionResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/ResourceUrlProvider.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/MatchableHandlerMapping.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/support/DefaultHandlerExceptionResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/AbstractHandlerMethodMapping.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/PathResourceLookupFunction.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/MvcUriComponentsBuilder.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/RequestMappingInfoHandlerMapping.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdviceAdapter.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/FrameworkServlet.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/support/RouterFunctionMapping.java
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* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/view/tiles3/SpringLocaleResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/MvcNamespaceHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/ViewResolverComposite.java
*
 /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/Controller.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/StreamingResponseBody.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurerComposite.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/InterceptorsBeanDefinitionParser.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/mvc/condition/RequestCondition.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/ResourceTransformer.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/AbstractTemplateView.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/RequestMatchResult.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/DefaultServletHandlerBeanDefinitionParser.java
*
 /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurerAdapter.java
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* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/CssLinkResourceTransformer.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/DefaultRenderingResponseBuilder.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/ToStringVisitor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/WebContentInterceptor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/RenderingResponse.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/ServletWrappingController.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/DispatcherServlet.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/DefaultRequestToViewNameTranslator.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/condition/AbstractRequestCondition.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/ResourceUrlProviderExposingInterceptor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/i18n/LocaleChangeInterceptor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/VersionResourceResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/AbstractUrlHandlerMapping.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/annotation/DelegatingWebMvcConfiguration.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/DeferredResultMethodReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/SessionAttributeMethodArgumentResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/WebJarsResourceResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/HandlerInterceptor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/script/ScriptTemplateView.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/ServerResponse.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/BeanNameUrlHandlerMapping.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/HandlerFunction.java

* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/annotation/AsyncSupportConfigurer.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/RouterFunctionDsl.kt
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/support/HandlerFunctionAdapter.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/ServerResponseExtensions.kt
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/PathResourceResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/ResourceUrlEncodingFilter.java
*
 /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ViewNameMethodReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/support/RequestContext.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/UrlBasedViewResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletInvocableHandlerMethod.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/AbstractCachingViewResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/CachingResourceResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/script/ScriptTemplateConfig.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/RequestMappingInfoHandlerMethodMappingNamingStrategy.java
*
 /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/MvcNamespaceUtils.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/HandlerExceptionResolverComposite.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/ServerRequestExtensions.kt
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ExceptionHandlerExceptionResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/HandlerFilterFunction.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/StreamingResponseBodyReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/script/ScriptTemplateConfigurer.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurer.java
*
 /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/SimpleUrlHandlerMapping.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMethodArgumentResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/EntityResponse.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/RouterFunction.java

* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/EncodedResourceResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/function/ResourceHandlerFunction.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/annotation/DefaultServletHandlerConfigurer.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ViewMethodReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/CachingResourceTransformer.java
*
/spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/annotation/InterceptorRegistration.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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jar/org/springframework/web/servlet/mvc/ServletForwardingController.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/AbstractUrlBasedView.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/annotation/ResourceHandlerRegistration.java
*
 /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/handler/HandlerInterceptorAdapter.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/ServletWebArgumentResolverAdapter.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/tiles3/TilesView.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/annotation/RedirectViewControllerRegistration.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/annotation/ViewControllerRegistration.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/AsyncTaskMethodReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/CorsBeanDefinitionParser.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/view/groovy/GroovyMarkupView.java
*
 /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/view/script/ScriptTemplateViewResolver.java

* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/SimpleServletPostProcessor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/i18n/AbstractLocaleContextResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/UserRoleAuthorizationInterceptor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/CallableMethodReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/handler/WebRequestHandlerInterceptorAdapter.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/ParameterizableViewController.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RedirectAttributesMethodArgumentResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestAttributeMethodArgumentResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfig.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/support/JstlUtils.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/theme/FixedThemeResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/JsonViewResponseBodyAdvice.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/condition/RequestConditionHolder.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/AsyncHandlerInterceptor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/ThemeResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletModelAttributeMethodProcessor.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/FlashMap.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/support/JspAwareRequestContext.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ModelAndViewResolverMethodReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/feed/AbstractRssFeedView.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/UriComponentsBuilderMethodArgumentResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/tiles3/TilesViewResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/LocaleContextResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/support/RedirectAttributesModelMap.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/JstlView.java
* /spring-webmvc-5-2-24-release-sources-

jar/org/springframework/web/servlet/view/document/AbstractXlsView.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/view/InternalResourceViewResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/InternalResourceView.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/annotation/EnableWebMvc.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/i18n/FixedLocaleResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/theme/SessionThemeResolver.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/HttpHeadersReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/resource/AbstractResourceResolver.java
*
/spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/handler/AbstractHandlerMethodExceptionResolver.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/view/tiles3/SpringWildcardServletTilesApplicationContext.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestDataBinderFactory.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/ResourceResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/LocaleResolver.java
* /spring-webmvc-5-2-24-release-sources-
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* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/config/annotation/ResourceChainRegistration.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/JsonViewRequestBodyAdvice.java
*
/spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/tags/Param.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/ModelAndViewMethodReturnValueHandler.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/i18n/SessionLocaleResolver.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/xslt/XsltViewResolver.java
* /spring-webmvc-5-2-24-release-sources-
jar/org/springframework/web/servlet/RequestToViewNameTranslator.java
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* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/resource/ResourceResolverChain.java
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/spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/view/feed/AbstractAtomFeedView.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/tags/form/LabelTag.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/ViewResolversBeanDefinitionParser.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/TilesConfigurerBeanDefinitionParser.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/config/GroovyMarkupConfigurerBeanDefinitionParser.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyAdvice.java
* /spring-webmvc-5-2-24-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMapMethodArgumentResolver.java

1.566 procfs 0.15.1

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1.569 pflag 1.0.5

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1.574 ehcache-impl 3.8.1

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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/commonslang/reflect/MemberUtils.java
*
 /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/commonslang/ClassUtils.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/commonslang/ArrayUtils.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/commonslang/reflect/MethodUtils.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/concurrent/ThreadLocalRandomUtil.java
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Found in path(s):

* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/portability/SerializerPortability.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/loaderwriter/writebehind/StripedWriteBehind.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/holders/CopiedOnHeapValueHolder.java
*
/ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/copy/ReadWriteCopier.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/Backend.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/spi/loaderwriter/DefaultCacheLoaderWriterProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/config/loaderwriter/writebehind/WriteBehindProviderConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/StoreEvents.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/config/persistence/CacheManagerPersistenceConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/event/package-info.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/AbstractOffHeapStore.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/SimpleBackend.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/store/loaderwriter/LocalWriteBehindLoaderWriterStore.java
*
/ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/CacheEventDispatcherFactoryImpl.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapMapStatistics.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/package-info.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/tiering/TieredStoreProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/resilience/RobustLoaderWriterResilienceStrategy.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/SizedResourcePoolImpl.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/DeleteAllOperation.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/store/BaseStore.java

* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/persistence/DefaultLocalPersistenceService.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/SwitchableEvictionAdvisor.java
*
 /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/holders/LookupOnlyOnHeapKey.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/LongSerializer.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/util/ThreadFactoryUtil.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/persistence/DefaultDiskResourceServiceFactory.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/config/event/CacheEventDispatcherFactoryConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/resilience/RobustResilienceStrategy.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/holders/CopiedOnHeapKey.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/ResourcePoolsImpl.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/config/loaderwriter/DefaultCacheLoaderWriterProviderConfiguration.java
*
 /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/ThreadLocalStoreEventDispatcher.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/holders/BaseOnHeapKey.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/persistence/package-info.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/util/ServiceUtil.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/LazyOffHeapValueHolder.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/store/offheap/portability/OffHeapValueHolderPortability.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/event/DefaultCacheEventListenerConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/UserManagedCacheBuilder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/copy/DefaultCopyProviderConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/disk/DiskWriteThreadPool.java
*
 /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/resilience/AbstractResilienceStrategy.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/store/HashUtils.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/executor/PooledExecutionServiceConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/events/CacheEventAdapter.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/disk/OffHeapDiskStoreProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/CompactJavaSerializer.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/persistence/DefaultDiskResourceService.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/TransientStateRepository.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/ClassInstanceConfiguration.java
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 /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/holders/OnHeapValueHolder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/OnDemandExecutionService.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/loaderwriter/writebehind/BatchingLocalHeapWriteBehindQueue.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/InvocationScopedEventSink.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/SingleOperation.java

* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/persistence/UserManagedPersistenceContext.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/config/loaderwriter/DefaultCacheLoaderWriterConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/FudgingInvocationScopedEventSink.java
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/ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/sizeof/NoopSizeOfEngine.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/tiering/TieredStore.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/HeuristicConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/basic/NopStore.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/ExpiryPolicyBuilder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/factories/EhcacheSegmentFactory.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/persistence/FileUtils.java
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/ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/serialization/DefaultSerializationProvider.java
* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/copy/DefaultCopyProvider.java
* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/BasicOffHeapValueHolder.java
* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/DisabledCacheEventNotificationService.java
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* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/PartitionedUnorderedExecutor.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/store/heap/DefaultSizeOfEngineConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/TimeSourceConfiguration.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/loaderwriter/LoaderWriterValueHolder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/events/package-info.java

* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/KeyCopyBackend.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/spi/serialization/DefaultSerializationProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/CacheEventListenerConfigurationBuilder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/PooledExecutionServiceConfigurationBuilder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/BinaryValueHolder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/CloseableStoreEventSink.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/persistence/package-info.java
*
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/copy/SerializingCopier.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/TransientStateHolder.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/copy/DefaultCopyProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/loaderwriter/LoaderWriterStoreProvider.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/loaderwriter/writebehind/WriteBehind.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/concurrent/EvictingConcurrentMap.java
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* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/ByteArraySerializer.java
* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/holders/OnHeapKey.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapStoreProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/ClassInstanceProviderConfiguration.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/resilience/DefaultResilienceStrategyProvider.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/ConfigurationBuilder.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/config/event/DefaultCacheEventDispatcherConfiguration.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/loaderwriter/writebehind/NonBatchingLocalHeapWriteBehindQueue.java

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 /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/AbstractResourcePool.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/tiering/CompoundCachingTier.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/PooledExecutionService.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/sizeof/DefaultSizeOfEngineProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/store/disk/EhcachePersistentConcurrentOffHeapClockCache.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/copy/DefaultCopierConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapStore.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/WriteBehindConfigurationBuilder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/BaseCacheConfiguration.java
*
 /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/PlainJavaSerializer.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/FloatSerializer.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/FireableStoreEventHolder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/disk/OffHeapDiskStore.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/AbstractStoreEventDispatcher.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/loaderwriter/LocalLoaderWriterStore.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/event/DefaultCacheEventListenerProvider.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/sizeof/DefaultSizeOfEngine.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/spi/event/DefaultCacheEventListenerProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/serializer/package-info.java
*
 /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/StringSerializer.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/config/loaderwriter/writebehind/DefaultBatchingConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/CacheConfigurationBuilder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/events/EventDispatchTask.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/store/heap/holders/SerializedOnHeapValueHolder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/store/disk/package-info.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/OnHeapStore.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/ClassInstanceProvider.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/CharSerializer.java
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jar/org/ehcache/impl/internal/store/offheap/EhcacheConcurrentOffHeapClockCache.java
* /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/sizeof/listeners/exceptions/VisitorListenerException.java
*
 /ehcache-impl-3-8-1-sources-1-
jar/org/ehcache/impl/internal/store/tiering/CompoundCachingTierProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/CacheManagerBuilder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/copy/IdentityCopier.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/OnHeapStrategy.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/serializer/DefaultSerializerConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/IntegerSerializer.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapStoreUtils.java

* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/store/heap/DefaultSizeOfEngineProviderConfiguration.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/StoreEventImpl.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/CacheManagerConfiguration.java
*
/ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/PartitionedOrderedExecutor.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/config/builders/ResourcePoolsBuilder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/PartitionedScheduledExecutor.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/KeyBasedOperation.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/copy/package-info.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/store/heap/package-info.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/DefaultTimeSourceService.java
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* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/store/disk/OffHeapDiskStoreConfiguration.java
*
/ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/events/CacheEventDispatcherImpl.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapValueHolder.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/serialization/DoubleSerializer.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/config/loaderwriter/package-info.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/resilience/DefaultResilienceStrategyProviderFactory.java
* /ehcache-impl-3-8-1-sources-1-jar/org/ehcache/impl/internal/util/Pacer.java

1.575 icu 67.1-7

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## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =
```

```
## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation
 rules
%.$(STATIC_O): $(srcdir)/%.c
 $(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
 $(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
 $(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
 $(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<


## Dependency rules
%.d: $(srcdir)/%.c
 @echo "generating dependency information for $<"
 @$(SHELL) -ec '$(GEN_DEPS.c) $< \
  | sed '\"s/\($*\)\.o[ :]*/\1.o $@ : /g'\" > $@; \
  [ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
 @echo "generating dependency information for $<"
 @$(SHELL) -ec '$(GEN_DEPS.cc) $< \
  | sed '\"s/\($*\)\.o[ :]*/\1.o $@ : /g'\" > $@; \
  [ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
 $(RM) $@ && ln -s ${<F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
 $(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@
```

Bind internal references

LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

Dependencies [i.e. map files] for the final library
BIR_DEPS=

Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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1.583 libsemanage-common 3.1-1

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1.588 ncurses 6.2+20201114-2+deb11u2

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1.589 go-capability 0.0.0-20200815063812-42c35b437635

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1.595 urllib3 1.26.15

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OpenLDAP

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OpenLDAP as a shared library only, I have not heard of anyone that ships
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libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

1.599 go-connections 0.5.0

1.599.1 Available under license :

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1.600 libcap-ng 0.7.9-2.1build1

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* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/pool/ProxyLeakTaskFactory.java
* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/pool/ProxyConnection.java
* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/util/JavassistProxyFactory.java
*
/hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/util/FastList.java
* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/util/DriverDataSource.java
* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/metrics/prometheus/HikariCPCollector.java
* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/pool/ProxyLeakTask.java
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* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/pool/ProxyFactory.java
* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/util/SuspendResumeLock.java
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* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/metrics/MetricsTrackerFactory.java
* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/HikariJNDIFactory.java
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* /hikaricp-3-4-5-sources-1-jar/com/zaxxer/hikari/HikariPoolMXBean.java
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1.607 x-text 0.19.0

1.607.1 Available under license :

```
package notify

import (
 "fmt"
 "strings"
)

// FilePermission is a bit-mask of apparmor permissions in relation to files.
// It is applicable to messages with the class of AA_CLASS_FILE.
type FilePermission uint32

const (
 // AA_MAY_EXEC implies that a process has a permission to execute another
 // program. The specific details of the program are not conveyed.
 AA_MAY_EXEC FilePermission = 1 << iota
 // AA_MAY_WRITE implies that a process may write to a file or socket, or
 // may modify directory contents.
 AA_MAY_WRITE
 // AA_MAY_READ implies that a process may read from a file or socket, or
 // may enumerate directory contents.
 AA_MAY_READ
```

```
// AA_MAY_APPEND implies that a process may open a file in append mode.
AA_MAY_APPEND
// AA_MAY_CREATE implies that a process may create a new file.
AA_MAY_CREATE
// AA_MAY_DELETE implies that a process may delete a file, directory,
// symbolic link or socket.
AA_MAY_DELETE
// AA_MAY_OPEN implies that a process may open a file or directory.
The
// additional presence of AA_MAY_WRITE or AA_MAY_READ grants specific type
// of access.
AA_MAY_OPEN
// AA_MAY_RENAME implies that a process may rename a file.
AA_MAY_RENAME
// AA_MAY_SETATTR is not checked by the kernel.
AA_MAY_SETATTR
// AA_MAY_GETATTR is not checked by the kernel.
AA_MAY_GETATTR
// AA_MAY_SETCRED is not used in the kernel.
AA_MAY_SETCRED
// AA_MAY_GETCRED is not used in the kernel.
AA_MAY_GETCRED
// AA_MAY_CHMOD implies that a process may change UNIX file permissions.
AA_MAY_CHMOD
// AA_MAY_CHOWN implies that a process may change file ownership.
AA_MAY_CHOWN
// AA_MAY_CHGRP implies that a process may change the group ownership of a
// file. The C-level macro is not defined in any userspace header but is
// already supported and reported by the kernel.
AA_MAY_CHGRP
// AA_MAY_LOCK implies that a process may perform fcntl locking operations
// on a file.
AA_MAY_LOCK
// AA_EXEC_MMAP implies that a process may execute code from an page
//
memory-mapped from a file.
AA_EXEC_MMAP

// There are additional permissions defined in the kernel but it seems some
// of those are unused and their exact scope and meaning is unclear.

// AA_MAY_LINK implies that a process may create a hard link. Their
// associated file information describes the hard link name, not the
// original file.
AA_MAY_LINK FilePermission = 1 << 18
// AA_MAY_ONEXEC implies that a process may change the apparmor profile on
// the next exec call.
AA_MAY_ONEXEC FilePermission = 1 << 29
```

```
 // AA_MAY_CHANGE_PROFILE implies that a process may change the apparmor
 // profile on demand.
 AA_MAY_CHANGE_PROFILE FilePermission = 1 << 30
)

const filePermissionMask = (AA_MAY_EXEC | AA_MAY_WRITE | AA_MAY_READ |
 AA_MAY_APPEND | AA_MAY_CREATE | AA_MAY_DELETE | AA_MAY_OPEN |
 AA_MAY_RENAME | AA_MAY_SETATTR | AA_MAY_GETATTR | AA_MAY_SETCRED |
 AA_MAY_GETCRED | AA_MAY_CHMOD | AA_MAY_CHOWN | AA_MAY_CHGRP |
 AA_MAY_LOCK | AA_EXEC_MMAP | AA_MAY_LINK | AA_MAY_ONEXEC |
 AA_MAY_CHANGE_PROFILE)

//
 String returns readable representation of the file permission value.
func (p FilePermission) String() string {
 frags := make([]string, 0, 21)
 if p&AA_MAY_EXEC != 0 {
  frags = append(frags, "execute")
 }
 if p&AA_MAY_WRITE != 0 {
  frags = append(frags, "write")
 }
 if p&AA_MAY_READ != 0 {
  frags = append(frags, "read")
 }
 if p&AA_MAY_APPEND != 0 {
  frags = append(frags, "append")
 }
 if p&AA_MAY_CREATE != 0 {
  frags = append(frags, "create")
 }
 if p&AA_MAY_DELETE != 0 {
  frags = append(frags, "delete")
 }
 if p&AA_MAY_OPEN != 0 {
  frags = append(frags, "open")
 }
 if p&AA_MAY_RENAME != 0 {
  frags = append(frags, "rename")
 }
 if p&AA_MAY_SETATTR != 0 {
  frags = append(frags, "set-attr")
 }
 if p&AA_MAY_GETATTR != 0 {
  frags = append(frags, "get-attr")
 }
 if p&AA_MAY_SETCRED != 0 {
  frags = append(frags, "set-cred")
```

```
 }
 if p&AA_MAY_GETCRED != 0 {
  frags = append(frags, "get-cred")
 }
 if p&AA_MAY_CHMOD != 0 {
  frags = append(frags, "change-mode")
 }
 if
 p&AA_MAY_CHOWN != 0 {
  frags = append(frags, "change-owner")
 }
 if p&AA_MAY_CHGRP != 0 {
  frags = append(frags, "change-group")
 }
 if p&AA_MAY_LOCK != 0 {
  frags = append(frags, "lock")
 }
 if p&AA_EXEC_MMAP != 0 {
  frags = append(frags, "execute-map")
 }
 if p&AA_MAY_LINK != 0 {
  frags = append(frags, "link")
 }
 if p&AA_MAY_ONEXEC != 0 {
  frags = append(frags, "change-profile-on-exec")
 }
 if p&AA_MAY_CHANGE_PROFILE != 0 {
  frags = append(frags, "change-profile")
 }
 if residue := p &^ filePermissionMask; residue != 0 {
  frags = append(frags, fmt.Sprintf("%#x", uint(residue)))
 }
 if len(frags) == 0 {
  return "none"
 }
 return strings.Join(frags, "|")
}

// IsValid returns true if the given file permission contains only known bits set.
func (p FilePermission) IsValid() bool {
 return p & ^filePermissionMask == 0
}
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: snappy
Source: https://github.com/snapcore/snapd

Files: *
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```

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*
*/

package spdx

// From https://spdx.org/licenses/
// data files: https://github.com/spdx/license-list-data
// Version: 3.11 2020-11-25
//
// jq < json/licenses.json '.licenses | .[] | select(.isOsiApproved == true) | .licenseId' | sort | sed -e 's/$/,/'
//
//nolint:unused
var osi = []string{
 "0BSD",
 "AAL",
 "AFL-1.1",
```

"AFL-1.2",
"AFL-2.0",
"AFL-2.1",
"AFL-3.0",
"AGPL-3.0",
"AGPL-3.0-only",
"AGPL-3.0-or-later",
"Apache-1.1",
"Apache-2.0",
"APL-1.0",
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"APSL-2.0",
"Artistic-1.0",
"Artistic-1.0-cl8",
"Artistic-1.0-Perl",
"Artistic-2.0",
"BSD-1-Clause",
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"BSD-2-Clause-Patent",
"BSD-3-Clause",
"BSD-3-Clause-LBNL",
"BSL-1.0",
"CAL-1.0",
"CAL-1.0-Combined-Work-Exception",
"CATOSL-1.1",
"CDDL-1.0",
"CECILL-2.1",
"CNRI-Python",
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"Entessa",
"EPL-1.0",
"EPL-2.0",
"EUDatagrid",
"EUPL-1.1",
"EUPL-1.2",
"Fair",
"Frameworx-1.0",
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"GPL-3.0-only",
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"GPL-3.0-with-GCC-exception",
"HPND",
"Intel",
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"LGPL-3.0-or-later",
"LiLiQ-P-1.1",
"LiLiQ-R-1.1",
"LiLiQ-Rplus-1.1",
"LPL-1.0",
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"MirOS",
"MIT",
"MIT-0",
"Motosoto",
"MPL-1.0",
"MPL-1.1",
"MPL-2.0",
"MPL-2.0-no-copyleft-exception",
"MS-PL",
"MS-RL",
"MulanPSL-2.0",
"Multics",
"NASA-1.3",
"Naumen",
"NCSA",
"NGPL",
"Nokia",
"NPOSL-3.0",
"NTP",

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 "OCLC-2.0",
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 "SISSL",
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 "UCL-1.0",
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 "Unlicense",
 "UPL-1.0",
 "VSL-1.0",
 "W3C",
 "Watcom-1.0",
 "Xnet",
 "Zlib",
 "ZPL-2.0",
}

//
 using SPDX license data:
// jq < json/licenses.json '.licenses | .[] | .licenseId' | sort | sed -e 's/$/,/'
 var allLicenses = []string{
 "0BSD",
 "AAL",
 "Abstyles",
 "Adobe-2006",
 "Adobe-Glyph",
 "ADSL",
 "AFL-1.1",
 "AFL-1.2",
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"AFL-2.0",
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"Aladdin",
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"AML",
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"BlueOak-1.0.0",
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"BSD-3-Clause-LBNL",
"BSD-3-Clause-No-Nuclear-License",

"BSD-3-Clause-No-Nuclear-License-2014",
"BSD-3-Clause-No-Nuclear-Warranty",
"BSD-3-Clause-Open-MPI",
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"CECILL-B",
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"LiLiQ-R-1.1",
"LiLiQ-Rplus-1.1",
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"MirOS",
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"MIT-0",
"MIT-advertising",
"MIT-CMU",
"MIT-enna",
"MIT-feh",
"MITNFA",
"MIT-open-group",
"Motosoto",
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"RSCPL",
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"SGI-B-2.0",
"SHL-0.5",
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"SISSL-1.2",

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"Spencer-94",
"Spencer-99",
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"SSH-OpenSSH",
"SSH-short",
"SSPL-1.0",
"StandardML-NJ",
"SugarCRM-1.1.3",
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"TU-Berlin-2.0",
"UCL-1.0",
"Unicode-DFS-2015",
"Unicode-DFS-2016",
"Unicode-TOU",
"Unlicense",
"UPL-1.0",
"Vim",
"VOSTROM",
"VSL-1.0",
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"WTFPL",
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"xinetd",
"Xnet",
"xpp",
"XSkat",
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"Zend-2.0",
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"Zimbra-1.4",
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"ZPL-1.1",
"ZPL-2.0",
"ZPL-2.1",

//
FIXME: non SPDX licenses that the snapstore uses
"Proprietary",
}

// from
https://www.google.com/url?q=https://docs.google.com/a/s.sfusd.edu/document/d/1wE_zvLU4c291ACi9wIJmQoE4ltKRW4rzM1TYiIvEVOs/edit?pli%3D1%23heading%3Dh.ruv3yl8g6czd&sa=D&ust=1473291615601000&usg=AFQjCNFyLcPLdEarX1TOesGWxg9Afb57mA
var
licenseExceptions = []string{
"Autoconf-exception-2.0",
"Autoconf-exception-3.0",
"Bison-exception-2.2",
"Classpath-exception-2.0",
"eCos-exception-2.0",
"Font-exception-2.0",
"GCC-exception-2.0",
"GCC-exception-3.1",
"WxWindows-exception-3.1",
}

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Version 3, 29 June 2007

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share and change all versions of a program--to make sure it remains free
software for all its users. We, the Free Software Foundation, use the
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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.

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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.

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localtime.go, localtime_test.go:

Originals:
https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil.go
https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil_test.go
Changes:

* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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1.618 urllib3 1.26.14

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1.619 python-certifi 2022.12.07

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

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

1.620 console 1.0.4

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1.621 log4j-api 2.13.3

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1.622 smetrics 0.0.0-20240521201337-686a1a2994c1

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1.623 nio-stream-storage 1.1.3

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* /nio-stream-storage-1-1-3-sources-jar/org/synchronoss/cloud/nio/stream/storage/NameAwarePurgableFileInputStream.java

1.624 x-exp 0.0.0-20231214170342-aacd6d4b4611

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
```

```
package compute

import (
 "bytes"
 "context"
 "fmt"
 "io"
 "math"
 "net/http"
 "net/url"
 "time"

 computepb "cloud.google.com/go/compute/apiv1/computepb"
 gax "github.com/googleapis/gax-go/v2"
 "google.golang.org/api/googleapi"
 "google.golang.org/api/iterator"
 "google.golang.org/api/option"
 "google.golang.org/api/option/internaloption"
 httptransport
 "google.golang.org/api/transport/http"
 "google.golang.org/grpc"
 "google.golang.org/protobuf/encoding/protojson"
 "google.golang.org/protobuf/proto"
)

var newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
 Delete            []gax.CallOption
 Get               []gax.CallOption
 GetIamPolicy      []gax.CallOption
 Insert            []gax.CallOption
 List              []gax.CallOption
 SetIamPolicy      []gax.CallOption
 TestIamPermissions []gax.CallOption
}

func defaultLicensesRESTCallOptions() *LicensesCallOptions {
 return &LicensesCallOptions{
  Delete: []gax.CallOption{
   gax.WithTimeout(600000 * time.Millisecond),
  },
  Get: []gax.CallOption{
   gax.WithTimeout(600000 * time.Millisecond),
   gax.WithRetry(func() gax.Retryer {
    return gax.OnHTTPCodes(gax.Backoff{
     Initial:    100 * time.Millisecond,
```

```
    Max:        60000 * time.Millisecond,
    Multiplier: 1.30,
   },
   http.StatusGatewayTimeout,
   http.StatusServiceUnavailable)
  }),
 },
 GetIamPolicy:
[]gax.CallOption{
  gax.WithTimeout(600000 * time.Millisecond),
  gax.WithRetry(func() gax.Retryer {
   return gax.OnHTTPCodes(gax.Backoff{
    Initial:    100 * time.Millisecond,
    Max:        60000 * time.Millisecond,
    Multiplier: 1.30,
   },
   http.StatusGatewayTimeout,
   http.StatusServiceUnavailable)
  }),
 },
 Insert: []gax.CallOption{
  gax.WithTimeout(600000 * time.Millisecond),
 },
 List: []gax.CallOption{
  gax.WithTimeout(600000 * time.Millisecond),
  gax.WithRetry(func() gax.Retryer {
   return gax.OnHTTPCodes(gax.Backoff{
    Initial:    100 * time.Millisecond,
    Max:        60000 * time.Millisecond,
    Multiplier: 1.30,
   },
   http.StatusGatewayTimeout,
   http.StatusServiceUnavailable)
  }),
 },
 SetIamPolicy: []gax.CallOption{
  gax.WithTimeout(600000 * time.Millisecond),
 },
 TestIamPermissions: []gax.CallOption{
  gax.WithTimeout(600000
* time.Millisecond),
 },
}
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
 Close() error
```

```
 setGoogleClientInfo(...string)
 Connection() *grpc.ClientConn
 Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
 Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption) (*computepb.License, error)
 GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
 Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
 List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
 SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
 TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse,
 error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The Licenses API.
type LicensesClient struct {
 // The internal transport-dependent client.
 internalClient internalLicensesClient

 // The call options for this service.
 CallOptions *LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
 return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
 c.internalClient.setGoogleClientInfo(keyval...)
}

//
 Connection returns a connection to the API service.
//
// Deprecated: Connections are now pooled so this method does not always
// return the same resource.
```

```
func (c *LicensesClient) Connection() *grpc.ClientConn {
 return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption) (*Operation, error) {
 return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption) (*computepb.License, error) {
 return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy
 for a resource. May be empty if no such policy or resource exists. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts ...gax.CallOption) (*computepb.Policy, error) {
 return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption) (*Operation, error) {
 return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
 list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption) *LicenseIterator {
 return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts ...gax.CallOption) (*computepb.Policy, error) {
 return c.internalClient.SetIamPolicy(ctx, req, opts...)
```

```
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use
 only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req *computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse, error) {
 return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with method calls.
type licensesRESTClient struct {
 // The http endpoint to connect to.
 endpoint string

 // The http client.
 httpClient *http.Client

 // operationClient is used to call the operation-specific management service.
 operationClient *GlobalOperationsClient

 // The x-goog-* headers to be sent with each request.
 xGoogHeaders []string

 // Points back to the CallOptions field of the containing LicensesClient
 CallOptions **LicensesCallOptions
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx
 context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
 clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
 httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
 if err != nil {
  return nil, err
 }

 callOpts := defaultLicensesRESTCallOptions()
 c := &licensesRESTClient{
  endpoint:    endpoint,
  httpClient:  httpClient,
  CallOptions: &callOpts,
 }
 c.setGoogleClientInfo()
```

```
 o := []option.ClientOption{
  option.WithHTTPClient(httpClient),
  option.WithEndpoint(endpoint),
 }
 opC, err := NewGlobalOperationsRESTClient(ctx, o...)
 if err != nil {
  return nil, err
 }
 c.operationClient = opC

 return &LicensesClient{internalClient: c, CallOptions: callOpts}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
 return []option.ClientOption{
  internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
  internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
  internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
  internaloption.WithDefaultScopes(DefaultAuthScopes()...),
 }
}

//
 setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
 kv := append([]string{"gl-go", gax.GoVersion}, keyval...)
 kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
 c.xGoogHeaders = []string{"x-goog-api-client", gax.XGoogHeader(kv...)}
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
 // Replace httpClient with nil to force cleanup.
 c.httpClient = nil
 if err := c.operationClient.Close(); err != nil {
  return err
 }
 return nil
}

// Connection returns a connection to the API service.
//
// Deprecated: This method always returns
```

```
 nil.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
 return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption) (*Operation, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

 params := url.Values{}
 if req != nil && req.RequestId != nil {
  params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
 }

 baseUrl.RawQuery = params.Encode()

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project", url.QueryEscape(req.GetProject()), "license", url.QueryEscape(req.GetLicense()))}

 hds = append(c.xGoogHeaders, hds...)
 hds
 = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts = append((*c.CallOptions).Delete[0:len((*c.CallOptions).Delete):len((*c.CallOptions).Delete)], opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Operation{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
```

```
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return nil
 }, opts...)
 if e != nil
 {
  return nil, e
 }
 op := &Operation{
  &globalOperationsHandle{
   c:       c.operationClient,
   proto:   resp,
   project: req.GetProject(),
  },
 }
 return op, nil
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "license", url.QueryEscape(req.GetLicense()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx,
```

```
 hds...)
 opts = append((*c.CallOptions).Get[0:len((*c.CallOptions).Get):len((*c.CallOptions).Get)], opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.License{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return err
  }

  return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// GetIamPolicy gets the access control policy for
 a resource. May be empty if no such policy or resource exists. Caution This resource is intended for use only by
third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
 baseUrl, err := url.Parse(c.endpoint)
```

```
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

 params := url.Values{}
 if req != nil && req.OptionsRequestedPolicyVersion != nil {
  params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
 }

 baseUrl.RawQuery = params.Encode()

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource()))}

 hds
 = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts =
append((*c.CallOptions).GetIamPolicy[0:len((*c.CallOptions).GetIamPolicy):len((*c.CallOptions).GetIamPolicy)],
opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Policy{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
```

```
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return
nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetLicenseResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

 params := url.Values{}
 if req != nil && req.RequestId != nil {
  params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
 }

 baseUrl.RawQuery = params.Encode()

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v",
 "project", url.QueryEscape(req.GetProject()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
```

```
opts = append((*c.CallOptions).Insert[0:len((*c.CallOptions).Insert):len((*c.CallOptions).Insert)], opts...)
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &computepb.Operation{}
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
 if settings.Path != "" {
  baseUrl.Path = settings.Path
 }
 httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
 if err != nil {
  return err
 }
 httpReq = httpReq.WithContext(ctx)
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return
err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return nil
}, opts...)
if e != nil {
 return nil, e
}
op := &Operation{
 &globalOperationsHandle{
  c:       c.operationClient,
  proto:   resp,
  project: req.GetProject(),
 },
}
return op, nil
}
```

```
// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
 it := &LicenseIterator{}
 req = proto.Clone(req).(*computepb.ListLicensesRequest)
 unm
 := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
  resp := &computepb.LicensesListResponse{}
  if pageToken != "" {
   req.PageToken = proto.String(pageToken)
  }
  if pageSize > math.MaxInt32 {
   req.MaxResults = proto.Uint32(math.MaxInt32)
  } else if pageSize != 0 {
   req.MaxResults = proto.Uint32(uint32(pageSize))
  }
  baseUrl, err := url.Parse(c.endpoint)
  if err != nil {
   return nil, "", err
  }
  baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

  params := url.Values{}
  if req != nil && req.Filter != nil {
   params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
  }
  if req != nil && req.MaxResults != nil {
   params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
  }
  if req != nil && req.OrderBy != nil {
   params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
  }
  if req !=
 nil && req.PageToken != nil {
   params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
  }
  if req != nil && req.ReturnPartialSuccess != nil {
   params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
  }

  baseUrl.RawQuery = params.Encode()
```

```
 // Build HTTP headers from client and context metadata.
 hds := append(c.xGoogHeaders, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
  if err != nil {
   return
err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return err
  }

  return nil
 }, opts...)
 if e != nil {
  return nil, "", e
 }
 it.Response = resp
 return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
 items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
 if err != nil {
  return "", err
 }
 it.items = append(it.items, items...)
```

```
 return nextPageToken, nil
 }

 it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
 it.pageInfo.MaxSize = int(req.GetMaxResults())
 it.pageInfo.Token = req.GetPageToken()

 return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption)
 (*computepb.Policy, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetGlobalSetPolicyRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts =
append((*c.CallOptions).SetIamPolicy[0:len((*c.CallOptions).SetIamPolicy):len((*c.CallOptions).SetIamPolicy)],
opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Policy{}
 e
 := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
  if err != nil {
```

```
  return err
 }
 httpReq = httpReq.WithContext(ctx)
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx
 context.Context, req *computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetTestPermissionsRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
```

```
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts =
append((*c.CallOptions).TestIamPermissions[0:len((*c.CallOptions).TestIamPermissions):len((*c.CallOptions).Tes
tIamPermissions)],
 opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.TestPermissionsResponse{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return err
  }

  return nil
 }, opts...)
```

```
 if e != nil {
  return nil, e
 }
 return resp, nil
}
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package compute

import (
 "bytes"
 "context"
 "fmt"
 "io"
 "net/http"
 "net/url"
 "time"

 computepb "cloud.google.com/go/compute/apiv1/computepb"
 gax "github.com/googleapis/gax-go/v2"
 "google.golang.org/api/googleapi"
 "google.golang.org/api/option"
 "google.golang.org/api/option/internaloption"
 httptransport "google.golang.org/api/transport/http"
 "google.golang.org/grpc"
 "google.golang.org/protobuf/encoding/protojson"
)

var
 newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
 Get               []gax.CallOption
```

```
 TestIamPermissions []gax.CallOption
}

func defaultLicenseCodesRESTCallOptions() *LicenseCodesCallOptions {
 return &LicenseCodesCallOptions{
  Get: []gax.CallOption{
   gax.WithTimeout(600000 * time.Millisecond),
   gax.WithRetry(func() gax.Retryer {
    return gax.OnHTTPCodes(gax.Backoff{
     Initial:    100 * time.Millisecond,
     Max:        60000 * time.Millisecond,
     Multiplier: 1.30,
    },
     http.StatusGatewayTimeout,
     http.StatusServiceUnavailable)
   }),
  },
  TestIamPermissions: []gax.CallOption{
   gax.WithTimeout(600000 * time.Millisecond),
  },
 }
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient
 interface {
 Close() error
 setGoogleClientInfo(...string)
 Connection() *grpc.ClientConn
 Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
 TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
 // The internal transport-dependent client.
 internalClient internalLicenseCodesClient

 // The call options for this service.
 CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.
```

```
// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient)
 Close() error {
 return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
 c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated: Connections are now pooled so this method does not always
// return the same resource.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
 return c.internalClient.Connection()
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode,
 error) {
 return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
 return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licenseCodesRESTClient struct {
 // The http endpoint to connect to.
 endpoint string

 // The http client.
 httpClient *http.Client
```

```
 // The x-goog-* headers to be sent with each request.
 xGoogHeaders []string

 // Points back to the CallOptions field of the containing LicenseCodesClient
 CallOptions **LicenseCodesCallOptions
}

// NewLicenseCodesRESTClient
 creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
 clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
 httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
 if err != nil {
  return nil, err
 }

 callOpts := defaultLicenseCodesRESTCallOptions()
 c := &licenseCodesRESTClient{
  endpoint:    endpoint,
  httpClient:  httpClient,
  CallOptions: &callOpts,
 }
 c.setGoogleClientInfo()

 return &LicenseCodesClient{internalClient: c, CallOptions: callOpts}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
 return []option.ClientOption{
  internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
  internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
  internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
  internaloption.WithDefaultScopes(DefaultAuthScopes()...),
 }
}

//
 setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
 kv := append([]string{"gl-go", gax.GoVersion}, keyval...)
 kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
 c.xGoogHeaders = []string{"x-goog-api-client", gax.XGoogHeader(kv...)}
}
```

```
// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
 // Replace httpClient with nil to force cleanup.
 c.httpClient = nil
 return nil
}

// Connection returns a connection to the API service.
//
// Deprecated: This method always returns nil.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
 return nil
}

// Get return a specified license code. License codes are
 mirrored across all projects that have permissions to read the License Code. Caution This resource is intended for
use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "license_code", url.QueryEscape(req.GetLicenseCode()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts = append((*c.CallOptions).Get[0:len((*c.CallOptions).Get):len((*c.CallOptions).Get)], opts...)
 unm
 := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.LicenseCode{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
```

```
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := io.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return err
 }

 return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners
 who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetTestPermissionsRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())
```

```
 // Build HTTP headers from client and context metadata.
 hds := []string{"x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource()))}

 hds = append(c.xGoogHeaders, hds...)
 hds = append(hds, "Content-Type", "application/json")
 headers := gax.BuildHeaders(ctx, hds...)
 opts =
append((*c.CallOptions).TestIamPermissions[0:len((*c.CallOptions).TestIamPermissions):len((*c.CallOptions).Tes
tIamPermissions)],
 opts...)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.TestPermissionsResponse{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := io.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return err
  }

  return nil
 }, opts...)
 if e != nil {
  return nil, e
```

```
 }
 return resp, nil
}
```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
 "context"

 compute "cloud.google.com/go/compute/apiv1"
 computepb "cloud.google.com/go/compute/apiv1/computepb"
 "google.golang.org/api/iterator"
)

func ExampleNewLicensesRESTClient() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will
 require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 // TODO: Use client.
 _ = c
}

func ExampleLicensesClient_Delete() {
 ctx := context.Background()
```

```
// This snippet has been automatically generated and should be regarded as a code template only.
// It will require modifications to work:
// - It may require correct/in-range values for request initialization.
// - It may require specifying regional endpoints when creating the service client as shown in:
//   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
}
defer c.Close()

req := &computepb.DeleteLicenseRequest{
 //
TODO: Fill request struct fields.
 // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#DeleteLicenseRequest.
}
op, err := c.Delete(ctx, req)
if err != nil {
 // TODO: Handle error.
}

err = op.Wait(ctx)
if err != nil {
 // TODO: Handle error.
}
}

func ExampleLicensesClient_Get() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.GetLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#GetLicenseRequest.
 }
 resp,
 err := c.Get(ctx, req)
 if err != nil {
  // TODO: Handle error.
```

```
 }
 // TODO: Use resp.
 _ = resp
}

func ExampleLicensesClient_GetIamPolicy() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.GetIamPolicyLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#GetIamPolicyLicenseRequest.
 }
 resp, err := c.GetIamPolicy(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}

func ExampleLicensesClient_Insert()
 {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.InsertLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#InsertLicenseRequest.
 }
```

```
 op, err := c.Insert(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }

 err = op.Wait(ctx)
 if err != nil {
  // TODO: Handle error.
 }
}

func ExampleLicensesClient_List() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template
 only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.ListLicensesRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#ListLicensesRequest.
 }
 it := c.List(ctx, req)
 for {
  resp, err := it.Next()
  if err == iterator.Done {
   break
  }
  if err != nil {
   // TODO: Handle error.
  }
  // TODO: Use resp.
  _ = resp
 }
}

func ExampleLicensesClient_SetIamPolicy() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range
```

```
 values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.SetIamPolicyLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#SetIamPolicyLicenseRequest.
 }
 resp, err := c.SetIamPolicy(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}

func ExampleLicensesClient_TestIamPermissions() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown
 in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.TestIamPermissionsLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#TestIamPermissionsLicenseRequest.
 }
 resp, err := c.TestIamPermissions(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}
// Copyright 2023 Google LLC
//
```

```
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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
 "context"

 compute "cloud.google.com/go/compute/apiv1"
 computepb "cloud.google.com/go/compute/apiv1/computepb"
)

func ExampleNewLicenseCodesRESTClient() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 //
 - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicenseCodesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 // TODO: Use client.
 _ = c
}

func ExampleLicenseCodesClient_Get() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
```

```
 c, err := compute.NewLicenseCodesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.GetLicenseCodeRequest{
  // TODO: Fill request
 struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#GetLicenseCodeRequest.
 }
 resp, err := c.Get(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
 ctx := context.Background()
 // This snippet has been automatically generated and should be regarded as a code template only.
 // It will require modifications to work:
 // - It may require correct/in-range values for request initialization.
 // - It may require specifying regional endpoints when creating the service client as shown in:
 //   https://pkg.go.dev/cloud.google.com/go#hdr-Client_Options
 c, err := compute.NewLicenseCodesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.TestIamPermissionsLicenseCodeRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/cloud.google.com/go/compute/apiv1/computepb#TestIamPermissionsLicenseCodeRequest.
 }
 resp,
 err := c.TestIamPermissions(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}
// Copyright 2023 Google LLC
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```

```
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// Code generated by protoc-gen-go. DO NOT EDIT.
// versions:
//  protoc-gen-go v1.31.0
//  protoc        v4.23.2
// source: google/ai/generativelanguage/v1beta/permission.proto

package generativelanguagepb

import (
 reflect "reflect"
 sync "sync"

 _ "google.golang.org/genproto/googleapis/api/annotations"
 protoreflect "google.golang.org/protobuf/reflect/protoreflect"
 protoimpl "google.golang.org/protobuf/runtime/protoimpl"
)

const
 (
 // Verify that this generated code is sufficiently up-to-date.
 _ = protoimpl.EnforceVersion(20 - protoimpl.MinVersion)
 // Verify that runtime/protoimpl is sufficiently up-to-date.
 _ = protoimpl.EnforceVersion(protoimpl.MaxVersion - 20)
)

// Defines types of the grantee of this permission.
type Permission_GranteeType int32

const (
 // The default value. This value is unused.
 Permission_GRANTEE_TYPE_UNSPECIFIED Permission_GranteeType = 0
 // Represents a user. When set, you must provide email_address for the user.
 Permission_USER Permission_GranteeType = 1
 // Represents a group. When set, you must provide email_address for the
 // group.
 Permission_GROUP Permission_GranteeType = 2
 // Represents access to everyone. No extra information is required.
 Permission_EVERYONE Permission_GranteeType = 3
```

```
)

// Enum value maps for Permission_GranteeType.
var (
 Permission_GranteeType_name = map[int32]string{
  0: "GRANTEE_TYPE_UNSPECIFIED",
  1: "USER",
  2:
 "GROUP",
  3: "EVERYONE",
 }
 Permission_GranteeType_value = map[string]int32{
  "GRANTEE_TYPE_UNSPECIFIED": 0,
  "USER":                     1,
  "GROUP":                    2,
  "EVERYONE":                 3,
 }
)

func (x Permission_GranteeType) Enum() *Permission_GranteeType {
 p := new(Permission_GranteeType)
 *p = x
 return p
}

func (x Permission_GranteeType) String() string {
 return protoimpl.X.EnumStringOf(x.Descriptor(), protoreflect.EnumNumber(x))
}

func (Permission_GranteeType) Descriptor() protoreflect.EnumDescriptor {
 return file_google_ai_generativelanguage_v1beta_permission_proto_enumTypes[0].Descriptor()
}

func (Permission_GranteeType) Type() protoreflect.EnumType {
 return &file_google_ai_generativelanguage_v1beta_permission_proto_enumTypes[0]
}

func (x Permission_GranteeType) Number() protoreflect.EnumNumber {
 return protoreflect.EnumNumber(x)
}

// Deprecated: Use Permission_GranteeType.Descriptor instead.
func (Permission_GranteeType) EnumDescriptor() ([]byte,
 []int) {
 return file_google_ai_generativelanguage_v1beta_permission_proto_rawDescGZIP(), []int{0, 0}
}

// Defines the role granted by this permission.
```

```
type Permission_Role int32

const (
 // The default value. This value is unused.
 Permission_ROLE_UNSPECIFIED Permission_Role = 0
 // Owner can use, update, share and delete the resource.
 Permission_OWNER Permission_Role = 1
 // Writer can use, update and share the resource.
 Permission_WRITER Permission_Role = 2
 // Reader can use the resource.
 Permission_READER Permission_Role = 3
)

// Enum value maps for Permission_Role.
var (
 Permission_Role_name = map[int32]string{
  0: "ROLE_UNSPECIFIED",
  1: "OWNER",
  2: "WRITER",
  3: "READER",
 }
 Permission_Role_value = map[string]int32{
  "ROLE_UNSPECIFIED": 0,
  "OWNER":            1,
  "WRITER":           2,
  "READER":           3,
 }
)

func (x Permission_Role) Enum() *Permission_Role {
 p := new(Permission_Role)
 *p = x
 return p
}

func (x Permission_Role) String() string {
 return
 protoimpl.X.EnumStringOf(x.Descriptor(), protoreflect.EnumNumber(x))
}

func (Permission_Role) Descriptor() protoreflect.EnumDescriptor {
 return file_google_ai_generativelanguage_v1beta_permission_proto_enumTypes[1].Descriptor()
}

func (Permission_Role) Type() protoreflect.EnumType {
 return &file_google_ai_generativelanguage_v1beta_permission_proto_enumTypes[1]
}
```

```
func (x Permission_Role) Number() protoreflect.EnumNumber {
 return protoreflect.EnumNumber(x)
}

// Deprecated: Use Permission_Role.Descriptor instead.
func (Permission_Role) EnumDescriptor() ([]byte, []int) {
 return file_google_ai_generativelanguage_v1beta_permission_proto_rawDescGZIP(), []int{0, 1}
}

// Permission resource grants user, group or the rest of the world access to the
// PaLM API resource (e.g. a tuned model, corpus).
//
// A role is a collection of permitted operations that allows users to perform
// specific actions on PaLM API resources. To make them available to users,
// groups, or service accounts,
 you assign roles. When you assign a role, you
// grant permissions that the role contains.
//
// There are three concentric roles. Each role is a superset of the previous
// role's permitted operations:
//
// - reader can use the resource (e.g. tuned model, corpus) for inference
// - writer has reader's permissions and additionally can edit and share
// - owner has writer's permissions and additionally can delete
type Permission struct {
 state         protoimpl.MessageState
 sizeCache     protoimpl.SizeCache
 unknownFields protoimpl.UnknownFields

 // Output only. Identifier. The permission name. A unique name will be
 // generated on create. Examples:
 //     tunedModels/{tuned_model}/permissions/{permission}
 //     corpora/{corpus}/permissions/{permission}
 // Output only.
 Name string `protobuf:"bytes,1,opt,name=name,proto3" json:"name,omitempty"`
 // Optional. Immutable. The type of the grantee.
 GranteeType *Permission_GranteeType
`protobuf:"varint,2,opt,name=grantee_type,json=granteeType,proto3,enum=google.ai.generativelanguage.v1beta.Pe
rmission_GranteeType,oneof"
 json:"grantee_type,omitempty"`
 // Optional. Immutable. The email address of the user of group which this
 // permission refers. Field is not set when permission's grantee type is
 // EVERYONE.
 EmailAddress *string `protobuf:"bytes,3,opt,name=email_address,json=emailAddress,proto3,oneof"
json:"email_address,omitempty"`
 // Required. The role granted by this permission.
 Role *Permission_Role
`protobuf:"varint,4,opt,name=role,proto3,enum=google.ai.generativelanguage.v1beta.Permission_Role,oneof"
```

```
json:"role,omitempty"`
}

func (x *Permission) Reset() {
 *x = Permission{}
 if protoimpl.UnsafeEnabled {
  mi := &file_google_ai_generativelanguage_v1beta_permission_proto_msgTypes[0]
  ms := protoimpl.X.MessageStateOf(protoimpl.Pointer(x))
  ms.StoreMessageInfo(mi)
 }
}

func (x *Permission) String() string {
 return protoimpl.X.MessageStringOf(x)
}

func (*Permission) ProtoMessage() {}

func (x *Permission)
 ProtoReflect() protoreflect.Message {
 mi := &file_google_ai_generativelanguage_v1beta_permission_proto_msgTypes[0]
 if protoimpl.UnsafeEnabled && x != nil {
  ms := protoimpl.X.MessageStateOf(protoimpl.Pointer(x))
  if ms.LoadMessageInfo() == nil {
   ms.StoreMessageInfo(mi)
  }
  return ms
 }
 return mi.MessageOf(x)
}

// Deprecated: Use Permission.ProtoReflect.Descriptor instead.
func (*Permission) Descriptor() ([]byte, []int) {
 return file_google_ai_generativelanguage_v1beta_permission_proto_rawDescGZIP(), []int{0}
}

func (x *Permission) GetName() string {
 if x != nil {
  return x.Name
 }
 return ""
}

func (x *Permission) GetGranteeType() Permission_GranteeType {
 if x != nil && x.GranteeType != nil {
  return *x.GranteeType
 }
 return Permission_GRANTEE_TYPE_UNSPECIFIED
```

```
}

func (x *Permission) GetEmailAddress() string {
 if x != nil && x.EmailAddress != nil {
  return *x.EmailAddress
 }
 return ""
}

func (x *Permission) GetRole() Permission_Role {
 if x != nil && x.Role
 != nil {
  return *x.Role
 }
 return Permission_ROLE_UNSPECIFIED
}

var File_google_ai_generativelanguage_v1beta_permission_proto protoreflect.FileDescriptor

var file_google_ai_generativelanguage_v1beta_permission_proto_rawDesc = []byte{
 0x0a, 0x34, 0x67, 0x6f, 0x6f, 0x67, 0x6c, 0x65, 0x2f, 0x61, 0x69, 0x2f, 0x67, 0x65, 0x6e, 0x65,
 0x72, 0x61, 0x74, 0x69, 0x76, 0x65, 0x6c, 0x61, 0x6e, 0x67, 0x75, 0x61, 0x67, 0x65, 0x2f, 0x76,
 0x31, 0x62, 0x65, 0x74, 0x61, 0x2f, 0x70, 0x65, 0x72, 0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e,
 0x2e, 0x70, 0x72, 0x6f, 0x74, 0x6f, 0x12, 0x23, 0x67, 0x6f, 0x6f, 0x67, 0x6c, 0x65, 0x2e, 0x61,
 0x69, 0x2e, 0x67, 0x65, 0x6e, 0x65, 0x72, 0x61, 0x74, 0x69, 0x76, 0x65, 0x6c, 0x61, 0x6e, 0x67,
 0x75, 0x61, 0x67, 0x65, 0x2e, 0x76, 0x31, 0x62, 0x65, 0x74, 0x61, 0x1a, 0x1f, 0x67, 0x6f, 0x6f,
 0x67, 0x6c, 0x65, 0x2f, 0x61, 0x70, 0x69, 0x2f, 0x66, 0x69, 0x65, 0x6c, 0x64, 0x5f, 0x62, 0x65,
 0x68, 0x61, 0x76, 0x69, 0x6f, 0x72, 0x2e, 0x70, 0x72, 0x6f, 0x74, 0x6f, 0x1a,
 0x19, 0x67, 0x6f,
 0x6f, 0x67, 0x6c, 0x65, 0x2f, 0x61, 0x70, 0x69, 0x2f, 0x72, 0x65, 0x73, 0x6f, 0x75, 0x72, 0x63,
 0x65, 0x2e, 0x70, 0x72, 0x6f, 0x74, 0x6f, 0x22, 0x85, 0x05, 0x0a, 0x0a, 0x50, 0x65, 0x72, 0x6d,
 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e, 0x12, 0x1a, 0x0a, 0x04, 0x6e, 0x61, 0x6d, 0x65, 0x18, 0x01,
 0x20, 0x01, 0x28, 0x09, 0x42, 0x06, 0xe0, 0x41, 0x03, 0xe0, 0x41, 0x08, 0x52, 0x04, 0x6e, 0x61,
 0x6d, 0x65, 0x12, 0x6b, 0x0a, 0x0c, 0x67, 0x72, 0x61, 0x6e, 0x74, 0x65, 0x65, 0x5f, 0x74, 0x79,
 0x70, 0x65, 0x18, 0x02, 0x20, 0x01, 0x28, 0x0e, 0x32, 0x3b, 0x2e, 0x67, 0x6f, 0x6f, 0x67, 0x6c,
 0x65, 0x2e, 0x61, 0x69, 0x2e, 0x67, 0x65, 0x6e, 0x65, 0x72, 0x61, 0x74, 0x69, 0x76, 0x65, 0x6c,
 0x61, 0x6e, 0x67, 0x75, 0x61, 0x67, 0x65, 0x2e, 0x76, 0x31, 0x62, 0x65, 0x74, 0x61, 0x2e, 0x50,
 0x65, 0x72, 0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e, 0x2e, 0x47, 0x72, 0x61, 0x6e, 0x74, 0x65,
 0x65, 0x54, 0x79, 0x70, 0x65, 0x42, 0x06, 0xe0, 0x41, 0x01, 0xe0, 0x41, 0x05, 0x48, 0x00, 0x52,
 0x0b, 0x67,
 0x72, 0x61, 0x6e, 0x74, 0x65, 0x65, 0x54, 0x79, 0x70, 0x65, 0x88, 0x01, 0x01, 0x12,
 0x30, 0x0a, 0x0d, 0x65, 0x6d, 0x61, 0x69, 0x6c, 0x5f, 0x61, 0x64, 0x64, 0x72, 0x65, 0x73, 0x73,
 0x18, 0x03, 0x20, 0x01, 0x28, 0x09, 0x42, 0x06, 0xe0, 0x41, 0x01, 0xe0, 0x41, 0x05, 0x48, 0x01,
 0x52, 0x0c, 0x65, 0x6d, 0x61, 0x69, 0x6c, 0x41, 0x64, 0x64, 0x72, 0x65, 0x73, 0x73, 0x88, 0x01,
 0x01, 0x12, 0x52, 0x0a, 0x04, 0x72, 0x6f, 0x6c, 0x65, 0x18, 0x04, 0x20, 0x01, 0x28, 0x0e, 0x32,
 0x34, 0x2e, 0x67, 0x6f, 0x6f, 0x67, 0x6c, 0x65, 0x2e, 0x61, 0x69, 0x2e, 0x67, 0x65, 0x6e, 0x65,
 0x72, 0x61, 0x74, 0x69, 0x76, 0x65, 0x6c, 0x61, 0x6e, 0x67, 0x75, 0x61, 0x67, 0x65, 0x2e, 0x76,
 0x31, 0x62, 0x65, 0x74, 0x61, 0x2e, 0x50, 0x65, 0x72, 0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e,
```

0x2e, 0x52, 0x6f, 0x6c, 0x65, 0x42, 0x03, 0xe0, 0x41, 0x02, 0x48, 0x02, 0x52, 0x04, 0x72, 0x6f,
0x6c, 0x65, 0x88, 0x01, 0x01, 0x22, 0x4e, 0x0a, 0x0b, 0x47, 0x72, 0x61, 0x6e, 0x74, 0x65, 0x65,
0x54, 0x79, 0x70, 0x65, 0x12, 0x1c, 0x0a,
0x18, 0x47, 0x52, 0x41, 0x4e, 0x54, 0x45, 0x45, 0x5f,
0x54, 0x59, 0x50, 0x45, 0x5f, 0x55, 0x4e, 0x53, 0x50, 0x45, 0x43, 0x49, 0x46, 0x49, 0x45, 0x44,
0x10, 0x00, 0x12, 0x08, 0x0a, 0x04, 0x55, 0x53, 0x45, 0x52, 0x10, 0x01, 0x12, 0x09, 0x0a, 0x05,
0x47, 0x52, 0x4f, 0x55, 0x50, 0x10, 0x02, 0x12, 0x0c, 0x0a, 0x08, 0x45, 0x56, 0x45, 0x52, 0x59,
0x4f, 0x4e, 0x45, 0x10, 0x03, 0x22, 0x3f, 0x0a, 0x04, 0x52, 0x6f, 0x6c, 0x65, 0x12, 0x14, 0x0a,
0x10, 0x52, 0x4f, 0x4c, 0x45, 0x5f, 0x55, 0x4e, 0x53, 0x50, 0x45, 0x43, 0x49, 0x46, 0x49, 0x45,
0x44, 0x10, 0x00, 0x12, 0x09, 0x0a, 0x05, 0x4f, 0x57, 0x4e, 0x45, 0x52, 0x10, 0x01, 0x12, 0x0a,
0x0a, 0x06, 0x57, 0x52, 0x49, 0x54, 0x45, 0x52, 0x10, 0x02, 0x12, 0x0a, 0x0a, 0x06, 0x52, 0x45,
0x41, 0x44, 0x45, 0x52, 0x10, 0x03, 0x3a, 0xaa, 0x01, 0xea, 0x41, 0xa6, 0x01, 0x0a, 0x2c, 0x67,
0x65, 0x6e, 0x65, 0x72, 0x61, 0x74, 0x69, 0x76, 0x65, 0x6c, 0x61, 0x6e, 0x67, 0x75, 0x61, 0x67,
0x65, 0x2e, 0x67, 0x6f, 0x6f, 0x67, 0x6c, 0x65, 0x61, 0x70, 0x69, 0x73,
0x2e, 0x63, 0x6f, 0x6d,
0x2f, 0x50, 0x65, 0x72, 0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e, 0x12, 0x32, 0x74, 0x75, 0x6e,
0x65, 0x64, 0x4d, 0x6f, 0x64, 0x65, 0x6c, 0x73, 0x2f, 0x7b, 0x74, 0x75, 0x6e, 0x65, 0x64, 0x5f,
0x6d, 0x6f, 0x64, 0x65, 0x6c, 0x7d, 0x2f, 0x70, 0x65, 0x72, 0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f,
0x6e, 0x73, 0x2f, 0x7b, 0x70, 0x65, 0x72, 0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e, 0x7d, 0x12,
0x29, 0x63, 0x6f, 0x72, 0x70, 0x6f, 0x72, 0x61, 0x2f, 0x7b, 0x63, 0x6f, 0x72, 0x70, 0x75, 0x73,
0x7d, 0x2f, 0x70, 0x65, 0x72, 0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e, 0x73, 0x2f, 0x7b, 0x70,
0x65, 0x72, 0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e, 0x7d, 0x2a, 0x0b, 0x70, 0x65, 0x72, 0x6d,
0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e, 0x73, 0x32, 0x0a, 0x70, 0x65, 0x72, 0x6d, 0x69, 0x73, 0x73,
0x69, 0x6f, 0x6e, 0x42, 0x0f, 0x0a, 0x0d, 0x5f, 0x67, 0x72, 0x61, 0x6e, 0x74, 0x65, 0x65, 0x5f,
0x74, 0x79, 0x70, 0x65, 0x42, 0x10, 0x0a, 0x0e, 0x5f, 0x65, 0x6d, 0x61, 0x69, 0x6c, 0x5f, 0x61,
0x64,
0x64, 0x72, 0x65, 0x73, 0x73, 0x42, 0x07, 0x0a, 0x05, 0x5f, 0x72, 0x6f, 0x6c, 0x65, 0x42,
0x9b, 0x01, 0x0a, 0x27, 0x63, 0x6f, 0x6d, 0x2e, 0x67, 0x6f, 0x6f, 0x67, 0x6c, 0x65, 0x2e, 0x61,
0x69, 0x2e, 0x67, 0x65, 0x6e, 0x65, 0x72, 0x61, 0x74, 0x69, 0x76, 0x65, 0x6c, 0x61, 0x6e, 0x67,
0x75, 0x61, 0x67, 0x65, 0x2e, 0x76, 0x31, 0x62, 0x65, 0x74, 0x61, 0x42, 0x0f, 0x50, 0x65, 0x72,
0x6d, 0x69, 0x73, 0x73, 0x69, 0x6f, 0x6e, 0x50, 0x72, 0x6f, 0x74, 0x6f, 0x50, 0x01, 0x5a, 0x5d,
0x63, 0x6c, 0x6f, 0x75, 0x64, 0x2e, 0x67, 0x6f, 0x6f, 0x67, 0x6c, 0x65, 0x2e, 0x63, 0x6f, 0x6d,
0x2f, 0x67, 0x6f, 0x2f, 0x61, 0x69, 0x2f, 0x67, 0x65, 0x6e, 0x65, 0x72, 0x61, 0x74, 0x69, 0x76,
0x65, 0x6c, 0x61, 0x6e, 0x67, 0x75, 0x61, 0x67, 0x65, 0x2f, 0x61, 0x70, 0x69, 0x76, 0x31, 0x62,
0x65, 0x74, 0x61, 0x2f, 0x67, 0x65, 0x6e, 0x65, 0x72, 0x61, 0x74, 0x69, 0x76, 0x65, 0x6c, 0x61,
0x6e, 0x67, 0x75, 0x61, 0x67, 0x65, 0x70, 0x62, 0x3b, 0x67, 0x65, 0x6e, 0x65, 0x72, 0x61, 0x74,
0x69, 0x76, 0x65, 0x6c, 0x61, 0x6e,
0x67, 0x75, 0x61, 0x67, 0x65, 0x70, 0x62, 0x62, 0x06, 0x70,
0x72, 0x6f, 0x74, 0x6f, 0x33,
}

var (
file_google_ai_generativelanguage_v1beta_permission_proto_rawDescOnce sync.Once
file_google_ai_generativelanguage_v1beta_permission_proto_rawDescData =
file_google_ai_generativelanguage_v1beta_permission_proto_rawDesc
)

func file_google_ai_generativelanguage_v1beta_permission_proto_rawDescGZIP() []byte {

```
 file_google_ai_generativelanguage_v1beta_permission_proto_rawDescOnce.Do(func() {
  file_google_ai_generativelanguage_v1beta_permission_proto_rawDescData =
protoimpl.X.CompressGZIP(file_google_ai_generativelanguage_v1beta_permission_proto_rawDescData)
 })
 return file_google_ai_generativelanguage_v1beta_permission_proto_rawDescData
}

var file_google_ai_generativelanguage_v1beta_permission_proto_enumTypes = make([]protoimpl.EnumInfo, 2)
var file_google_ai_generativelanguage_v1beta_permission_proto_msgTypes = make([]protoimpl.MessageInfo, 1)
var file_google_ai_generativelanguage_v1beta_permission_proto_goTypes
 = []interface{}{
 (Permission_GranteeType)(0), // 0: google.ai.generativelanguage.v1beta.Permission.GranteeType
 (Permission_Role)(0),        // 1: google.ai.generativelanguage.v1beta.Permission.Role
 (*Permission)(nil),          // 2: google.ai.generativelanguage.v1beta.Permission
}
var file_google_ai_generativelanguage_v1beta_permission_proto_depIdxs = []int32{
 0, // 0: google.ai.generativelanguage.v1beta.Permission.grantee_type:type_name ->
google.ai.generativelanguage.v1beta.Permission.GranteeType
 1, // 1: google.ai.generativelanguage.v1beta.Permission.role:type_name ->
google.ai.generativelanguage.v1beta.Permission.Role
 2, // [2:2] is the sub-list for method output_type
 2, // [2:2] is the sub-list for method input_type
 2, // [2:2] is the sub-list for extension type_name
 2, // [2:2] is the sub-list for extension extendee
 0, // [0:2] is the sub-list for field type_name
}

func init() { file_google_ai_generativelanguage_v1beta_permission_proto_init()
 }
func file_google_ai_generativelanguage_v1beta_permission_proto_init() {
 if File_google_ai_generativelanguage_v1beta_permission_proto != nil {
  return
 }
 if !protoimpl.UnsafeEnabled {
  file_google_ai_generativelanguage_v1beta_permission_proto_msgTypes[0].Exporter = func(v interface{}, i int)
interface{} {
   switch v := v.(*Permission); i {
   case 0:
    return &v.state
   case 1:
    return &v.sizeCache
   case 2:
    return &v.unknownFields
   default:
    return nil
   }
  }
 }
```

```
file_google_ai_generativelanguage_v1beta_permission_proto_msgTypes[0].OneofWrappers = []interface{}{}
type x struct{}
out := protoimpl.TypeBuilder{
 File: protoimpl.DescBuilder{
  GoPackagePath: reflect.TypeOf(x{}).PkgPath(),
  RawDescriptor: file_google_ai_generativelanguage_v1beta_permission_proto_rawDesc,
  NumEnums:      2,
  NumMessages:   1,
  NumExtensions: 0,
  NumServices:   0,
 },
 GoTypes:          file_google_ai_generativelanguage_v1beta_permission_proto_goTypes,
 DependencyIndexes:
file_google_ai_generativelanguage_v1beta_permission_proto_depIdxs,
 EnumInfos:         file_google_ai_generativelanguage_v1beta_permission_proto_enumTypes,
 MessageInfos:      file_google_ai_generativelanguage_v1beta_permission_proto_msgTypes,
}.Build()
File_google_ai_generativelanguage_v1beta_permission_proto = out.File
file_google_ai_generativelanguage_v1beta_permission_proto_rawDesc = nil
file_google_ai_generativelanguage_v1beta_permission_proto_goTypes = nil
file_google_ai_generativelanguage_v1beta_permission_proto_depIdxs = nil
}
```

1.631 cobra 1.8.1

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1.632 go-toml 2.2.3

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1.633 tenacity 8.1.0

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1.634 bzip2 1.0.8-2

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1.635 runtime-spec 1.2.0

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1.636 libidn 2.3.0-5

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1.640 pytest 7.4.3

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1.641 selinux 1.11.1

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

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Appendix: How to Apply These Terms to Your New Programs

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

<one line to give the program's name and a brief idea of what it does.>
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If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License. Of course, the
commands you use may be called something other than `show w' and `show
c'; they could even be mouse-clicks or menu items--whatever suits your
program.

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

Yoyodyne, Inc., hereby disclaims
all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.

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

That's all there is to it!

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Appendix: How to Apply These Terms to Your New Programs

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<one line to give the program's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

when it starts in an interactive mode:

```
  Gnomovision version 69, Copyright (C) 19xx name of author
  Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
  This is free software, and you are welcome to redistribute it
  under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License.
 Of course, the
commands you use may be called something other than `show w' and `show
c'; they could even be mouse-clicks or menu items--whatever suits your
program.

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

```
 Yoyodyne, Inc., hereby disclaims all copyright interest in the
 program `Gnomovision' (a program to direct compilers to make passes
 at assemblers) written by James Hacker.

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

That's all there is to it!
```
#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the
C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match
reality.

Optionally you can pass the C<--now> option to check they are at the current
year. This isn't checked by default, so that it doesn't fail for people
working on older releases. It should be run before making a new release.

=cut

use strict;
use Config;
```

```
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) {
 skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
 my $current_year = (gmtime)[5] + 1900;
 is $v_year, $current_year, 'perl -v copyright includes current
 year';
 is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
 is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;


sub readme_year
# returns the latest copyright year from the top-level README file
{

 open my $readme, '<', '../README' or die "Opening README failed: $!";

 # The copyright message is the first paragraph:
 local $/ = '';
 my $copyright_msg = <$readme>;

 my ($year) = $copyright_msg =~ /.*\b(\d{4,})/s
    or die "Year not found in README copyright message '$copyright_msg'";

 $year;
}


sub v_year
```

```
# returns the latest copyright year shown in perl -v
{

 my $output = runperl switches => ['-v'];
 my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
    or die "Copyright statement not found in perl -v output '$output'";

 $year;
}
```

1.645 aws-sdk-go-v2-service-sts 1.26.7

1.645.1 Available under license :

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-
Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
  params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
  return nil,
 err
 }

 out := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
```

```
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{}, middleware.After)
 if err !=
 nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "AssociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }
```

```
 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
```

```
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack,
 options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "AssociateLicense",
 }
}
```

AWS SDK for Go

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```
name: License Scan

on: [pull_request]

jobs:
 licensescan:
   name: License Scan
   runs-on: ubuntu-latest
   strategy:
     matrix:
       python-version: [3.9]

   steps:
     - name: Checkout target
       uses: actions/checkout@v2
       with:
         path: sdkbase
         ref: ${{ github.base_ref }}
     - name: Checkout this ref
```

```
      uses: actions/checkout@v2
      with:
        path: new-ref
        fetch-depth: 0
    - name: Get Diff
      run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
    - name: Get Target Files
      run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
    - name: Checkout scancode
      uses: actions/checkout@v2
      with:
        repository: nexB/scancode-toolkit
        path: scancode-toolkit
        fetch-depth: 1
    - name: Set up Python ${{ matrix.python-version }}
       uses: actions/setup-python@v2
      with:
        python-version: ${{ matrix.python-version }}
    # ScanCode
    - name: Self-configure scancode
      working-directory: ./scancode-toolkit
      run: ./scancode --help
    - name: Run Scan code on target
      run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
    - name: Run Scan code on pr ref
      run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
    # compare
    - name: License test
      run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
```

```
(*CheckInLicenseOutput, error) {
 if params == nil {
  params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
```

```
}
if err := addProtocolFinalizerMiddlewares(stack, options, "CheckInLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return
```

```
 err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckInLicense",
 }
}
{
   "smithy": "2.0",
   "shapes": {
      "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger": {
         "type": "integer"
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong": {
         "type": "long"
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Filter": {
         "type": "structure",
         "members": {
            "Name": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The type of name to filter by.</p>"
```

```
            }
          },
          "Values": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
            "traits": {
              "smithy.api#documentation": "<p>One or more values for the name to filter by.</p>"
            }
          },
          "Operator": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Operator",
             "traits": {
              "smithy.api#documentation": "<p>An operator for filtering results.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>A filter object that is used to return more specific results from a describe operation.\n      Filters can be used to match a set of resources by specific criteria.</p>"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Filter"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest"
        },
        "output": {

          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the Linux subscriptions service settings.</p>",
```

```
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/GetServiceSettings"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest":
{
        "type": "structure",
        "members": {}
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse": {
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },
            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>Lists the settings defined for Linux subscriptions discovery. The
settings include if\n      Organizations integration has been enabled, and
 which Regions data will be aggregated from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
                    "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation": "<p>A message which details the Linux subscriptions service settings
current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays
```

```
the aggregated data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Instance": {
        "type": "structure",
        "members": {
            "AmiId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The AMI ID used to launch the instance.</p>"
                }
            },
            "InstanceID": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The instance ID of the resource.</p>"
                }
            },
            "InstanceType": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The instance type of the resource.</p>"
                }

        },
            "AccountID": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The account ID which owns the instance.</p>"
                }
            },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of the instance.</p>"
                }
            },
            "Region": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The Region the instance is running in.</p>"
                }
            },
            "UsageOperation": {
                "target": "smithy.api#String",
                "traits": {
```

```
                "smithy.api#documentation": "<p>The usage operation of the instance. For more information, see For more information, see\n        <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i>.</p>"
              }
            },
            "ProductCode": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList",
              "traits": {
                "smithy.api#documentation": "<p>The product code for the instance. For more information, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i> .</p>"
              }
            },
            "LastUpdatedTime": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The time in which the last discovery updated the instance details.</p>"
              }
            },
            "SubscriptionName": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the subscription being used by the instance.</p>"
              }
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>Details discovered information about a running instance using Linux subscriptions.</p>"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList": {
          "type": "list",
          "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Instance"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException": {
          "type": "structure",
          "members": {
            "message": {
              "target": "smithy.api#String"
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
```

```
            "smithy.api#error": "server"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#LicenseManagerLinuxSubscriptions": {
        "type": "service",
        "version": "2018-05-10",
        "operations": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings"
            }
        ],

    "traits": {
            "aws.api#service": {
                "sdkId": "License Manager Linux Subscriptions",
                "arnNamespace": "license-manager-linux-subscriptions",
                "cloudTrailEventSource": "license-manager-linux-subscriptions.amazonaws.com"
            },
            "aws.auth#sigv4": {
                "name": "license-manager-linux-subscriptions"
            },
            "aws.protocols#restJson1": {},
            "smithy.api#cors": {
                "additionalAllowedHeaders": [
                    "*",
                    "content-type",
                    "x-amz-content-sha256",
                    "x-amz-user-agent",
                    "x-amzn-platform-id",
                    "x-amzn-trace-id",
                    "content-length",
                    "x-api-key",
                    "authorization",
                    "x-amz-date",

"x-amz-security-token",
                    "Access-Control-Allow-Headers",
                    "Access-Control-Allow-Methods",
                    "Access-Control-Allow-Origin"
```

```
            ],
            "additionalExposedHeaders": [
               "x-amzn-errortype",
               "x-amzn-requestid",
               "x-amzn-trace-id"
            ]
         },
         "smithy.api#documentation": "<p>With License Manager, you can discover and track your commercial Linux subscriptions on running\n      Amazon EC2 instances.</p>",
         "smithy.api#title": "AWS License Manager Linux Subscriptions",
         "smithy.rules#endpointRuleSet": {
            "version": "1.0",
            "parameters": {
               "Region": {
                  "builtIn": "AWS::Region",
                  "required": false,
                  "documentation": "The
 AWS region used to dispatch the request.",
                  "type": "String"
               },
               "UseDualStack": {
                  "builtIn": "AWS::UseDualStack",
                  "required": true,
                  "default": false,
                  "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
                  "type": "Boolean"
               },
               "UseFIPS": {
                  "builtIn": "AWS::UseFIPS",
                  "required": true,
                  "default": false,
                  "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",

                "type": "Boolean"
               },
               "Endpoint": {
                  "builtIn": "SDK::Endpoint",
                  "required": false,
                  "documentation": "Override the endpoint used to send this request",
                  "type": "String"
               }
            },
            "rules": [
               {
                  "conditions": [
                     {
```

```
        "fn": "isSet",
        "argv": [
          {
            "ref": "Endpoint"
          }
        ]
      }
    ],
    "type": "tree",
    "rules": [
      {

      "conditions": [
            {
              "fn": "booleanEquals",
              "argv": [
                {
                  "ref": "UseFIPS"
                },
                true
              ]
            }
          ],
          "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
          "type": "error"
      },
      {
          "conditions": [],
          "type": "tree",
          "rules": [
            {

          "conditions": [
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        {
                          "ref": "UseDualStack"
                        },
                        true
                      ]
                    }
                  ],
                  "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                  "type": "error"
            },
            {
              "conditions": [],
```

```
                "endpoint": {
                                "url": {
                                    "ref": "Endpoint"
                                },
                                "properties": {},
                                "headers": {}
                            },
                            "type": "endpoint"
                        }
                    ]
                }
            ]
        },
        {
            "conditions": [],
            "type": "tree",
            "rules": [
                {
                    "conditions": [
                        {
                            "fn": "isSet",

    "argv": [
                                {
                                    "ref": "Region"
                                }
                            ]
                        }
                    ],
                    "type": "tree",
                    "rules": [
                        {
                            "conditions": [
                                {
                                    "fn": "aws.partition",
                                    "argv": [
                                        {
                                            "ref": "Region"
                                        }
                                    ],

"assign": "PartitionResult"
                                }
                            ],
                            "type": "tree",
                            "rules": [
                                {
```

```
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            {
                                "ref": "UseFIPS"
                            },
                            true
                        ]
                    },

{
                        "fn": "booleanEquals",
                        "argv": [
                            {
                                "ref": "UseDualStack"
                            },
                            true
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
                    {
                        "conditions": [
                            {

                       "fn": "booleanEquals",
                            "argv": [
                                true,
                                {
                                    "fn": "getAttr",
                                    "argv": [
                                        {
                                            "ref": "PartitionResult"
                                        },
                                        "supportsFIPS"
                                    ]

}
                                ]
                            },
                            {
                                "fn": "booleanEquals",
                                "argv": [
                                    true,
                                    {
                                        "fn": "getAttr",
```

```
                                    "argv": [
                                        {
                                            "ref": "PartitionResult"
                                        },

                                    "supportsDualStack"
                                        ]
                                    }
                                ]
                            }
                        ],
                        "type": "tree",
                        "rules": [
                            {
                                "conditions": [],
                                "type": "tree",
                                "rules": [
                                    {

                        "conditions": [],
                                        "endpoint": {
                                            "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                            "properties": {},
                                            "headers": {}
                                        },
                                        "type": "endpoint"
                                    }
                                ]
                            }
                        ]

                },
                    {
                        "conditions": [],
                        "error": "FIPS and DualStack are enabled, but this partition does not support
one or both",
                        "type": "error"
                    }
                ]
            },
            {
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            {
```

```
                "ref": "UseFIPS"
                            },
                            true
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
                    {
                        "conditions": [
                            {
                                "fn": "booleanEquals",
                                "argv": [
                                    true,

{
                                        "fn": "getAttr",
                                        "argv": [
                                            {
                                                "ref": "PartitionResult"
                                            },
                                            "supportsFIPS"
                                        ]
                                    }
                                ]
                            }
                        ],
                        "type": "tree",

                    "rules": [
                            {
                                "conditions": [],
                                "type": "tree",
                                "rules": [
                                    {
                                        "conditions": [],
                                        "endpoint": {
                                            "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                                            "properties": {},
                                            "headers": {}

                                        },
                                        "type": "endpoint"
                                    }
                                ]
                            }
                        ]
```

```
                },
                {
                    "conditions": [],
                    "error": "FIPS is enabled but this partition does not support FIPS",
                    "type": "error"
                }
            ]

},
            {
            "conditions": [
                {
                    "fn": "booleanEquals",
                    "argv": [
                        {
                            "ref": "UseDualStack"
                        },
                        true
                    ]
                }
            ],
            "type": "tree",
            "rules": [
                {

             "conditions": [
                        {
                            "fn": "booleanEquals",
                            "argv": [
                                true,
                                {
                                    "fn": "getAttr",
                                    "argv": [
                                        {
                                            "ref": "PartitionResult"
                                        },
                                        "supportsDualStack"
                                    ]
                                }
                            ]
                        }
                    ],
                    "type": "tree",
                    "rules": [
                        {
                            "conditions": [],
                            "type": "tree",
                            "rules": [
```

```
                                        {
                                            "conditions": [],

                                        "endpoint": {
                                                "url": "https://license-manager-linux-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                                "properties": {},
                                                "headers": {}
                                            },
                                            "type": "endpoint"
                                        }
                                    ]
                                }
                            ]
                        },

        {
                                    "conditions": [],
                                    "error": "DualStack is enabled but this partition does not support DualStack",
                                    "type": "error"
                                }
                            ]
                        },
                        {
                            "conditions": [],
                            "type": "tree",
                            "rules": [
                                {
                                    "conditions": [],
                                    "endpoint": {
                                        "url":
"https://license-manager-linux-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                                        "properties": {},
                                        "headers": {}
                                    },
                                    "type": "endpoint"
                                }
                            ]
                        }
                    ]
                }
            ]
        },
        {
            "conditions": [],
            "error": "Invalid Configuration: Missing Region",
            "type": "error"
        }
```

```
            ]
          }
        ]
      },
      "smithy.rules#endpointTests": {
        "testCases": [
          {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
            "expect": {

"endpoint": {
                "url": "https://license-manager-linux-subscriptions-fips.us-east-1.amazonaws.com"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-linux-subscriptions.us-east-1.api.aws"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": false,
               "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
```

```
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.us-east-1.amazonaws.com"
      }
    },
    "params": {
      "Region": "us-east-1",
      "UseFIPS": false,
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "endpoint": {

    "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
       "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": false,
```

```
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint":
{
              "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
             "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.amazonaws.com"
            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint":
```

```
{
                    "url": "https://license-manager-linux-subscriptions.us-gov-east-1.api.aws"
                }
            },
            "params": {
                "Region": "us-gov-east-1",
                "UseFIPS": false,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions.us-gov-east-1.amazonaws.com"
                }
            },
            "params": {
                "Region": "us-gov-east-1",
                "UseFIPS": false,
                 "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
            },
            "params": {
                "Region": "us-iso-east-1",
                "UseFIPS": true,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
                 }
            },
            "params": {
                "Region": "us-iso-east-1",
                "UseFIPS": true,
                "UseDualStack": false
            }
        },
        {
```

```
      "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "error": "DualStack is enabled but this partition does not support DualStack"
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {

"documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.us-iso-east-1.c2s.ic.gov"
        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
      },
      "params": {

     "Region": "us-isob-east-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
        }
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
```

```
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS disabled
and DualStack enabled",
          "expect": {
            "error": "DualStack is enabled but this partition does not support DualStack"
          },
          "params": {
            "Region": "us-isob-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-linux-subscriptions.us-isob-east-1.sc2s.sgov.gov"
            }
          },
          "params": {
            "Region": "us-isob-east-1",

      "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
          "expect": {
            "endpoint": {
              "url": "https://example.com"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "For custom endpoint with region not set and fips disabled and dualstack
disabled",

        "expect": {
            "endpoint": {
              "url": "https://example.com"
```

```
                }
            },
            "params": {
                "UseFIPS": false,
                "UseDualStack": false,
                "Endpoint": "https://example.com"
            }
        },
        {
            "documentation": "For custom endpoint with fips enabled and dualstack disabled",
            "expect": {
                "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": false,

    "Endpoint": "https://example.com"
                }
            },
            {
                "documentation": "For custom endpoint with fips disabled and dualstack enabled",
                "expect": {
                    "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
                },
                "params": {
                    "Region": "us-east-1",
                    "UseFIPS": false,
                    "UseDualStack": true,
                    "Endpoint": "https://example.com"
                }
            },
            {
                "documentation": "Missing region",
                "expect": {
                    "error": "Invalid Configuration: Missing Region"
                }

    }
        ],
        "version": "1.0"
    }
  }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery": {
  "type": "string",
  "traits": {
```

```
            "smithy.api#enum": [
                {
                    "name": "Enabled",
                    "value": "Enabled",
                    "documentation": "Enabled LinuxSubscriptionsDiscovery"
                },
                {
                    "name": "Disabled",
                    "value": "Disabled",
                    "documentation": "Disabled LinuxSubscriptionsDiscovery"
                }
            ]
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings": {
        "type": "structure",
        "members": {
            "SourceRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                 "traits": {
                    "smithy.api#documentation": "<p>The Regions in which to discover data for Linux
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "OrganizationIntegration": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration",
                "traits": {
                    "smithy.api#documentation": "<p>Details if you have enabled resource discovery across your
accounts in Organizations.</p>",
                    "smithy.api#required": {}
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>Lists the settings defined for discovering Linux subscriptions.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances": {
        "type":
 "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse"
        },
        "errors": [
```

```
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Lists the running Amazon EC2 instances that were discovered with commercial Linux\n      subscriptions.</p>",
            "smithy.api#http": {

        "code": 200,
               "method": "POST",
               "uri": "/subscription/ListLinuxSubscriptionInstances"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "Instances"
            }
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest": {
         "type": "structure",
         "members": {
            "Filters": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
               "traits": {
                  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by
 the name of\n      <code>AmiID</code> with an optional operator to see subscriptions that match, partially\n match, or don't match a certain Amazon Machine Image (AMI) ID.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>AmiID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>InstanceID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>AccountID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Status</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Region</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>UsageOperation</code>\n      </p>\n      </li>\n      <li>\n
    <p>\n      <code>ProductCode</code>\n      </p>\n      </li>\n      <li>\n      <p>\n
     <code>InstanceType</code>\n      </p>\n      </li>\n      </ul>\n      <p>The valid Operators for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>contains</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>equals</code>\n      </p>\n      </li>\n      <li>\n
```

```
        <p>\n                <code>Notequal</code>\n              </p>\n          </li>\n        </ul>"
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"

      }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>",
              "smithy.api#length": {
                "min": 1,
                "max": 16384
              }
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse": {
        "type": "structure",
        "members": {
          "Instances": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList",
            "traits": {
              "smithy.api#documentation":
 "<p>An array that contains instance objects.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest"
```

```
        },
        "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
             },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the Linux subscriptions that have been discovered. If you have linked your\n      organization, the returned results will include data aggregated across your accounts in\n Organizations.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/ListLinuxSubscriptions"
            },
            "smithy.api#idempotent": {},
            "smithy.api#paginated": {
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "Subscriptions"
            }

        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest": {
        "type": "structure",
        "members": {
            "Filters": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
                "traits": {
                    "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n <code>Subscription</code> with an optional operator to see subscriptions that match,\n      partially match, or don't match a certain subscription's name.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n <li>\n <p>\n <code>Subscription</code>\n </p>\n </li>\n </ul>\n <p>The valid Operators for this filter are:</p>\n
      <ul>\n <li>\n <p>\n <code>contains</code>\n </p>\n </li>\n <li>\n <p>\n <code>equals</code>\n </p>\n </li>\n <li>\n <p>\n
```

```
            <code>Notequal</code>\n            </p>\n            </li>\n        </ul>"
          }
        },
        "MaxResults": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
          "traits": {
            "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>",
            "smithy.api#length": {

              "min": 1,
                "max": 16384
            }
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse": {
      "type": "structure",
      "members": {
        "Subscriptions": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList",
          "traits": {
            "smithy.api#documentation": "<p>An array that contains subscription objects.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Operator": {
      "type": "string",
      "traits": {
        "smithy.api#enum": [
```

```
            {
              "name": "EQUAL",
              "value": "Equal",
              "documentation": "Equal operator"
            },
            {
              "name": "NOT_EQUAL",
              "value": "NotEqual",
              "documentation": "Not equal operator"
            },
            {
              "name": "CONTAINS",
              "value": "Contains",
              "documentation": "Contains operator"
            }
          ],
          "smithy.api#length": {
            "min": 1,
            "max": 20
          }
        }
      },

    "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [
            {
              "name": "Enabled",
              "value": "Enabled",
              "documentation": "Enabled OrganizationIntegration"
            },
            {
              "name": "Disabled",
              "value": "Disabled",
              "documentation": "Disabled OrganizationIntegration"
            }
          ]
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList": {
        "type": "list",
        "member": {
          "target": "smithy.api#String"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Status": {
        "type": "string",
```

```
        "traits": {
          "smithy.api#enum": [

      {
                "name": "InProgress",
                "value": "InProgress",
                "documentation": "InProgress status"
              },
              {
                "name": "Completed",
                "value": "Completed",
                "documentation": "Completed status"
              },
              {
                "name": "Successful",
                "value": "Successful",
                "documentation": "Successful status"
              },
              {
                "name": "Failed",
                "value": "Failed",
                "documentation": "Failed status"
              }
          ]
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#StringList": {
        "type": "list",
        "member": {
          "target": "smithy.api#String",
          "traits":
  {
              "smithy.api#length": {
                "min": 1,
                "max": 100
              }
          }
        },
        "traits": {
          "smithy.api#length": {
            "min": 1,
            "max": 100
          },
          "smithy.api#uniqueItems": {}
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap": {
        "type": "map",
```

```
        "key": {
            "target": "smithy.api#String"
        },
        "value": {
            "target": "smithy.api#String"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription": {
        "type": "structure",
        "members": {
            "Name": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the subscription.</p>"

        }
            },
            "Type": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The type of subscription. The type can be subscription-included with Amazon EC2, Bring Your Own\n      Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain subscriptions may use licensing from the\n      Amazon Web Services Marketplace as well as OS licensing from Amazon EC2 or BYOS.</p>"
                }
            },
            "InstanceCount": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong",
                "traits": {
                    "smithy.api#documentation": "<p>The total amount of running instances using this subscription.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>An object which details a discovered Linux subscription.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
            "message": {
```

```
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request was denied due to request throttling.</p>",
          "smithy.api#error": "client"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest"
        },

      "output": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Updates the service settings for Linux subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/subscription/UpdateServiceSettings"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest":
{
        "type": "structure",
        "members": {
          "LinuxSubscriptionsDiscovery": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
            "traits": {
              "smithy.api#documentation": "<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
              "smithy.api#required": {}
            }
```

```
            },
            "LinuxSubscriptionsDiscoverySettings": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
               "traits": {
                  "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>",

  "smithy.api#required": {}
               }
            },
            "AllowUpdate": {
               "target": "smithy.api#Boolean",
               "traits": {
                  "smithy.api#documentation": "<p>Describes if updates are allowed to the service settings for Linux
subscriptions. If you\n      allow updates, you can aggregate Linux subscription data in more than one home
Region.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse": {
         "type": "structure",
         "members": {
            "LinuxSubscriptionsDiscovery": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
               "traits": {
                  "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
               }
            },

           "LinuxSubscriptionsDiscoverySettings": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
               "traits": {
                  "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>"
               }
            },
            "Status": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
               "traits": {
                  "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
               }
            },
            "StatusMessage": {
               "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
```

```
                "traits": {
                    "smithy.api#documentation":
 "<p>A message which details the Linux subscriptions service settings current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays the aggregated
data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The provided input is not valid. Try your request again.</p>",
            "smithy.api#error": "client"
        }
    }
  }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
  params = &ListLicensesInput{}
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //   - Beneficiary
 //   - ProductSKU
 //   - Fingerprint
 //
   - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}
```

```
func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 if
 err := addProtocolFinalizerMiddlewares(stack, options, "ListLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
```

```
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:
     ServiceID,
  OperationName: "ListLicenses",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
```

```
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
  params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 //
 This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata
```

```
 noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack,
 options, "DisassociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
```

```
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata
 {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "DisassociateLicense",
 }
}
```

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
  params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
 CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string
```

```
// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource
Name (ARN) of the checkout license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string
```

```
 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil
 {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack);
 err != nil {
 return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
```

```
  OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
  params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier
 that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
```

```
// This member is required.
DigitalSignatureMethod types.DigitalSignatureMethod

// License entitlements. Partial checkouts are not supported.
//
// This member is required.
Entitlements []types.EntitlementData

// Amazon Resource Name (ARN) of the license. The license must use the borrow
// consumption configuration.
//
// This member is required.
LicenseArn *string

// Information about constraints.
CheckoutMetadata []types.Metadata

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

// Information about constraints.
CheckoutMetadata []types.Metadata

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
```

```
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return
 err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutBorrowLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return
 err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
```

```
  OperationName: "CheckoutBorrowLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
  params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide
 to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string
```

```
// Configuration for consumption of the license. Choose a provisional
// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity
*types.DatetimeRange

// Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
```

```
}

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CreateLicense"); err != nil {
  return fmt.Errorf("add
 protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
```

```
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
```

```
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName:
 "CreateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
  params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
```

```
//
// This member is required.
LicenseArn *string

// License version.
Version
*string

noSmithyDocumentSerde
}

type GetLicenseOutput struct {

// License details.
License *types.License

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
 return err
}
err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "GetLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return
err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
```

```
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpGetLicenseValidationMiddleware(stack);
 err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
```

```
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "GetLicense",
 }
}
```

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```
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
```

```
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
  params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
   - ProductSKU
 //   - Status
 //   - Fingerprint
 //   - IssuerName
 //   - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
```

```
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{},
 middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "ListReceivedLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
```

```
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}
```

```
func newServiceMetadataMiddleware_opListReceivedLicenses(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "ListReceivedLicenses",
 }
}
```

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```
{
  "smithy": "2.0",
  "shapes": {
    "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>You don't have sufficient access to perform this action.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider": {
      "type": "structure",
      "members": {
        "DirectoryId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The directory ID for an Active Directory identity provider.</p>"
```

```
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
"<p>Details about an Active Directory identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUser": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
           },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Associates the user to an EC2 instance to utilize user-based
subscriptions.</p>\n        <note>\n          <p>Your estimated bill for charges on the number of users and related
costs will take 48\n        hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing
status) in Amazon Web Services Billing. For more information, see <a
href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n
        monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n        </note>",
          "smithy.api#http": {
            "code": 200,
```

```
            "method": "POST",
            "uri": "/user/AssociateUser"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest": {
        "type": "structure",
        "members": {
          "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
              "smithy.api#required": {}
            }
          },
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the
EC2 instance, which provides user-based subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>The identity provider of the user.</p>",
              "smithy.api#required": {}
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
             "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
              "smithy.api#required": {}
            }
```

```
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#BoxInteger": {
          "type": "integer"
        },
        "com.amazonaws.licensemanagerusersubscriptions#ConflictException": {
          "type": "structure",
          "members": {
            "message": {
              "target": "smithy.api#String"
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>The request couldn't be completed because it conflicted with the current
state of the\n      resource.</p>",
            "smithy.api#error": "server"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider":
{
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
             },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Deregisters the identity provider from providing user-based
subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/DeregisterIdentityProvider"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
             "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#documentation":
 "<p>Metadata that describes the results of an identity provider operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser": {
        "type": "operation",
```

```
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Disassociates the user from an EC2 instance providing user-based
subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/DisassociateUser"
            },
            "smithy.api#idempotent": {}
        }

    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
```

```
                "smithy.api#required": {}
              }
            },
            "InstanceId": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation":
"<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required": {}
              }
            },
            "Domain": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse": {
          "type": "structure",
          "members": {
            "InstanceUserSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
              "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
                "smithy.api#required": {}
              }
            }
          }
        },

"com.amazonaws.licensemanagerusersubscriptions#Filter": {
          "type": "structure",
          "members": {
            "Attribute": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of an attribute to use as a filter.</p>"
              }
```

```
            },
            "Operation": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The type of search (For example, eq, geq, leq)</p>"
               }
            },
            "Value": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>Value of the filter.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>A filter name and value pair that is used
 to return more specific results from a describe\n      operation. Filters can be used to match a set of resources by
specific criteria, such as tags,\n      attributes, or IDs.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#FilterList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Filter"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider": {
         "type": "union",
         "members": {
            "ActiveDirectoryIdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider",
               "traits": {
                  "smithy.api#documentation": "<p>An object that details an Active Directory identity provider.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation":
 "<p>Details about an identity provider.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary": {
         "type": "structure",
         "members": {
            "IdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                  "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
```

```
                "smithy.api#required": {}
            }
        },
        "Settings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
            "traits": {
                "smithy.api#documentation": "<p>An object that details the registered identity providers product related configuration\n      settings such as the subnets to provision VPC endpoints.</p>",
                "smithy.api#required":
 {}
            }
        },
        "Product": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
            }
        },
        "Status": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The status of an identity provider.</p>",
                "smithy.api#required": {}
            }
        },
        "FailureMessage": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The failure message associated with an identity provider.</p>"
            }
        }
    },
    "traits": {
        "smithy.api#documentation":
 "<p>Describes an identity provider.</p>"
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList": {
    "type": "list",
    "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary"
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary": {
    "type": "structure",
    "members": {
        "InstanceId": {
```

```
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status
 of an EC2 instance resource.</p>",
              "smithy.api#required": {}
            }
          },
          "Products": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StringList",
            "traits": {
              "smithy.api#documentation": "<p>A list of provided user-based subscription products.</p>",
              "smithy.api#required": {}
            }
          },
          "LastStatusCheckDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The date of the last status check.</p>"
            }
          },
          "StatusMessage": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status message for an EC2 instance.</p>"
            }

    }
      },
      "traits": {
        "smithy.api#documentation": "<p>Describes an EC2 instance providing user-based subscriptions.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary": {
      "type": "structure",
```

```
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "InstanceId": {
                "target": "smithy.api#String",
                "traits":
{
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of a user associated with an EC2 instance.</p>",
                    "smithy.api#required": {}
                }
            },
            "StatusMessage": {
                "target": "smithy.api#String",
                 "traits": {
                    "smithy.api#documentation": "<p>The status message for users of an EC2 instance.</p>"
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            },
            "AssociationDate": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The date a user was associated with an EC2 instance.</p>"
                }
```

```
            },
            "DisassociationDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The date a user was disassociated from an EC2 instance.</p>"
               }
            }

   },
         "traits": {
            "smithy.api#documentation": "<p>Describes users of an EC2 instance providing user-based
subscriptions.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InternalServerException": {
         "type": "structure",
         "members": {
            "message": {
               "target": "smithy.api#String"
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
            "smithy.api#error": "server"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#LicenseManagerUserSubscriptions": {
         "type": "service",

       "version": "2018-05-10",
         "operations": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUser"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders"
```

```
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstances"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations"

},
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings"
        }
      ],
      "traits": {
        "aws.api#service": {
          "sdkId": "License Manager User Subscriptions",
          "arnNamespace": "license-manager-user-subscriptions",
          "cloudTrailEventSource": "license-manager-user-subscriptions.amazonaws.com"
        },
        "aws.auth#sigv4": {
          "name": "license-manager-user-subscriptions"
         },
        "aws.protocols#restJson1": {},
        "smithy.api#cors": {
          "additionalAllowedHeaders": [
            "*",
            "content-type",
            "x-amz-content-sha256",
            "x-amz-user-agent",
            "x-amzn-platform-id",
            "x-amzn-trace-id",
            "content-length",
            "x-api-key",
            "authorization",
            "x-amz-date",
            "x-amz-security-token",
            "Access-Control-Allow-Headers",
```

```
                "Access-Control-Allow-Methods",
                "Access-Control-Allow-Origin"
            ],
            "additionalExposedHeaders": [
                "x-amzn-errortype",
                "x-amzn-requestid",
                "x-amzn-trace-id"

 ]
        },
        "smithy.api#documentation": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with\n      a per user subscription fee on Amazon EC2 instances.</p>",
        "smithy.api#title": "AWS License Manager User Subscriptions",
        "smithy.rules#endpointRuleSet": {
            "version": "1.0",
            "parameters": {
                "Region": {
                    "builtIn": "AWS::Region",
                    "required": false,
                    "documentation": "The AWS region used to dispatch the request.",
                    "type": "String"
                },
                "UseDualStack": {
                    "builtIn": "AWS::UseDualStack",
                    "required": true,
                    "default": false,
                    "documentation": "When true, use the dual-stack
 endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
                    "type": "Boolean"
                },
                "UseFIPS": {
                    "builtIn": "AWS::UseFIPS",
                    "required": true,
                    "default": false,
                    "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
                    "type": "Boolean"
                },
                "Endpoint": {
                    "builtIn": "SDK::Endpoint",
                    "required": false,
                    "documentation": "Override the endpoint used to send this request",
                    "type": "String"
                }

        },
            "rules": [
                {
```

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    "conditions": [
      {
        "fn": "isSet",
        "argv": [
          {
            "ref": "Endpoint"
          }
        ]
      }
    ],
    "type": "tree",
    "rules": [
      {
        "conditions": [
          {
            "fn": "booleanEquals",
            "argv": [
              {
                "ref": "UseFIPS"
              },

              true
              ]
          }
        ],
        "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
        "type": "error"
      },
      {
        "conditions": [
          {
            "fn": "booleanEquals",
            "argv": [
              {
                "ref": "UseDualStack"
              },
              true
            ]
          }
        ],

"error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
        "type": "error"
      },
      {
        "conditions": [],
        "endpoint": {
          "url": {
```

```
                        "ref": "Endpoint"
                    },
                    "properties": {},
                    "headers": {}
                },
                "type": "endpoint"
            }
        ]
    },
    {
        "conditions": [
            {
                "fn": "isSet",
                "argv": [

    {
                        "ref": "Region"
                    }
                ]
            }
        ],
        "type": "tree",
        "rules": [
            {
                "conditions": [
                    {
                        "fn": "aws.partition",
                        "argv": [
                            {
                                "ref": "Region"
                            }
                        ],
                        "assign": "PartitionResult"
                    }
                ],
                "type": "tree",

"rules": [
                    {
                        "conditions": [
                            {
                                "fn": "booleanEquals",
                                "argv": [
                                    {
                                        "ref": "UseFIPS"
                                    },
                                    true
                                ]
```

```
                    },
                    {
                      "fn": "booleanEquals",
                      "argv": [
                        {
                          "ref": "UseDualStack"

                        },
                        true
                      ]
                    }
                  ],
                  "type": "tree",
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                          "fn": "booleanEquals",
                          "argv": [
                            true,
                            {
                              "fn": "getAttr",

"argv": [
                                {
                                  "ref": "PartitionResult"
                                },
                                "supportsFIPS"
                              ]
                            }
                          ]
                        },
                        {
                          "fn": "booleanEquals",
                          "argv": [
                            true,
                            {

          "fn": "getAttr",
                              "argv": [
                                {
                                  "ref": "PartitionResult"
                                },
                                "supportsDualStack"
                              ]
                            }
                          ]
                        }
```

```
                ],
                "type": "tree",
                "rules": [
                  {

        "conditions": [],
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                      "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                      "properties": {},
                      "headers": {}
                    },
                    "type": "endpoint"
                  }
                ]
              },
              {
                "conditions": [],
                "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
                 "type": "error"
              }
            ]
          },
          {
            "conditions": [
              {
                "fn": "booleanEquals",
                "argv": [
                  {
                    "ref": "UseFIPS"
                  },
                  true
                ]
              }
            ],
            "type": "tree",

      "rules": [
              {
                "conditions": [
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      true,
                      {
                        "fn": "getAttr",
                        "argv": [
```

```
                                        {
                                            "ref": "PartitionResult"
                                        },
                                        "supportsFIPS"

                                    ]
                                }
                            ]
                        }
                    ],
                    "type": "tree",
                    "rules": [
                        {
                            "conditions": [],
                            "endpoint": {
                                "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                                "properties": {},
                                "headers": {}

        },
                            "type": "endpoint"
                        }
                    ]
                },
                {
                    "conditions": [],
                    "error": "FIPS is enabled but this partition does not support FIPS",
                    "type": "error"
                }
            ]
        },
        {
            "conditions": [
                {
                    "fn": "booleanEquals",
                    "argv": [
                        {
                            "ref": "UseDualStack"
                        },
                        true
                    ]
                }
            ],
            "type": "tree",
            "rules": [
                {
                    "conditions": [
```

```
                {
                  "fn": "booleanEquals",
                  "argv": [
                    true,
                    {

                     "fn": "getAttr",
                       "argv": [
                         {
                           "ref": "PartitionResult"
                         },
                         "supportsDualStack"
                       ]
                    }
                  ]
                }
              ],
              "type": "tree",
              "rules": [
                {

                  "conditions": [],
                   "endpoint": {
                     "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                     "properties": {},
                     "headers": {}
                   },
                   "type": "endpoint"
                }
              ]
            },
            {
              "conditions": [],
              "error": "DualStack is enabled but this partition does
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              "type": "error"
            }
          ]
        },
        {
          "conditions": [],
          "endpoint": {
            "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dnsSuffix}",
            "properties": {},
            "headers": {}
          },
```

```
                        "type": "endpoint"
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                    ]
                  }
                ]
              },
              {
                "conditions":
[],
                "error": "Invalid Configuration: Missing Region",
                "type": "error"
              }
            ]
          },
          "smithy.rules#endpointTests": {
            "testCases": [
              {
                "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-east-1.api.aws"
                  }
                },
                "params": {
                  "Region": "us-east-1",
                  "UseFIPS": true,
                  "UseDualStack": true
                }
              },
              {
                "documentation":
"For region us-east-1 with FIPS enabled and DualStack disabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-east-1.amazonaws.com"
                  }
                },
                "params": {
                  "Region": "us-east-1",
                  "UseFIPS": true,
                  "UseDualStack": false
                }
              },
              {
                "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
                "expect": {
                  "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-east-1.api.aws"
```

```
            }
        },

    "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": true
        }
    },
    {
        "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
        "expect": {
            "endpoint": {
                "url": "https://license-manager-user-subscriptions.us-east-1.amazonaws.com"
            }
        },
        "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": false
        }
    },
    {
        "documentation": "For region cn-north-1 with
 FIPS enabled and DualStack enabled",
        "expect": {
            "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.cn-north-
1.api.amazonwebservices.com.cn"
            }
        },
        "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
            "UseDualStack": true
        }
    },
    {
        "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
        "expect": {
            "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.cn-north-1.amazonaws.com.cn"
            }
        },

    "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
```

```
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region cn-north-1
with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.cn-north-1.amazonaws.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.api.aws"
            }
          },

    "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
```

```
                "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.amazonaws.com"
              }
            },
            "params": {
              "Region": "us-gov-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-gov-east-1
with FIPS disabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions.us-gov-east-1.api.aws"
              }
            },
            "params": {
              "Region": "us-gov-east-1",
              "UseFIPS": false,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions.us-gov-east-1.amazonaws.com"
              }
            },

        "params": {
              "Region": "us-gov-east-1",
              "UseFIPS": false,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
              "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
            },
            "params": {
              "Region": "us-iso-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
```

```
                {
                  "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
                  "expect":
{
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
                    }
                  },
                  "params": {
                    "Region": "us-iso-east-1",
                    "UseFIPS": true,
                    "UseDualStack": false
                  }
                },
                {
                  "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
                  "expect": {
                    "error": "DualStack is enabled but this partition does not support DualStack"
                  },
                  "params": {
                    "Region": "us-iso-east-1",
                    "UseFIPS": false,
                    "UseDualStack":
true
                  }
                },
                {
                  "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
                  "expect": {
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions.us-iso-east-1.c2s.ic.gov"
                    }
                  },
                  "params": {
                    "Region": "us-iso-east-1",
                    "UseFIPS": false,
                    "UseDualStack": false
                  }
                },
                {
                  "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
                  "expect": {
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this partition does not support one or both"
                  },
                  "params": {
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                    "UseFIPS": true,
```

```
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
            }
          },
          "params": {
            "Region": "us-isob-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }

    },
        {
          "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "error": "DualStack is enabled but this partition does not support DualStack"
          },
          "params": {
            "Region": "us-isob-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-isob-east-1.sc2s.sgov.gov"
            }
          },
           "params": {
            "Region": "us-isob-east-1",
            "UseFIPS": false,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
          "expect": {
            "endpoint": {
              "url": "https://example.com"
            }
          },
```

```
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {

"documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {
      "documentation": "For custom endpoint with fips enabled and dualstack disabled",
      "expect": {
        "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
      },
      "params": {
        "Region": "us-east-1",
         "UseFIPS": true,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {
      "documentation": "For custom endpoint with fips disabled and dualstack enabled",
      "expect": {
        "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": true,
        "Endpoint": "https://example.com"
      }
    },
    {
      "documentation": "Missing region",
      "expect": {
```

```
                    "error": "Invalid Configuration: Missing Region"
                }
            }
        ],
        "version": "1.0"
    }
  }
},
"com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders": {
  "type": "operation",
  "input": {
    "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest"
  },
  "output": {
    "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse"
  },
  "errors": [
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
     },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
    },
    {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
    }
  ],
  "traits": {
    "smithy.api#documentation": "<p>Lists the identity providers for user-based subscriptions.</p>",
    "smithy.api#http": {
      "code": 200,
      "method": "POST",
      "uri": "/identity-provider/ListIdentityProviders"
    },
    "smithy.api#paginated":
```

```
{
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "IdentityProviderSummaries"
          }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest": {
      "type": "structure",
      "members": {
        "MaxResults": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
          "traits": {
            "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse":
{
      "type": "structure",
      "members": {
        "IdentityProviderSummaries": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList",
          "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the list identity providers operation.</p>",
            "smithy.api#required": {}
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListInstances": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest"
```

```
    },
    "output": {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse"
    },
    "errors": [
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
      }
    ],
    "traits": {
      "smithy.api#documentation": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
      "smithy.api#http": {
        "code": 200,
        "method": "POST",
        "uri": "/instance/ListInstances"
      },
      "smithy.api#paginated": {
        "inputToken": "NextToken",
        "outputToken": "NextToken",
        "pageSize": "MaxResults",
        "items": "InstanceSummaries"
      }
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest": {
    "type": "structure",
    "members": {
      "MaxResults": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
```

```
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse": {
        "type":
 "structure",
        "members": {
          "InstanceSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list instances operation.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse"
         },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
             }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Lists the user-based subscription products available from an identity
provider.</p>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/user/ListProductSubscriptions"
            },
            "smithy.api#paginated": {
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "ProductUserSummaries"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest": {
         "type": "structure",
         "members": {
            "Product": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The name
 of the user-based subscription product.</p>",
                  "smithy.api#required": {}
               }
            },
            "IdentityProvider": {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {

  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse": {
        "type": "structure",
        "members": {
          "ProductUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list product subscriptions operation.</p>"
            }
          },

       "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations": {
```

```
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target":
"com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists user associations for an identity provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListUserAssociations"
            },
            "smithy.api#paginated":
{
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "InstanceUserSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest": {
```

```
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list user association operation.</p>"
            }
```

```
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary": {
      "type": "structure",
      "members": {

      "Username": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
            "smithy.api#required": {}
          }
        },
        "Product": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
            "smithy.api#required": {}
          }
        },
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }

    },
        "Status": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status of a product for a user.</p>",
            "smithy.api#required": {}
          }
        },
        "StatusMessage": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The status message for a product for a user.</p>"
          }
        },
```

```
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            },
            "SubscriptionStartDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The
start date of a subscription.</p>"
               }
            },
            "SubscriptionEndDate": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The end date of a subscription.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>The summary of the user-based subscription products for a user.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider": {
         "type": "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest"
          },
         "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse"
         },
         "errors": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Registers an identity provider for user-based subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/RegisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity
provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "Settings": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
                "traits": {
                    "smithy.api#documentation": "<p>The registered identity providers product related configuration
settings such as the\n      subnets to provision VPC endpoints.</p>"
                }
            }
```

```
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary":
{
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the results of an identity provider
operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The resource couldn't be found.</p>",
          "smithy.api#error": "client",
          "smithy.api#httpError": 404
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup": {
        "type": "string",

    "traits": {
          "smithy.api#length": {
            "min": 5,
            "max": 200
          },
          "smithy.api#pattern": "^sg-(([0-9a-z]{8})|([0-9a-z]{17}))$"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
```

```
            "smithy.api#documentation": "<p>The request failed because a service quota is exceeded.</p>",
            "smithy.api#error": "client"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Settings": {
        "type": "structure",
        "members": {
            "Subnets": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
                "traits": {
                    "smithy.api#documentation":
"<p>The subnets defined for the registered identity provider.</p>",
                    "smithy.api#length": {
                        "min": 1
                    },
                    "smithy.api#required": {}
                }
            },
            "SecurityGroupId": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
                "traits": {
                    "smithy.api#documentation": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in\n      your VPC and the VPC endpoint for activation servers.</p>",
                    "smithy.api#required": {}
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The registered identity providers product related configuration settings
such as the\n      subnets to provision VPC endpoints, and the security group ID that
 is associated with the VPC\n      endpoints. The security group should permit inbound TCP port 1688
communication from resources\n      in the VPC.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Starts a product subscription for a user with the specified identity provider.</p>\n         <note>\n            <p>Your estimated bill for charges on the number of users and related costs will take 48\n         hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing.
 For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n         monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n         </note>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/user/StartProductSubscription"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest": {
         "type": "structure",
         "members": {
            "Username": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
                  "smithy.api#required": {}
               }
            },
            "IdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                  "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                  "smithy.api#required": {}
               }
```

```
            },
            "Product": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                  "smithy.api#required": {}
               }
            },
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse": {
         "type": "structure",
          "members": {
            "ProductUserSummary": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
               "traits": {
                  "smithy.api#documentation": "<p>Metadata that describes the start product subscription
operation.</p>",
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription": {
         "type": "operation",
         "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest"
         },
         "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse"
         },
         "errors": [
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"

   },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Stops a product subscription for a user with the specified identity
provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/StopProductSubscription"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required":
{}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
```

```
            "Domain": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The domain name of the user.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse": {
         "type": "structure",
         "members": {
            "ProductUserSummary": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
               "traits": {
                  "smithy.api#documentation":
"<p>Metadata that describes the start product subscription operation.</p>",
                  "smithy.api#required": {}
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StringList": {
         "type": "list",
         "member": {
            "target": "smithy.api#String"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnet": {
         "type": "string",
         "traits": {
            "smithy.api#pattern": "subnet-[a-z0-9]{8,17}"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Subnets": {
         "type": "list",
         "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Subnet"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException": {
         "type": "structure",
         "members": {
            "message": {

             "target": "smithy.api#String"
            }
         },
         "traits": {
```

```
            "smithy.api#documentation": "<p>The request was denied because of request throttling. Retry the
request.</p>",
            "smithy.api#error": "client"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Updates additional product configuration settings for the registered
identity\n      provider.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/identity-provider/UpdateIdentityProviderSettings"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest": {
          "type": "structure",
          "members": {
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                 "smithy.api#required": {}
               }
            },
            "Product": {
```

```
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "UpdateSettings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings",
            "traits": {
              "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration settings. You can\n      update any combination of settings in a single operation such as the:</p>\n <ul>\n          <li>\n              <p>Subnets which you want to add to provision VPC endpoints.</p>\n          </li>\n          <li>\n              <p>Subnets which you want to remove the VPC endpoints from.</p>\n          </li>\n <li>\n              <p>Security group ID which permits traffic to the VPC endpoints.</p>\n          </li>\n      </ul>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings": {
        "type": "structure",
        "members": {
          "AddSubnets": {

           "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation": "<p>The ID of one or more subnets in which License Manager will create a VPC endpoint for products that\n      require connectivity to activation servers.</p>",
              "smithy.api#required": {}
            }
          },
          "RemoveSubnets": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation": "<p>The ID of one or more subnets to remove.</p>",
              "smithy.api#required": {}
            }
```

```
            },
            "SecurityGroupId": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
               "traits": {
                  "smithy.api#documentation": "<p>A security group ID
 that allows inbound TCP port 1688 communication between resources in\n      your VPC and the VPC endpoints for
activation servers.</p>"
               }
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration
settings such as\n      the subnets to provision VPC endpoints.</p>"
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ValidationException": {
         "type": "structure",
         "members": {
            "message": {
               "target": "smithy.api#String"
            }
         },
         "traits": {
            "smithy.api#documentation": "<p>A parameter is not valid.</p>",
            "smithy.api#error": "client"
         }
      }
   }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
  params = &DeleteLicenseInput{}
```

```
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version
 of the license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{}, middleware.After)
```

```
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "DeleteLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack,
options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
```

```
 if
 err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "DeleteLicense",
 }
}
```

1.646 cyrus-sasl 2.1.27+dfsg-2.1+deb11u1

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* Tim Martin
* Rob Earhart
* Rob Siemborski
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1.647 ehcache-xml 3.8.1

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Found in path(s):
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/CacheResourceConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultCacheEventDispatcherConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/CoreServiceCreationConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultSerializerConfigurationParser.java
*
 /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/CoreCacheConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/provider/OffHeapDiskStoreProviderConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/multi/XmlMultiConfiguration.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/ServiceCreationConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/XmlConfiguration.java
* /ehcache-xml-3-8-1-sources-1-
jar/org/ehcache/xml/provider/DefaultSizeOfEngineProviderConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/model/SizeOfEngineLimits.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/model/CacheTemplate.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/SimpleCoreServiceConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/model/CacheSpec.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/provider/PooledExecutionServiceConfigurationParser.java
*
 /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/CoreServiceConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/provider/ThreadPoolServiceCreationConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultCacheLoaderWriterConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/provider/DefaultCopyProviderConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultCopierConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/XmlModel.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/model/CacheDefinition.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/JaxbHelper.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/BaseConfigParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/model/Expiry.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/ConfigurationParser.java
*
 /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/exceptions/XmlConfigurationException.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultResilienceStrategyConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/model/ListenersConfig.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/CacheServiceConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultSizeOfEngineConfigurationParser.java

* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/provider/WriteBehindProviderConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/provider/CacheManagerPersistenceConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultCacheEventListenerConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/provider/DefaultSerializationProviderConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultWriteBehindConfigurationParser.java
*
/ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/provider/SimpleCoreServiceCreationConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/CacheManagerServiceConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/ServiceConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/ResourceConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/DomUtil.java
* /ehcache-xml-3-8-1-sources-1-jar/org/ehcache/xml/service/OffHeapDiskStoreConfigurationParser.java
* /ehcache-xml-3-8-1-sources-1-
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1.648 gnupg 2.2.27-2+deb11u2

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#+STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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* Regular
expression support

regexp/jimregexp.[ch]:

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Subsequently modified by:

1986 John Gilmore hoptoad!gnu
1987 James A. Woods ames!jaw
1993 Christopher Seiwald seiwald@vix.com
2000, 2002 Christopher Seiwald <seiwald@perforce.com>
2010 Steve Bennett <steveb@workware.net.au>
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regexp/utf8.[ch] (see regexp/LICENSE):

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1.649 swagger-integration 2.1.9

1.649.1 Available under license :

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Manifest-Version: 1.0
Bundle-Description: swagger-integration
Automatic-Module-Name: io.swagger.v3.oas.integration
Bundle-License: "Apache License 2.0";link="http://www.apache.org/licen
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package: io.swagger
Bundle-SymbolicName: io.swagger.core.v3.swagger-integration
implementation-version: 2.1.9
Built-By: runner
Bundle-ManifestVersion: 2
Bundle-DocURL: https://github.com/swagger-api/swagger-core/modules/swa
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Import-Package: com.fasterxml.jackson.annotation;version="[2.12,3)",co
m.fasterxml.jackson.databind;version="[2.12,3)",com.fasterxml.jackson
.databind.annotation;version="[2.12,3)",io.github.classgraph;version=
"[4.8,5)",io.swagger.v3.core.converter;version="[2.1,3)",io.swagger.v
3.core.jackson;version="[2.1,3)",io.swagger.v3.core.util;version="[2.
1,3)",io.swagger.v3.oas.annotations;version="[2.1,3)",io.swagger.v3.o
as.integration,io.swagger.v3.oas.integration.api,io.swagger.v3.oas.mo
dels;version="[2.1,3)",io.swagger.v3.oas.models.media;version="[2.1,3
)",org.apache.commons.lang3;version="[3.7,4)",org.apache.commons.lang
3.tuple;version="[3.7,4)",org.slf4j;version="[1.7,2)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Bundle-Developers: fehguy;email="fehguy@gmail.com";name="Tony Tam",web
ron;email="webron@gmail.com";name="Ron Ratovsky"
url: https://github.com/swagger-api/swagger-core/modules/swagger-integ
ration
mode: development
Export-Package: io.swagger.v3.oas.integration;uses:="com.fasterxml.jac
kson.databind,io.swagger.v3.core.converter,io.swagger.v3.core.util,io
.swagger.v3.oas.integration.api,io.swagger.v3.oas.models,org.apache.c
ommons.lang3.tuple,org.slf4j";version="2.1.9",io.swagger.v3.oas.integ
ration.api;uses:="com.fasterxml.jackson.databind,io.swagger.v3.core.c
onverter,io.swagger.v3.oas.integration,io.swagger.v3.oas.models";vers
ion="2.1.9"
Bundle-Name: swagger-integration
Bundle-Version:
2.1.9
Bundle-SCM: url="https://github.com/swagger-api/swagger-core/modules/s

wagger-integration",connection="scm:git:git@github.com:swagger-api/sw
agger-core.git/modules/swagger-integration",developer-connection="scm
:git:git@github.com:swagger-api/swagger-core.git/modules/swagger-inte
gration",tag=HEAD
Created-By: Apache Maven 3.6.3
Build-Jdk: 1.8.0_282

Found in path(s):
* /swagger-integration-2-1-9-jar/META-INF/MANIFEST.MF

1.650 ehcache 3.8.1

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Found in path(s):
* /ehcache-3-8-1-sources-1-jar/META-INF/maven/org.ehcache.modules/ehcache-impl/pom.xml
* /ehcache-3-8-1-sources-1-jar/META-INF/maven/org.ehcache.modules/ehcache-core/pom.xml
* /ehcache-3-8-1-sources-1-jar/META-INF/maven/org.ehcache.modules/ehcache-107/pom.xml
* /ehcache-3-8-1-sources-1-jar/META-INF/maven/org.ehcache.modules/ehcache-xml/pom.xml
* /ehcache-3-8-1-sources-1-jar/META-INF/maven/org.ehcache.modules/ehcache-api/pom.xml
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Found in path(s):
* /ehcache-3-8-1-sources-1-jar/ehcache-multi.xsd
* /ehcache-3-8-1-sources-1-jar/ehcache-core.xsd
* /ehcache-3-8-1-sources-1-jar/ehcache-107-ext.xsd
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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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*/

Found in path(s):
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/DefaultConfigurationResolver.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/service/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/InvocationScopedEventSink.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/ResourceUnit.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/core/Jsr107Cache.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/SizedResourcePoolImpl.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/serialization/CompactJavaSerializer.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/Eh107IdentityCopier.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/service/OptionalServiceDependencies.java
* /ehcache-3-8-1-sources-1-
jar/org/ehcache/impl/internal/spi/loaderwriter/DefaultCacheLoaderWriterProviderFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/CacheResources.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/sizeof/DefaultSizeOfEngineProviderFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/CloseUtil.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/CacheLoaderWriter.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/store/heap/SizeOfEngineProvider.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/InternalStatus.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/service/ServiceConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/PooledExecutionService.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/BulkCacheLoadingException.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/loaderwriter/LocalLoaderWriterStore.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/CacheIterationException.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/builders/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/config/CoreConfigurationBuilder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/OperationStatistic.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/serialization/DoubleSerializer.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/LatencyHistogramConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/CacheServiceConfigurationParser.java
*

/ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/OnHeapStrategy.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/expiry/ExpiryPolicy.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/loaderwriter/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/WriteOperation.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/store/disk/OffHeapDiskStoreProviderConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/ClassInstanceProvider.java
* /ehcache-3-8-1-sources-1-
jar/org/ehcache/impl/config/loaderwriter/DefaultCacheLoaderWriterProviderConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/Eh107Configuration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/copy/DefaultCopyProvider.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/copy/DefaultCopyProviderFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/store/DefaultStoreEventDispatcher.java
*
/ehcache-3-8-1-sources-1-jar/org/ehcache/impl/serialization/CharSerializer.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/provider/WriteBehindProviderConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/persistence/CacheManagerPersistenceConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/service/ServiceDependencies.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/Eviction.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/Jsr107Service.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapStore.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/HeuristicConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/serialization/LongSerializer.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/disk/factories/EhcachePersistentSegmentFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/config/DefaultConfiguration.java
*
/ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/serializer/DefaultSerializationProviderConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/internal/util/ValueSuppliers.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/holders/LookupOnlyOnHeapKey.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/serialization/ByteArraySerializer.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/time/TimeSourceService.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/holders/OnHeapKey.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/copy/CopyProvider.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/service/ServiceCreationConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/service/ServiceProvider.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/resilience/ResilienceStrategyProvider.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/events/StoreEventDispatcher.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/JaxbHelper.java
*
/ehcache-3-8-1-sources-1-jar/org/ehcache/impl/events/EventDispatchTask.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/copy/DefaultCopyProviderConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/model/CacheSpec.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/BinaryValueHolder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/internal/WrappedCacheLoaderWriter.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/portability/SerializerPortability.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/DefaultStatisticsService.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/units/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/builders/PooledExecutionServiceConfigurationBuilder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/BinaryOffHeapValueHolder.java

* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/ServiceConfigurationParser.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/XmlConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/TierStatistics.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/config/store/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/service/SimpleCoreServiceConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/model/CacheDefinition.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/loaderwriter/DefaultCacheLoaderWriterConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/serialization/TransientStateRepository.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/Unwrap.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/time/SystemTimeSource.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/PartitionedUnorderedExecutor.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/EhcacheExpiryWrapper.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/NullCompletionListener.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/core/InternalCache.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/SimpleBackend.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapStoreProviderFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/AbstractOffHeapStore.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/BaseCacheConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/persistence/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/DefaultTierStatistics.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/loaderwriter/writebehind/AbstractWriteBehind.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/builders/CacheManagerBuilder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/disk/DiskWriteThreadPool.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/config/Jsr107Configuration.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/persistence/DefaultDiskResourceServiceFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/config/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/BulkCacheWritingException.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/copy/IdentityCopier.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/TimeSourceConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/store/tiering/CachingTier.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/SingleOperation.java
* /ehcache-3-8-1-sources-1-
jar/org/ehcache/impl/internal/store/disk/EhcachePersistentConcurrentOffHeapClockCache.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/provider/SimpleCoreServiceCreationConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/event/CacheEvent.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/CacheLoadingException.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultSerializerConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/builders/WriteBehindConfigurationBuilder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/event/EventFiring.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/serialization/DefaultSerializationProviderFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/factories/EhcacheSegmentFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/resilience/RobustResilienceStrategy.java

* /ehcache-3-8-1-sources-1-jar/org/ehcache/StateTransitionException.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/events/StateChangeListener.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/expiry/Expiry.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/CloseableStoreEventSink.java
*
/ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/loaderwriter/writebehind/WriteBehindProviderFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/provider/PooledExecutionServiceConfigurationParser.java
* /ehcache-3-8-1-sources-1-
jar/org/ehcache/impl/internal/store/loaderwriter/LocalWriteBehindLoaderWriterStore.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/copy/ReadWriteCopier.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/event/EventType.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/persistence/DefaultPersistenceConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/events/EventListenerWrapper.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/FluentConfigurationBuilder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/OnHeapStoreProviderFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/basic/NopStore.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/CacheManagerServiceConfigurationParser.java
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/ehcache-3-8-1-sources-1-
jar/org/ehcache/impl/config/loaderwriter/writebehind/WriteBehindProviderConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/store/events/StoreEvent.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapValueHolder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/SizedResourcePool.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/ClassInstanceConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/units/EntryUnit.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/store/tiering/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/OnDemandExecutionService.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/events/CacheManagerListener.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/loaderwriter/LoaderWriterStoreProviderFactory.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/ConfigurationMerger.java
*
/ehcache-3-8-1-sources-1-jar/org/ehcache/core/InternalRuntimeConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/builders/ConfigurationBuilder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/ResourceConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/sizeof/listeners/exceptions/VisitorListenerException.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/service/Service.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/expiry/Duration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/CacheLoaderWriterConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/executor/OutOfBandScheduledExecutor.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/event/DefaultCacheEventListenerConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/ServiceLocator.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/EhcacheManager.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/units/MemoryUnit.java
*
/ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/HigherCachingTierOperationOutcomes.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/ResourcePools.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/copy/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/loaderwriter/writebehind/WriteBehind.java

* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/event/DefaultCacheEventDispatcherConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/PersistentUserManagedEhcache.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/PersistentUserManagedCache.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/serialization/DefaultSerializationProvider.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/builders/CacheEventListenerConfigurationBuilder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/event/DefaultEventSourceConfiguration.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/core/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/DelegatingOperationObserver.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/LowerCachingTierOperationsOutcome.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/store/tiering/AuthoritativeTier.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/store/events/StoreEventSource.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/CacheConfigurationProperty.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/copy/SerializingCopier.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/DefaultCacheManagerProviderService.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/builders/CacheConfigurationBuilder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/XmlModel.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/builders/ExpiryPolicyBuilder.java
* /ehcache-3-8-1-sources-1-
jar/org/ehcache/impl/internal/store/offheap/EhcacheConcurrentOffHeapClockCache.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/core/internal/resilience/ThrowingResilienceStrategy.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/Cache.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/OffHeapStoreUtils.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/resilience/DefaultResilienceStrategyProvider.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/loaderwriter/CacheLoaderWriterProvider.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/expiry/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/disk/OffHeapDiskStore.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/persistence/package-info.java
* /ehcache-3-8-1-sources-1-
jar/org/ehcache/impl/internal/loaderwriter/writebehind/operations/DeleteAllOperation.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/TierOperationOutcomes.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/ResourcePool.java
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* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/service/ServiceUtils.java

* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/events/ThreadLocalStoreEventDispatcher.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/offheap/MemorySizeParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/CacheManager.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/service/FileBasedPersistenceContext.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/core/util/ByteBufferInputStream.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/Eh107MXBean.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/CacheResourceConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/EhcacheBase.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/ConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/resilience/StoreAccessException.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/service/DefaultSizeOfEngineConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/exceptions/XmlConfigurationException.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/OnHeapStore.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/ServiceCreationConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/persistence/StateRepository.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/Configuration.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/SuppliedValueStatistic.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/loaderwriter/writebehind/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/store/heap/SizeOfEngine.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/event/CacheEventListener.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/persistence/StateHolder.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/store/heap/KeyCopyBackend.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/ClassInstanceProviderConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/sizeof/listeners/EhcacheVisitorListener.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/events/CacheEvents.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/osgi/OsgiServiceLoader.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/ZeroOperationStatistic.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/spi/store/Store.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/util/ServiceUtil.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/serialization/FloatSerializer.java
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* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/copy/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/CacheConfigurationChangeEvent.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/config/resilience/DefaultResilienceStrategyConfiguration.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/SourceStatistic.java
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* /ehcache-3-8-1-sources-1-jar/org/ehcache/config/CacheRuntimeConfiguration.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/CoreCacheConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/jsr107/internal/Jsr107CacheConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/spi/service/package-info.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/core/statistics/Jsr107LatencyMonitor.java

* /ehcache-3-8-1-sources-1-jar/org/ehcache/xml/provider/DefaultSizeOfEngineProviderConfigurationParser.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/spi/event/DefaultCacheEventListenerProvider.java
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* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/commonslang/ArrayUtils.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/commonslang/reflect/MemberUtils.java
*
 /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/commonslang/ClassUtils.java
* /ehcache-3-8-1-sources-1-jar/org/ehcache/impl/internal/classes/commonslang/reflect/MethodUtils.java
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org.ehcache.jsr107.internal.Jsr107CacheConfigurationParser

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1.651 pam 1.4.0-9+deb11u1

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1.653 debianutils 4.11.2

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1.658 zlib 1.2.11.dfsg-2ubuntu1.5

1.658.1 Available under license :

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/* gun.c -- simple gunzip to give an example of the use of inflateBack()
* Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
Version 1.7 12 August 2012 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c
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/* gzwrite.c -- zlib functions for writing gzip files
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*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c
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*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zlib_how.html
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/* unzip.c -- IO for uncompress .zip files using zlib
 Version 1.1, February 14h, 2010
 part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

Modifications of Unzip for Zip64
Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of
compatibility with older software. The following is from the original crypt.c.
Code woven in by Terry Thorsen 1/2003.

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(the contents of which are also included in zip.h) for terms of use.
If, for some reason, all these files are missing, the Info-ZIP license
also may be found at: ftp://ftp.info-zip.org/pub/infozip/license.html

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the
non-echoing password parts) were originally written in Europe. The
whole source package can be freely distributed, including from the USA.
(Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from
Roger Schlafly, described by Phil Katz in the file appnote.txt. This
file (appnote.txt) is distributed with the PKZIP program (even in the
version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

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Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).
Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G
should only read the compressed/uncompressed size from the Zip64 format if
the size from normal header was 0xFFFFFFFF
Oct-2009 - Mathias Svensson - Applied some bug fixes from paches recived from Gilles Vollant
Oct-2009 - Mathias Svensson - Applied support to unzip files with compression mathod
BZIP2 (bzip2 lib is required)
Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

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*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2
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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3

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/* inflate.c -- zlib decompression
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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c
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/* infback.c -- inflate using a call-back interface
* Copyright (C) 1995-2016 Mark Adler
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*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infback.c
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/* gzlog.h
Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
version 2.2, 14 Aug 2012

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Mark Adler madler@alumni.caltech.edu
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h
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/* uncompr.c -- decompress a memory buffer
* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c
No license file was found, but licenses were detected in source scan.

/* inflate.h -- internal inflate state definition
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h
/* 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).
*/

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

/* zip.h -- IO on .zip files using zlib
Version 1.1, February 14h, 2010
part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

Modifications for Zip64 support
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h
No license file was found, but licenses were detected in source scan.

/*
* gzlog.c

* Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
* For conditions of distribution and use, see copyright notice in gzlog.h
* version 2.2, 14 Aug 2012
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c
No license file was found, but licenses were detected in source scan.

/* gzjoin -- command to join gzip files into one gzip file

Copyright (C) 2004, 2005, 2012 Mark Adler, all rights reserved
version 1.2, 14 Aug 2012

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Mark Adler madler@alumni.caltech.edu
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c
No license file was found, but licenses were detected in source scan.

ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is
thread safe. The data format used by the zlib library is described by RFCs
(Request for Comments) 1950 to 1952 in the files
http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and
rfc1952 (gzip format).

All functions of the compression library are documented in the file zlib.h
(volunteer to write man pages welcome, contact zlib@gzip.org). A usage example

of the library is given in the file test/example.c which also tests that
the library is working correctly. Another example is given in the file
test/minigzip.c. The compression library itself is composed of all source
files in the root directory.

To compile all files and run the test program, follow the instructions given at
the top of Makefile.in. In short "./configure; make test", and if that goes
well, "make install" should work
 for most flavors of Unix. For Windows, use
one of the special makefiles in win32/ or contrib/vstudio/ . For VMS, use
make_vms.com.

Questions about zlib should be sent to <zlib@gzip.org>, or to Gilles Vollant
<info@winimage.com> for the Windows DLL version. The zlib home page is
http://zlib.net/ . Before reporting a problem, please check this site to
verify that you have the latest version of zlib; otherwise get the latest
version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson <markn@ieee.org> wrote an article about zlib for the Jan. 1997
issue of Dr. Dobb's Journal; a copy of the article is available at
http://marknelson.us/1997/01/01/zlib-engine/ .

The changes made in version 1.2.11 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory contrib/ .

zlib is available in Java using the java.util.zip package, documented at
http://java.sun.com/developer/technicalArticles/Programming/compression/
 .

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is available
at CPAN (Comprehensive Perl Archive Network) sites, including
http://search.cpan.org/~pmqs/IO-Compress-Zlib/ .

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is
available in Python 1.5 and later versions, see
http://docs.python.org/library/zlib.html .

zlib is built into tcl: http://wiki.tcl.tk/4610 .

An experimental package to read and write files in .zip format, written on top
of zlib by Gilles Vollant <info@winimage.com>, is available in the
contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt

- For 64-bit Irix, deflate.c must be compiled without any optimization. With
 -O, one libpng test fails. The test works in 32 bit mode (with the -n32
 compiler flag). The compiler bug has been reported to SGI.

- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under
 OSF/1 2.1 it works
 when compiled with cc.

- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is
 necessary to get gzprintf working correctly. This is done by configure.

- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with
 other compilers. Use "make test" to check your compiler.

- gzdopen is not supported on RISCOS or BEOS.

- For PalmOs, see http://palmzlib.sourceforge.net/

Acknowledgments:

 The deflate format used by zlib was defined by Phil Katz. The deflate and
 zlib specifications were written by L. Peter Deutsch. Thanks to all the
 people who reported problems and suggested various improvements in zlib; they
 are too numerous to cite here.

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jloup@gzip.org madler@alumni.caltech.edu

If you use the zlib library in a product, we would appreciate *not* receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include
third-party code.

If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes. Please read the FAQ for more information on the distribution of modified source versions.

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README
No license file was found, but licenses were detected in source scan.

/* fitblk.c: example of fitting compressed output to a specified size
Not copyrighted -- provided to the public domain
Version 1.1 25 November 2004 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c
No license file was found, but licenses were detected in source scan.

/* gzread.c -- zlib functions for reading gzip files
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c
No license file was found, but licenses were detected in source scan.

/* inftrees.h -- header to use inftrees.c
* Copyright (C) 1995-2005, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.h
No license file was found, but licenses were detected in source scan.

/* 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).
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h
No license file was found, but licenses were detected in source scan.

/* deflate.c -- compress data using the deflation algorithm
* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c
No license file was found, but licenses were detected in source scan.

/* zconf.h -- configuration of the zlib compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein
No license file was found, but licenses were detected in source scan.

/* deflate.h -- internal compression state
* Copyright (C) 1995-2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h
No license file was found, but licenses were detected in source scan.

/* minigzip.c -- simulate gzip using the zlib compression library
* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c
No license file was found, but licenses were detected in source scan.

/* gzlib.c -- zlib functions common to reading and writing gzip files
* Copyright (C) 2004-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c
No license file was found, but licenses were detected in source scan.

/* inftrees.c -- generate Huffman trees for efficient decoding
* Copyright (C) 1995-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c
No license file was found, but licenses were detected in source scan.

/* infcover.c -- test zlib's inflate routines with full code coverage
* Copyright (C) 2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c
No license file was found, but licenses were detected in source scan.

/* zutil.c -- target dependent utility functions for the compression library
* Copyright (C) 1995-2017 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c
No license file was found, but licenses were detected in source scan.

/* example.c -- usage example of the zlib compression library
* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/example.c
No license file was found, but licenses were detected in source scan.

/*
Additional tools for Minizip
Code: Xavier Roche '2004
License: Same as ZLIB (www.gzip.org)
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c
No license file was found, but licenses were detected in source scan.

/* trees.c -- output deflated data using Huffman coding
* Copyright (C) 1995-2017 Jean-loup Gailly
* detect_data_type() function provided freely by Cosmin Truta, 2006
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c
No license file was found, but licenses were detected in source scan.

MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (http://www.winimage.com/zLibDll/minizip.html)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0.
All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64 support for unzip.c into minizip for a open source project called gdal (http://www.gdal.org/)

That was used as a starting point. And after that ZIP64 support was added to zip.c some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

---

* Added ZIP64 support for unzip (by Even Rouault)
* Added ZIP64 support for zip (by Mathias Svensson)
* Reverted some changed that Even Rouault did.
* Bunch of patches received from Gulles Vollant that he received for MiniZip from various users.
* Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
* Added BZIP Compress method for zip
* Did some refactoring and code cleanup

Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout http://result42.com/projects/ZipFileLayout
Command line tool for Windows that shows the layout and information of the headers in a zip archive.
Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note http://www.pkware.com/documents/casestudies/APPNOTE.TXT
Zip File specification

Notes.

* To be able to use BZip compression method in zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt
No license file was found, but licenses were detected in source scan.

/* compress.c -- compress a memory buffer
* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c
No license file was found, but licenses were detected in source scan.

/* gzclose.c -- zlib gzclose() function
* Copyright (C) 2004, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c
No license file was found, but licenses were detected in source scan.

/* unzip.h -- IO for uncompress .zip files using zlib
  Version 1.1, February 14h, 2010
  part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

        Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

Modifications of Unzip for Zip64
Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

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Changes

See header of unzip64.c

*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h
No license file was found, but licenses were detected in source scan.

/* zran.c -- example of zlib/gzip stream indexing and random access
* Copyright (C) 2005, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
  Version 1.1 29 Sep 2012 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c

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

/* inffast.c -- fast decoding
* Copyright (C) 1995-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c
No license file was found, but licenses were detected in source scan.

/* crc32.c -- compute the CRC-32 of a data stream
* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*
* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster
* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing
* tables for updating the shift register in one step with three exclusive-ors
* instead of four steps with four exclusive-ors. This results in about a
* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c
No license file was found, but licenses were detected in source scan.

/* adler32.c -- compute the Adler-32 checksum of a data stream
* Copyright (C) 1995-2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c
No license file was found, but licenses were detected in source scan.

/* zutil.h -- internal interface and configuration of the compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h
No license file was found, but licenses were detected in source scan.

/* gzguts.h -- zlib internal header definitions for gz* operations
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h
No license file was found, but licenses were detected in source scan.

/* zpipe.c: example of proper use of zlib's inflate() and deflate()
  Not copyrighted -- provided to the public domain
  Version 1.4 11 December 2005 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c
No license file was found, but licenses were detected in source scan.

/* gzappend -- command to append to a gzip file

  Copyright (C) 2003, 2012 Mark Adler, all rights reserved
  version 1.2, 11 Oct 2012

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  Mark Adler   madler@alumni.caltech.edu
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c
No license file was found, but licenses were detected in source scan.

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page
http://zlib.net/ which may have more recent information.
The lastest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the file win32/DLL_FAQ.txt in the zlib distribution. Pointers to the precompiled DLL are found in the zlib web site at http://zlib.net/ .

3. Where can I get a Visual Basic interface to zlib?

See

* http://marknelson.us/1997/01/01/zlib-engine/
* win32/DLL_FAQ.txt in the zlib distribution

4. compress() returns Z_BUF_ERROR.

Make sure that before the call of compress(), the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual Basic, check that this parameter is passed by reference ("as any"), not by value ("as long").

5. deflate() or inflate() returns Z_BUF_ERROR.

Before making the call, make sure that avail_in and avail_out are not zero. When setting the parameter flush equal to Z_FINISH, also make sure that avail_out is big enough to allow processing all pending input. Note that a Z_BUF_ERROR is not fatal--another call to deflate() or inflate() can be made with more input or output space. A Z_BUF_ERROR may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when strm.avail_out returns with zero. See http://zlib.net/zlib_how.html for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in zlib.h . Examples of zlib usage are in the files test/example.c and test/minigzip.c, with more in examples/ .

7. Why don't you use GNU autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib. Please try to reproduce the problem with a small program and send the corresponding source to us at zlib@gzip.org . Do not send multi-megabyte data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

example.o(.text+0x154): undefined reference to `gzputc'

check that you don't have old files libz.* in /usr/lib, /usr/local/lib or /usr/X11R6/lib. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the contrib/delphi directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory contrib/minizip in the zlib distribution.

12.
Can zlib handle .Z files?

No, sorry. You have to spawn an uncompress or gunzip subprocess, or adapt the code of uncompress on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

make distclean
./configure
make

14. How do I install a shared zlib library on Unix?

After the above, then:

make install

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and

trying to install it, you may want to check if it's already there! If you can #include <zlib.h>, it's there. The -lz option will probably link to it. You can check the version at the top of zlib.h or with the ZLIB_VERSION symbol defined in zlib.h .

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16.
Can zlib decode Flate data in an Adobe PDF file?

Yes. See http://www.pdflib.com/ . To modify PDF forms, see http://sourceforge.net/projects/acroformtool/ .

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so: symbol __register_frame_info: referenced symbol not found

The symbol __register_frame_info is not part of zlib, it is generated by the C compiler (cc or gcc). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See http://www.sunfreeware.com for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The compress and deflate functions produce data in the zlib format, which is different and incompatible
with the gzip format. The gz* functions in
zlib on the other hand use the gzip format. Both the zlib and gzip formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The gzip format was designed to retain the directory information about a single file, such as the name and last modification date. The zlib format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than gzip.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib format using deflateInit2(). You can also request that inflate decode the gzip format using inflateInit2(). Read zlib.h for more details.

21. Is zlib thread-safe?

Yes. However any library routines that zlib uses and any application-provided memory allocation routines must also be thread-safe. zlib's gz* functions use stdio library routines, and most of zlib's functions use the library memory allocation routines by default. zlib's *Init* functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in zlib.h.

23. Is zlib under the GNU license?

No. Please read the license in zlib.h.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the ZLIB_VERSION and ZLIB_VERNUM #defines in zlib.h. In particular, the final version number needs to be changed to "f", and an identification string should be appended to ZLIB_VERSION. Version numbers x.x.x.f are reserved for modifications to zlib by others than the zlib maintainers. For example, if the version of the base zlib you are altering is "1.2.3.4", then in zlib.h you should change ZLIB_VERNUM to 0x123f, and ZLIB_VERSION to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in deflate.c and inftrees.c.

For altered source distributions, you should also note the origin and nature of the changes in zlib.h, as well as in ChangeLog and README, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled zlib library along with zlib.h and zconf.h is also a source distribution, and so you should change ZLIB_VERSION and ZLIB_VERNUM and note the origin and nature of the changes in zlib.h as you would for a full source distribution.

25.
Will zlib work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to zlib@gzip.org

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and zlib. However, you can look in zlib's contrib/blast directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use Z_FULL_FLUSH, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those points. You have to be careful to not use Z_FULL_FLUSH too often, since it can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See examples/zran.c .

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work. If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's contrib/puff directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

http://www.gzip.org/#faq11

32. Can zlib work
with greater than 4 GB of data?

Yes. inflate() and deflate() will process any amount of data correctly.
Each call of inflate() or deflate() is limited to input and output chunks
of the maximum value that can be stored in the compiler's "unsigned int"
type, but there is no limit to the number of chunks. Note however that the
strm.total_in and strm_total_out counters may be limited to 4 GB. These
counters are provided as a convenience and are not used internally by
inflate() or deflate(). The application can easily set up its own counters
updated after each call of inflate() or deflate() to count beyond 4 GB.
compress() and uncompress() may be limited to 4 GB, since they operate in a
single call. gzseek() and gztell() may be limited to 4 GB depending on how
zlib is compiled. See the zlibCompileFlags() function in zlib.h.

The word "may" appears several times above since there is a 4 GB limit only
if the compiler's "long" type is
32 bits. If the compiler's "long" type is
64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in gzprintf(). If zlib is
compiled to use sprintf() or vsprintf(), then there is no protection
against a buffer overflow of an 8K string space (or other value as set by
gzbuffer()), other than the caller of gzprintf() assuring that the output
will not exceed 8K. On the other hand, if zlib is compiled to use
snprintf() or vsnprintf(), which should normally be the case, then there is
no vulnerability. The ./configure script will display warnings if an
insecure variation of sprintf() will be used by gzprintf(). Also the
zlibCompileFlags() function will return information on what variant of
sprintf() is used by gzprintf().

If you don't have snprintf() or vsnprintf() and would like one, you can
find a portable implementation here:

http://www.ijs.si/software/snprintf/

Note that you should be using the most recent version of zlib. Versions
1.1.3 and before were subject to a double-free vulnerability, and versions
1.2.1 and 1.2.2 were subject to an access exception when decompressing
invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included
as part of the Java SDK in the java.util.zip package. If you really want

a version of zlib written in the Java language, look on the zlib home page for links: http://zlib.net/ .

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always
works.

36. Valgrind (or some similar memory access checker) says that deflate is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses malloc() by default for allocations, whereas earlier versions used calloc(), which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the comp.compression FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption,
use GnuPG, http://www.gnupg.org/ , which already includes zlib compression. For PKZIP compatible "encryption", look at http://www.info-zip.org/

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate specification in RFC 1951, most notably Microsoft. So even though the "deflate" transfer encoding using the zlib format would be the more

efficient approach (and in fact exactly what the zlib format was designed for), using the "gzip" transfer encoding is probably more reliable due to an
unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General Public License.
Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ

1.659 ebpf 0.16.0

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1.660 nginx 1.24.0-1~bullseye

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1.661 util-linux 1:2.36.1-8+deb11u2

1.661.1 Available under license :

NR START   END SECTORS SIZE NAME UUID
1   32 7679   7648 3.7M   8f8378c0-01
2 7680 16383   8704 4.3M   8f8378c0-02
5 7936 12799   4864 2.4M
6 12544 16127   3584 1.8M

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;9GimCN7g

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1.662 dom4j 2.1.3

1.662.1 Available under license :

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* /dom4j-2-1-3-sources-jar/org/dom4j/tree/ElementQNameIterator.java
* /dom4j-2-1-3-sources-jar/org/dom4j/tree/ElementIterator.java
* /dom4j-2-1-3-sources-jar/org/dom4j/ElementHandler.java
* /dom4j-2-1-3-sources-jar/org/dom4j/CDATA.java
* /dom4j-2-1-3-sources-jar/org/dom4j/Document.java
* /dom4j-2-1-3-sources-jar/org/dom4j/rule/Action.java
* /dom4j-2-1-3-sources-jar/org/dom4j/Comment.java
* /dom4j-2-1-3-sources-jar/org/dom4j/Entity.java
* /dom4j-2-1-3-sources-jar/org/dom4j/bean/BeanDocumentFactory.java
* /dom4j-2-1-3-sources-jar/org/dom4j/tree/FlyweightCDATA.java
* /dom4j-2-1-3-sources-jar/org/dom4j/IllegalAddException.java
* /dom4j-2-1-3-sources-jar/org/dom4j/jaxb/JAXBModifier.java
* /dom4j-2-1-3-sources-jar/org/dom4j/tree/FilterIterator.java
* /dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMDocumentType.java
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* /dom4j-2-1-3-sources-jar/org/dom4j/rule/Rule.java
* /dom4j-2-1-3-sources-jar/org/dom4j/tree/NamespaceStack.java
* /dom4j-2-1-3-sources-jar/org/dom4j/tree/NamespaceCache.java
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* /dom4j-2-1-3-sources-jar/org/dom4j/io/DOMReader.java
* /dom4j-2-1-3-sources-jar/org/dom4j/QName.java
* /dom4j-2-1-3-sources-jar/org/dom4j/VisitorSupport.java
* /dom4j-2-1-3-sources-jar/org/dom4j/InvalidXPathException.java
* /dom4j-2-1-3-sources-jar/org/dom4j/XPath.java
* /dom4j-2-1-3-sources-jar/org/dom4j/bean/BeanMetaData.java
* /dom4j-2-1-3-sources-jar/org/dom4j/dtd/ElementDecl.java
* /dom4j-2-1-3-sources-jar/org/dom4j/io/XMLWriter.java
* /dom4j-2-1-3-sources-jar/org/dom4j/rule/pattern/DefaultPattern.java
* /dom4j-2-1-3-sources-jar/org/dom4j/xpath/XPathPattern.java
* /dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultCDATA.java
* /dom4j-2-1-3-sources-jar/org/dom4j/io/PruningDispatchHandler.java
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* /dom4j-2-1-3-sources-jar/org/dom4j/swing/XMLTableColumnDefinition.java
* /dom4j-2-1-3-sources-jar/org/dom4j/datatype/DatatypeDocumentFactory.java
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* /dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMEntityReference.java
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CAST128

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MD2

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MD5

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SHA224, SHA256, SHA384, and SHA512

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1.672 netlink 1.1.0

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* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/LatencyHistogramConfiguration.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/config/store/package-info.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/DefaultStatisticsService.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/events/CacheEventListenerProvider.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/config/store/StoreEventSourceConfiguration.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/store/heap/SizeOfEngineProvider.java
*
/ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/store/StoreConfigurationImpl.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/EhcacheManager.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/store/heap/LimitExceededException.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/Jsr107Cache.java

* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/exceptions/package-info.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/ChainedOperationObserver.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/store/AbstractValueHolder.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/events/NullStoreEventDispatcher.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/HigherCachingTierOperationOutcomes.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/events/package-info.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/DelegatingOperationStatistic.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/package-info.java
*
 /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/events/StoreEventDispatcher.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/util/CollectionUtil.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/events/CacheManagerListener.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/StatsUtils.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/CacheOperationOutcomes.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/config/store/StoreStatisticsConfiguration.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/osgi/OsgiServiceLoader.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/events/CacheEvents.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/store/WrapperStore.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/SpecIterator.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/Ehcache.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/OperationObserver.java
*
 /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/store/InternalCacheManager.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/store/package-info.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/InternalCache.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/resilience/DefaultRecoveryStore.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/AuthoritativeTierOperationOutcomes.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/service/LocalPersistenceService.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/events/CacheEventDispatcher.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/service/ExecutionService.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/statistics/DelegatingOperationObserver.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/util/ClassLoading.java
* /ehcache-core-3-8-1-sources-1-jar/org/ehcache/core/spi/store/heap/package-info.java

1.674 aws-sdk-go-v2-internal-endpoints 2.5.10

1.674.1 Available under license :

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
```

```
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-
Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
  params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
  return nil,
 err
 }

 out := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
```

```
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{}, middleware.After)
 if err !=
 nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "AssociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack);
 err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack,
 options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
```

```
 ServiceID:     ServiceID,
 OperationName: "AssociateLicense",
 }
}
```

AWS SDK for Go

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```
name: License Scan

on: [pull_request]

jobs:
 licensescan:
  name: License Scan
  runs-on: ubuntu-latest
  strategy:
   matrix:
    python-version: [3.9]

  steps:
   - name: Checkout target
     uses: actions/checkout@v2
     with:
      path: sdkbase
      ref: ${{ github.base_ref }}
   - name: Checkout this ref
     uses: actions/checkout@v2
     with:
      path: new-ref
      fetch-depth: 0
   - name: Get Diff
     run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
   - name: Get Target Files
     run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
   - name: Checkout scancode
     uses: actions/checkout@v2
     with:
      repository: nexB/scancode-toolkit
      path: scancode-toolkit
      fetch-depth: 1
   - name: Set up Python ${{ matrix.python-version }}
     uses: actions/setup-python@v2
     with:
      python-version: ${{ matrix.python-version }}
   # ScanCode
   - name: Self-configure scancode
     working-directory: ./scancode-toolkit
```

```
      run: ./scancode --help
    - name: Run Scan code on target
      run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
    - name: Run Scan code on pr ref
      run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
    # compare
    - name: License test
      run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
  params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string
```

```
 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckInLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
```

```
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return
 err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}
```

```
func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckInLicense",
 }
}
{
  "smithy": "2.0",
  "shapes": {
    "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger": {
      "type": "integer"
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong": {
      "type": "long"
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Filter": {
      "type": "structure",
      "members": {
        "Name": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The type of name to filter by.</p>"
          }
        },
        "Values": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
          "traits": {
            "smithy.api#documentation": "<p>One or more values for the name to filter by.</p>"
          }
        },
        "Operator": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Operator",
           "traits": {
            "smithy.api#documentation": "<p>An operator for filtering results.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>A filter object that is used to return more specific results from a describe
operation.\n      Filters can be used to match a set of resources by specific criteria.</p>"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList": {
      "type": "list",
      "member": {
```

```
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Filter"
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest"
          },
          "output": {

           "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Lists the Linux subscriptions service settings.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/subscription/GetServiceSettings"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest":
{
          "type": "structure",
          "members": {}
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse": {
          "type": "structure",
          "members": {
            "LinuxSubscriptionsDiscovery": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
              "traits": {
                "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
              }
            },
            "LinuxSubscriptionsDiscoverySettings": {
```

```
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
            "traits": {
              "smithy.api#documentation": "<p>Lists the settings defined for Linux subscriptions discovery. The settings include if\n      Organizations integration has been enabled, and
 which Regions data will be aggregated from.</p>"
            }
          },
          "Status": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
            "traits": {
              "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being applied.</p>"
            }
          },
          "StatusMessage": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
            "traits": {
              "smithy.api#documentation": "<p>A message which details the Linux subscriptions service settings current status.</p>"
            }
          },
          "HomeRegions": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
            "traits": {
              "smithy.api#documentation": "<p>The Region in which License Manager displays
 the aggregated data for Linux\n      subscriptions.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Instance": {
        "type": "structure",
        "members": {
          "AmiId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The AMI ID used to launch the instance.</p>"
            }
          },
          "InstanceID": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The instance ID of the resource.</p>"
            }
          },
          "InstanceType": {
            "target": "smithy.api#String",
            "traits": {
```

```
                "smithy.api#documentation": "<p>The instance type of the resource.</p>"
              }

        },
          "AccountID": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The account ID which owns the instance.</p>"
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status of the instance.</p>"
            }
          },
          "Region": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The Region the instance is running in.</p>"
            }
          },
          "UsageOperation": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The usage operation of the instance. For more information, see For
 more information, see\n        <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-
subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User
Guide</i>.</p>"
            }
          },
          "ProductCode": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList",
            "traits": {
              "smithy.api#documentation": "<p>The product code for the instance. For more information, see <a
href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-
operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i> .</p>"
            }
          },
          "LastUpdatedTime": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The time in which the last discovery
 updated the instance details.</p>"
            }
          },
          "SubscriptionName": {
            "target": "smithy.api#String",
```

```
            "traits": {
                "smithy.api#documentation": "<p>The name of the subscription being used by the instance.</p>"
            }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>Details discovered information about a running instance using Linux subscriptions.</p>"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Instance"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
         }
      },
      "traits": {
        "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
        "smithy.api#error": "server"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#LicenseManagerLinuxSubscriptions": {
      "type": "service",
      "version": "2018-05-10",
      "operations": [
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions"
        },
        {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings"
        }
      ],

    "traits": {
        "aws.api#service": {
```

```
            "sdkId": "License Manager Linux Subscriptions",
            "arnNamespace": "license-manager-linux-subscriptions",
            "cloudTrailEventSource": "license-manager-linux-subscriptions.amazonaws.com"
          },
          "aws.auth#sigv4": {
            "name": "license-manager-linux-subscriptions"
          },
          "aws.protocols#restJson1": {},
          "smithy.api#cors": {
            "additionalAllowedHeaders": [
              "*",
              "content-type",
              "x-amz-content-sha256",
              "x-amz-user-agent",
              "x-amzn-platform-id",
              "x-amzn-trace-id",
              "content-length",
              "x-api-key",
              "authorization",
              "x-amz-date",

 "x-amz-security-token",
              "Access-Control-Allow-Headers",
              "Access-Control-Allow-Methods",
              "Access-Control-Allow-Origin"
            ],
            "additionalExposedHeaders": [
              "x-amzn-errortype",
              "x-amzn-requestid",
              "x-amzn-trace-id"
            ]
          },
          "smithy.api#documentation": "<p>With License Manager, you can discover and track your commercial
Linux subscriptions on running\n      Amazon EC2 instances.</p>",
          "smithy.api#title": "AWS License Manager Linux Subscriptions",
          "smithy.rules#endpointRuleSet": {
            "version": "1.0",
            "parameters": {
              "Region": {
                "builtIn": "AWS::Region",
                "required": false,
                "documentation": "The
 AWS region used to dispatch the request.",
                "type": "String"
              },
              "UseDualStack": {
                "builtIn": "AWS::UseDualStack",
                "required": true,
```

```
            "default": false,
            "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
            "type": "Boolean"
        },
        "UseFIPS": {
            "builtIn": "AWS::UseFIPS",
            "required": true,
            "default": false,
            "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",

        "type": "Boolean"
        },
        "Endpoint": {
            "builtIn": "SDK::Endpoint",
            "required": false,
            "documentation": "Override the endpoint used to send this request",
            "type": "String"
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    },
    "rules": [
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                    "fn": "isSet",
                    "argv": [
                        {
                            "ref": "Endpoint"
                        }
                    ]
                }
            ],
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            "rules": [
                {

                "conditions": [
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                            "fn": "booleanEquals",
                            "argv": [
                                {
                                    "ref": "UseFIPS"
                                },
                                true
                            ]
                        }
                    ],
```

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            "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
            "type": "error"
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                      "argv": [
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                          "ref": "UseDualStack"
                        },
                        true
                      ]
                    }
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                  "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                  "type": "error"
                },
                {
                  "conditions": [],

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                      "url": {
                        "ref": "Endpoint"
                      },
                      "properties": {},
                      "headers": {}
                    },
                    "type": "endpoint"
                  }
                ]
              }
            ]
          },
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            "type": "tree",
            "rules": [
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                "conditions": [
                  {
                    "fn": "isSet",
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        "argv": [
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                                    "ref": "Region"
                                }
                            ]
                        }
                    ],
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                    "rules": [
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                            "conditions": [
                                {
                                    "fn": "aws.partition",
                                    "argv": [
                                        {
                                            "ref": "Region"
                                        }
                                    ],

"assign": "PartitionResult"
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                            "rules": [
                                {
                                    "conditions": [
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                                            "fn": "booleanEquals",
                                            "argv": [
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                                                    "ref": "UseFIPS"
                                                },
                                                true
                                            ]
                                        },

                                 {
                                            "fn": "booleanEquals",
                                            "argv": [
                                                {
                                                    "ref": "UseDualStack"
                                                },
                                                true
                                            ]
                                        }
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                                            {

                                          "fn": "booleanEquals",
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                                                  "fn": "getAttr",
                                                  "argv": [
                                                    {
                                                      "ref": "PartitionResult"
                                                    },
                                                    "supportsFIPS"
                                                  ]

}
                                              ]
                                            },
                                            {
                                              "fn": "booleanEquals",
                                              "argv": [
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                                                {
                                                  "fn": "getAttr",
                                                  "argv": [
                                                    {
                                                      "ref": "PartitionResult"
                                                    },

                                                   "supportsDualStack"
                                                  ]
                                                }
                                              ]
                                            }
                                          ],
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                                          "rules": [
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                                              "conditions": [],
                                              "type": "tree",
                                              "rules": [
                                                {

                                        "conditions": [],
                                                    "endpoint": {
                                                      "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
```

```
                "properties": {},
                "headers": {}
              },
              "type": "endpoint"
            }
          ]
        }
      ]

    },
    {
      "conditions": [],
      "error": "FIPS and DualStack are enabled, but this partition does not support
one or both",
      "type": "error"
    }
  ]
},
{
  "conditions": [
    {
      "fn": "booleanEquals",
      "argv": [
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"ref": "UseFIPS"
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        true
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  "type": "tree",
  "rules": [
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      "conditions": [
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          "argv": [
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{
              "fn": "getAttr",
              "argv": [
                {
                  "ref": "PartitionResult"
                },
                "supportsFIPS"
              ]
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                    }
                ]
            }
        ],
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        {
            "conditions": [],
            "type": "tree",
            "rules": [
                {
                    "conditions": [],
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fips.{Region}.{PartitionResult#dnsSuffix}",
                        "properties": {},
                        "headers": {}

                    },
                    "type": "endpoint"
                }
            ]
        }
    ]
},
{
    "conditions": [
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            "fn": "booleanEquals",
            "argv": [
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                    "ref": "UseDualStack"
                },
                true
            ]
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    ],
    "type": "tree",
    "rules": [
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                {

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                    {
                      "fn": "booleanEquals",
                      "argv": [
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                        {
                          "fn": "getAttr",
                          "argv": [
                            {
                              "ref": "PartitionResult"
                            },
                            "supportsDualStack"
                          ]
                        }
                      ]
                    }
                  ],
                  "type": "tree",
                  "rules": [
                    {
                      "conditions": [],
                      "type": "tree",
                      "rules": [
                        {
                          "conditions": [],

                       "endpoint": {
                              "url": "https://license-manager-linux-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                              "properties": {},
                              "headers": {}
                            },
                            "type": "endpoint"
                        }
                      ]
                    }
                  ]
                },

        {
                  "conditions": [],
                  "error": "DualStack is enabled but this partition does not support DualStack",
                  "type": "error"
                }
              ]
            },
```

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                                    "rules": [
                                        {
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"https://license-manager-linux-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
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                                                "headers": {}
                                            },
                                            "type": "endpoint"
                                        }
                                    ]
                                }
                            ]
                        }
                    ]
                },
                {
                    "conditions": [],
                    "error": "Invalid Configuration: Missing Region",
                    "type": "error"
                }
            ]
        }
    ]
},
"smithy.rules#endpointTests": {
    "testCases": [
        {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
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"endpoint": {
                    "url": "https://license-manager-linux-subscriptions-fips.us-east-1.amazonaws.com"
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                "UseFIPS": true,
                "UseDualStack": false
            }
        },
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            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions.us-east-1.api.aws"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                 "UseDualStack": true
            }
        },
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            "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions.us-east-1.amazonaws.com"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "endpoint": {

            "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
                }
            },
            "params": {
                "Region": "cn-north-1",
                "UseFIPS": true,
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      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": true,
         "UseDualStack": false
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
      "expect": {
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          "url": "https://license-manager-linux-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
      "expect": {
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{
          "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
        }
      },
      "params": {
        "Region": "cn-north-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
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      "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
        }
```

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      },
      "params": {
        "Region": "us-gov-east-1",
        "UseFIPS": true,
         "UseDualStack": true
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    },
    {
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      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.amazonaws.com"
        }
      },
      "params": {
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        "UseFIPS": true,
        "UseDualStack": false
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        }
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        "UseDualStack": true
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        }
      },
      "params": {
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        "UseFIPS": false,
         "UseDualStack": false
      }
    },
    {
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      "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
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        "UseFIPS": true,
        "UseDualStack": true
      }
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      "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
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        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "error": "DualStack is enabled but this partition does not support DualStack"
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {

"documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
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        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
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                  "expect": {
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                  "params": {

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                    "UseDualStack": true
                  }
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                {
                  "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
                  "expect": {
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                      "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
                    }
                  },
                  "params": {
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                    "UseFIPS": true,
                    "UseDualStack": false
                  }
                },
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                  "documentation": "For region us-isob-east-1 with FIPS disabled
and DualStack enabled",
                  "expect": {
                    "error": "DualStack is enabled but this partition does not support DualStack"
                  },
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                    "UseFIPS": false,
                    "UseDualStack": true
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                  "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
                  "expect": {
                    "endpoint": {
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                    }
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                  "params": {
                    "Region": "us-isob-east-1",
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"UseFIPS": false,
                "UseDualStack": false
            }
        },
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            "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://example.com"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                "UseDualStack": false,
                "Endpoint": "https://example.com"
            }
        },
        {
            "documentation": "For custom endpoint with region not set and fips disabled and dualstack
disabled",

        "expect": {
                "endpoint": {
                    "url": "https://example.com"
                }
            },
            "params": {
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                "UseDualStack": false,
                "Endpoint": "https://example.com"
            }
        },
        {
            "documentation": "For custom endpoint with fips enabled and dualstack disabled",
            "expect": {
                "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": false,

          "Endpoint": "https://example.com"
            }
        },
        {
            "documentation": "For custom endpoint with fips disabled and dualstack enabled",
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                    "expect": {
                      "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
                    },
                    "params": {
                      "Region": "us-east-1",
                      "UseFIPS": false,
                      "UseDualStack": true,
                      "Endpoint": "https://example.com"
                    }
                  },
                  {
                    "documentation": "Missing region",
                    "expect": {
                      "error": "Invalid Configuration: Missing Region"
                    }

          }
              ],
              "version": "1.0"
           }
         }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [
            {
              "name": "Enabled",
              "value": "Enabled",
              "documentation": "Enabled LinuxSubscriptionsDiscovery"
            },
            {
              "name": "Disabled",
              "value": "Disabled",
              "documentation": "Disabled LinuxSubscriptionsDiscovery"
            }
          ]
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings": {
        "type": "structure",
        "members": {
          "SourceRegions": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
             "traits": {
               "smithy.api#documentation": "<p>The Regions in which to discover data for Linux
subscriptions.</p>",
               "smithy.api#required": {}
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            }
          },
          "OrganizationIntegration": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration",
            "traits": {
              "smithy.api#documentation": "<p>Details if you have enabled resource discovery across your
accounts in Organizations.</p>",
              "smithy.api#required": {}
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>Lists the settings defined for discovering Linux subscriptions.</p>"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances": {
        "type":
 "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the running Amazon EC2 instances that were discovered with
commercial Linux\n      subscriptions.</p>",
          "smithy.api#http": {

       "code": 200,
            "method": "POST",
            "uri": "/subscription/ListLinuxSubscriptionInstances"
          },
          "smithy.api#idempotent": {},
          "smithy.api#paginated": {
            "inputToken": "NextToken",
            "outputToken": "NextToken",
```

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            "pageSize": "MaxResults",
            "items": "Instances"
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest": {
        "type": "structure",
        "members": {
          "Filters": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n      <code>AmiID</code> with an optional operator to see subscriptions that match, partially\n match, or don't match a certain Amazon Machine Image (AMI) ID.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>AmiID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>InstanceID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>AccountID</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Status</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Region</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>UsageOperation</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>ProductCode</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>InstanceType</code>\n      </p>\n      </li>\n      </ul>\n      <p>The valid Operators for this filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>contains</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>equals</code>\n      </p>\n      </li>\n      <li>\n      <p>\n      <code>Notequal</code>\n      </p>\n      </li>\n      </ul>"
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"

      }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>",
              "smithy.api#length": {
                "min": 1,
                "max": 16384
              }
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
```

```
parameters in request increases."
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse": {
        "type": "structure",
        "members": {
          "Instances": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList",
            "traits": {
              "smithy.api#documentation":
"<p>An array that contains instance objects.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the Linux subscriptions that have been discovered. If you have
linked your\n      organization, the returned results will include data aggregated across your accounts in\n
Organizations.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/subscription/ListLinuxSubscriptions"
```

```
        },
        "smithy.api#idempotent": {},
        "smithy.api#paginated": {
          "inputToken": "NextToken",
          "outputToken": "NextToken",
          "pageSize": "MaxResults",
          "items": "Subscriptions"
        }

      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest": {
      "type": "structure",
      "members": {
        "Filters": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
          "traits": {
            "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n
 <code>Subscription</code> with an optional operator to see subscriptions that match,\n      partially match, or don't
match a certain subscription's name.</p>\n        <p>The valid names for this filter are:</p>\n        <ul>\n
<li>\n            <p>\n              <code>Subscription</code>\n            </p>\n          </li>\n        </ul>\n
<p>The valid Operators for this filter are:</p>\n
      <ul>\n          <li>\n            <p>\n              <code>contains</code>\n            </p>\n          </li>\n
<li>\n            <p>\n              <code>equals</code>\n            </p>\n          </li>\n          <li>\n            <p>\n
            <code>Notequal</code>\n            </p>\n          </li>\n        </ul>"
          }
        },
        "MaxResults": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
          "traits": {
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          }
        },
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          "target": "smithy.api#String",
          "traits": {
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            "smithy.api#length": {

              "min": 1,
                "max": 16384
            }
          }
        }
      },
      "traits": {
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```
parameters in request increases."
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse": {
        "type": "structure",
        "members": {
          "Subscriptions": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList",
            "traits": {
              "smithy.api#documentation": "<p>An array that contains subscription objects.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Operator": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [
            {
              "name": "EQUAL",
              "value": "Equal",
              "documentation": "Equal operator"
            },
            {
              "name": "NOT_EQUAL",
              "value": "NotEqual",
              "documentation": "Not equal operator"
            },
            {
              "name": "CONTAINS",
              "value": "Contains",
              "documentation": "Contains operator"
            }
          ],
          "smithy.api#length": {
            "min": 1,
            "max": 20
          }
        }
      },
```

```
"com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration": {
      "type": "string",
      "traits": {
         "smithy.api#enum": [
            {
               "name": "Enabled",
               "value": "Enabled",
               "documentation": "Enabled OrganizationIntegration"
            },
            {
               "name": "Disabled",
               "value": "Disabled",
               "documentation": "Disabled OrganizationIntegration"
            }
         ]
      }
   },
   "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList": {
      "type": "list",
      "member": {
         "target": "smithy.api#String"
      }
   },
   "com.amazonaws.licensemanagerlinuxsubscriptions#Status": {
      "type": "string",
      "traits": {
         "smithy.api#enum": [

  {
               "name": "InProgress",
               "value": "InProgress",
               "documentation": "InProgress status"
            },
            {
               "name": "Completed",
               "value": "Completed",
               "documentation": "Completed status"
            },
            {
               "name": "Successful",
               "value": "Successful",
               "documentation": "Successful status"
            },
            {
               "name": "Failed",
               "value": "Failed",
               "documentation": "Failed status"
            }
```

```
            ]
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#StringList": {
        "type": "list",
        "member": {
            "target": "smithy.api#String",
            "traits":
{
                "smithy.api#length": {
                    "min": 1,
                    "max": 100
                }
            }
        },
        "traits": {
            "smithy.api#length": {
                "min": 1,
                "max": 100
            },
            "smithy.api#uniqueItems": {}
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap": {
        "type": "map",
        "key": {
            "target": "smithy.api#String"
        },
        "value": {
            "target": "smithy.api#String"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription": {
        "type": "structure",
        "members": {
            "Name": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the subscription.</p>"

        }
            },
            "Type": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The type of subscription. The type can be subscription-included
with Amazon EC2, Bring Your Own\n      Subscription model (BYOS), or from the Amazon Web Services
Marketplace. Certain subscriptions may use licensing from the\n      Amazon Web Services Marketplace as well as
```

```
OS licensing from Amazon EC2 or BYOS.</p>"
                }
            },
            "InstanceCount": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong",
                "traits": {
                    "smithy.api#documentation": "<p>The total amount of running instances using this subscription.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>An object which details a discovered Linux
subscription.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The request was denied due to request throttling.</p>",
            "smithy.api#error": "client"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest"
        },

    "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
```

```
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Updates the service settings for Linux subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/subscription/UpdateServiceSettings"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest":
{
        "type": "structure",
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
                    "smithy.api#required": {}
                }
            },
            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>",

  "smithy.api#required": {}
                }
            },
            "AllowUpdate": {
                "target": "smithy.api#Boolean",
                "traits": {
                    "smithy.api#documentation": "<p>Describes if updates are allowed to the service settings for Linux
subscriptions. If you\n      allow updates, you can aggregate Linux subscription data in more than one home
Region.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse": {
        "type": "structure",
```

```
        "members": {
            "LinuxSubscriptionsDiscovery": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
                "traits": {
                    "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
                }
            },

            "LinuxSubscriptionsDiscoverySettings": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
                "traits": {
                    "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>"
                }
            },
            "Status": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
                "traits": {
                    "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                    "smithy.api#documentation":
 "<p>A message which details the Linux subscriptions service settings current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>The Region in which License Manager displays the aggregated
data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The provided input is not valid. Try your request again.</p>",
```

```
            "smithy.api#error": "client"
          }
        }
      }
    }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
  params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //   - Beneficiary
 //   - ProductSKU
 //   - Fingerprint
 //
   - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
```

```
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 if
 err := addProtocolFinalizerMiddlewares(stack, options, "ListLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
```

```
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
```

```
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:
     ServiceID,
  OperationName: "ListLicenses",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
  params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}
```

```
type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 //
 This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack,
 options, "DisassociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
```

```
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
```

```
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata
 {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "DisassociateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
  params = &CheckoutLicenseInput{}
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
 CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Key fingerprint identifying the license.
 //
 // This member is required.
 KeyFingerprint *string

 // Product SKU.
 //
 // This member is required.
 ProductSKU *string

 // License beneficiary.
 Beneficiary *string

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}
```

```
type CheckoutLicenseOutput struct {

 // Checkout type.
 CheckoutType types.CheckoutType

 // Allowed license entitlements.
 EntitlementsAllowed []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string

 // Date and time at which the license checkout is issued.
 IssuedAt *string

 // Amazon Resource
 Name (ARN) of the checkout license.
 LicenseArn *string

 // License consumption token.
 LicenseConsumptionToken *string

 // Node ID.
 NodeId *string

 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
```

```
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil
 {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack);
 err != nil {
  return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
  params = &CheckoutBorrowLicenseInput{}
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier
 that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

 // License entitlements. Partial checkouts are not supported.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Amazon Resource Name (ARN) of the license. The license must use the borrow
 // consumption configuration.
 //
 // This member is required.
 LicenseArn *string

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}
```

```
type CheckoutBorrowLicenseOutput struct {

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Allowed license entitlements.
 EntitlementsAllowed
 []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string

 // Date and time at which the license checkout is issued.
 IssuedAt *string

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License consumption token.
 LicenseConsumptionToken *string

 // Node ID.
 NodeId *string

 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return
 err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutBorrowLicense"); err != nil {
```

```
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return
err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutBorrowLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
  params = &CreateLicenseInput{}
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide
 to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional
 // configuration for workloads running with continuous connectivity. Choose a
 // borrow configuration for workloads with offline usage.
 //
 // This member is required.
 ConsumptionConfiguration *types.ConsumptionConfiguration

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.Entitlement

 // Home Region for the license.
 //
 // This member is required.
 HomeRegion *string

 // License issuer.
 //
 // This member is required.
 Issuer *types.Issuer
```

```
 // License name.
 //
 // This member is required.
 LicenseName *string

 // Product name.
 //
 // This member is required.
 ProductName *string

 // Product SKU.
 //
 // This member is required.
 ProductSKU *string

 // Date and time range during which the license is valid, in ISO8601-UTC format.
 //
 // This member is required.
 Validity
 *types.DatetimeRange

 // Information about the license.
 LicenseMetadata []types.Metadata

 noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
```

```
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "CreateLicense"); err != nil {
 return fmt.Errorf("add
protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
```

```
 err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName:
 "CreateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
```

```
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
  params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}
```

```
func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "GetLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return
 err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpGetLicenseValidationMiddleware(stack);
 err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
 return err
 }
 return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "GetLicense",
 }
}
```

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// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
  params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

```
 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
   - ProductSKU
 //   - Status
 //   - Fingerprint
 //   - IssuerName
 //   - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{}, middleware.After)
```

```
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{},
middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "ListReceivedLicenses"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack);
err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
```

```
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "ListReceivedLicenses",
 }
}
```

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```
{
  "smithy": "2.0",
  "shapes": {
    "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>You don't have sufficient access to perform this action.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider": {
      "type": "structure",
      "members": {
        "DirectoryId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The directory ID for an Active Directory identity provider.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation":
"<p>Details about an Active Directory identity provider.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUser": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Associates the user to an EC2 instance to utilize user-based subscriptions.</p>\n        <note>\n          <p>Your estimated bill for charges on the number of users and related costs will take 48\n        hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing. For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n        monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n        </note>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/user/AssociateUser"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest": {
        "type": "structure",
        "members": {
          "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
              "smithy.api#required": {}
            }
          },
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the
```

```
EC2 instance, which provides user-based subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>The identity provider of the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse": {
        "type": "structure",
        "members": {
            "InstanceUserSummary": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
                 "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#BoxInteger": {
        "type": "integer"
    },
    "com.amazonaws.licensemanagerusersubscriptions#ConflictException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The request couldn't be completed because it conflicted with the current
state of the\n      resource.</p>",
            "smithy.api#error": "server"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider":
```

```
{
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
             },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Deregisters the identity provider from providing user-based
subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/identity-provider/DeregisterIdentityProvider"
            },
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
```

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            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
          "IdentityProviderSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
            "traits": {
              "smithy.api#documentation":
"<p>Metadata that describes the results of an identity provider operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
```

```
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Disassociates the user from an EC2 instance providing user-based
subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/DisassociateUser"
            },
            "smithy.api#idempotent": {}
        }

    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "InstanceId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation":
"<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
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            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse": {
        "type": "structure",
        "members": {
            "InstanceUserSummary": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
                "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },

"com.amazonaws.licensemanagerusersubscriptions#Filter": {
        "type": "structure",
        "members": {
            "Attribute": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of an attribute to use as a filter.</p>"
                }
            },
            "Operation": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The type of search (For example, eq, geq, leq)</p>"
                }
            },
            "Value": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Value of the filter.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>A filter name and value pair that is used
 to return more specific results from a describe\n      operation. Filters can be used to match a set of resources by
specific criteria, such as tags,\n      attributes, or IDs.</p>"
        }
```

```
    },
    "com.amazonaws.licensemanagerusersubscriptions#FilterList": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#Filter"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider": {
      "type": "union",
      "members": {
        "ActiveDirectoryIdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that details an Active Directory identity provider.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation":
"<p>Details about an identity provider.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary": {
      "type": "structure",
      "members": {
        "IdentityProvider": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
          "traits": {
            "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
            "smithy.api#required": {}
          }
        },
        "Settings": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
          "traits": {
            "smithy.api#documentation": "<p>An object that details the registered identity providers product
related configuration\n      settings such as the subnets to provision VPC endpoints.</p>",
            "smithy.api#required":
{}
          }
        },
        "Product": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
            "smithy.api#required": {}
          }
        },
```

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            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of an identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "FailureMessage": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The failure message associated with an identity provider.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation":
"<p>Describes an identity provider.</p>"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary": {
        "type": "structure",
        "members": {
            "InstanceId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status
 of an EC2 instance resource.</p>",
                    "smithy.api#required": {}
                }
            },
            "Products": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#StringList",
                "traits": {
                    "smithy.api#documentation": "<p>A list of provided user-based subscription products.</p>",
```

```
                "smithy.api#required": {}
            }
        },
        "LastStatusCheckDate": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The date of the last status check.</p>"
            }
        },
        "StatusMessage": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The status message for an EC2 instance.</p>"
            }

    }
      },
      "traits": {
        "smithy.api#documentation": "<p>Describes an EC2 instance providing user-based subscriptions.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary": {
      "type": "structure",
      "members": {
        "Username": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                "smithy.api#required": {}
            }
        },
        "InstanceId": {
            "target": "smithy.api#String",
            "traits":
{
                "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                "smithy.api#required": {}
            }
        },
        "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
```

```
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status of a user associated with an EC2 instance.</p>",
              "smithy.api#required": {}
            }
          },
          "StatusMessage": {
            "target": "smithy.api#String",
             "traits": {
              "smithy.api#documentation": "<p>The status message for users of an EC2 instance.</p>"
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          },
          "AssociationDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The date a user was associated with an EC2 instance.</p>"
            }
          },
          "DisassociationDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The date a user was disassociated from an EC2 instance.</p>"
            }
          }

  },
        "traits": {
          "smithy.api#documentation": "<p>Describes users of an EC2 instance providing user-based
subscriptions.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary"
        }
```

```
    },
    "com.amazonaws.licensemanagerusersubscriptions#InternalServerException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
            "smithy.api#error": "server"
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#LicenseManagerUserSubscriptions": {
        "type": "service",

     "version": "2018-05-10",
        "operations": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUser"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstances"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations"

},
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings"
            }
         ],
         "traits": {
            "aws.api#service": {
               "sdkId": "License Manager User Subscriptions",
               "arnNamespace": "license-manager-user-subscriptions",
               "cloudTrailEventSource": "license-manager-user-subscriptions.amazonaws.com"
            },
            "aws.auth#sigv4": {
               "name": "license-manager-user-subscriptions"
             },
            "aws.protocols#restJson1": {},
            "smithy.api#cors": {
               "additionalAllowedHeaders": [
                  "*",
                  "content-type",
                  "x-amz-content-sha256",
                  "x-amz-user-agent",
                  "x-amzn-platform-id",
                  "x-amzn-trace-id",
                  "content-length",
                  "x-api-key",
                  "authorization",
                  "x-amz-date",
                  "x-amz-security-token",
                  "Access-Control-Allow-Headers",
                  "Access-Control-Allow-Methods",
                  "Access-Control-Allow-Origin"
               ],
               "additionalExposedHeaders": [
                  "x-amzn-errortype",
                  "x-amzn-requestid",
                  "x-amzn-trace-id"

]
            },
            "smithy.api#documentation": "<p>With License Manager, you can create user-based subscriptions to
utilize licensed software with\n      a per user subscription fee on Amazon EC2 instances.</p>",
            "smithy.api#title": "AWS License Manager User Subscriptions",
            "smithy.rules#endpointRuleSet": {
               "version": "1.0",
               "parameters": {
                  "Region": {
                     "builtIn": "AWS::Region",
                     "required": false,
```

```
            "documentation": "The AWS region used to dispatch the request.",
            "type": "String"
          },
          "UseDualStack": {
            "builtIn": "AWS::UseDualStack",
            "required": true,
            "default": false,
            "documentation": "When true, use the dual-stack
endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
            "type": "Boolean"
          },
          "UseFIPS": {
            "builtIn": "AWS::UseFIPS",
            "required": true,
            "default": false,
            "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the
configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
            "type": "Boolean"
          },
          "Endpoint": {
            "builtIn": "SDK::Endpoint",
            "required": false,
            "documentation": "Override the endpoint used to send this request",
            "type": "String"
          }

    },
        "rules": [
          {
            "conditions": [
              {
                "fn": "isSet",
                "argv": [
                  {
                    "ref": "Endpoint"
                  }
                ]
              }
            ],
            "type": "tree",
            "rules": [
              {
                "conditions": [
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      {
                        "ref": "UseFIPS"
```

```
                    },

                    true
                    ]
                }
            ],
            "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
            "type": "error"
        },
        {
            "conditions": [
                {
                    "fn": "booleanEquals",
                    "argv": [
                        {
                            "ref": "UseDualStack"
                        },
                        true
                    ]
                }
            ],

"error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
            "type": "error"
        },
        {
            "conditions": [],
            "endpoint": {
                "url": {
                    "ref": "Endpoint"
                },
                "properties": {},
                "headers": {}
            },
            "type": "endpoint"
        }
    ]
},
{
    "conditions": [
        {
            "fn": "isSet",
            "argv": [

{
                    "ref": "Region"
                }
            ]
```

```
            }
        ],
        "type": "tree",
        "rules": [
            {
                "conditions": [
                    {
                        "fn": "aws.partition",
                        "argv": [
                            {
                                "ref": "Region"
                            }
                        ],
                        "assign": "PartitionResult"
                    }
                ],
                "type": "tree",

"rules": [
                    {
                        "conditions": [
                            {
                                "fn": "booleanEquals",
                                "argv": [
                                    {
                                        "ref": "UseFIPS"
                                    },
                                    true
                                ]
                            },
                            {
                                "fn": "booleanEquals",
                                "argv": [
                                    {
                                        "ref": "UseDualStack"

                                    },
                                    true
                                ]
                            }
                        ],
                        "type": "tree",
                        "rules": [
                            {
                                "conditions": [
                                    {
                                        "fn": "booleanEquals",
                                        "argv": [
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                                    true,
                                    {
                                      "fn": "getAttr",

 "argv": [
                                        {
                                          "ref": "PartitionResult"
                                        },
                                        "supportsFIPS"
                                      ]
                                    }
                                  ]
                                },
                                {
                                  "fn": "booleanEquals",
                                  "argv": [
                                    true,
                                    {

              "fn": "getAttr",
                                        "argv": [
                                          {
                                            "ref": "PartitionResult"
                                          },
                                          "supportsDualStack"
                                        ]
                                      }
                                    ]
                                  }
                                ],
                                "type": "tree",
                                "rules": [
                                  {

            "conditions": [],
                                    "endpoint": {
                                      "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                      "properties": {},
                                      "headers": {}
                                    },
                                    "type": "endpoint"
                                  }
                                ]
                              },
                              {
                                "conditions": [],
                                "error": "FIPS and DualStack are enabled, but this partition does not support one or
```

```
both",
                                "type": "error"
                            }
                        ]
                    },
                    {
                        "conditions": [
                            {
                                "fn": "booleanEquals",
                                "argv": [
                                    {
                                        "ref": "UseFIPS"
                                    },
                                    true
                                ]
                            }
                        ],
                        "type": "tree",

            "rules": [
                            {
                                "conditions": [
                                    {
                                        "fn": "booleanEquals",
                                        "argv": [
                                            true,
                                            {
                                                "fn": "getAttr",
                                                "argv": [
                                                    {
                                                        "ref": "PartitionResult"
                                                    },
                                                    "supportsFIPS"

                                                ]
                                            }
                                        ]
                                    }
                                ],
                                "type": "tree",
                                "rules": [
                                    {
                                        "conditions": [],
                                        "endpoint": {
                                            "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                                            "properties": {},
                                            "headers": {}
```

```
},
                        "type": "endpoint"
                    }
                ]
            },
            {
                "conditions": [],
                "error": "FIPS is enabled but this partition does not support FIPS",
                "type": "error"
            }
        ]
    },
    {
        "conditions": [
            {
                "fn": "booleanEquals",
                "argv": [
                    {
                        "ref": "UseDualStack"
                    },
                    true
                ]
            }
        ],
        "type": "tree",
        "rules": [
            {
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            true,
                            {

                                "fn": "getAttr",
                                "argv": [
                                    {
                                        "ref": "PartitionResult"
                                    },
                                    "supportsDualStack"
                                ]
                            }
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
```

```
                                {

                                  "conditions": [],
                                   "endpoint": {
                                      "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                      "properties": {},
                                      "headers": {}
                                   },
                                   "type": "endpoint"
                                }
                             ]
                          },
                          {
                             "conditions": [],
                             "error": "DualStack is enabled but this partition does
 not support DualStack",
                             "type": "error"
                          }
                       ]
                    },
                    {
                       "conditions": [],
                       "endpoint": {
                          "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                          "properties": {},
                          "headers": {}
                       },
                       "type": "endpoint"
                    }
                 ]
              }
           ]
        },
        {
           "conditions":
[],
           "error": "Invalid Configuration: Missing Region",
           "type": "error"
        }
     ]
  },
  "smithy.rules#endpointTests": {
     "testCases": [
        {
           "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
           "expect": {
```

```
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.us-east-1.api.aws"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation":
"For region us-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.us-east-1.amazonaws.com"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-east-1.api.aws"
            }
          },

        "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.us-east-1.amazonaws.com"
            }
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
```

```
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region cn-north-1 with
 FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.cn-north-
1.api.amazonwebservices.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.cn-north-1.amazonaws.com.cn"
            }
          },

      "params": {
            "Region": "cn-north-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
            }
          },
          "params": {
            "Region": "cn-north-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region cn-north-1
```

```
with FIPS disabled and DualStack disabled",
                    "expect": {
                      "endpoint": {
                        "url": "https://license-manager-user-subscriptions.cn-north-1.amazonaws.com.cn"
                      }
                    },
                    "params": {
                      "Region": "cn-north-1",
                      "UseFIPS": false,
                      "UseDualStack": false
                    }
                  },
                  {
                    "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
                    "expect": {
                      "endpoint": {
                        "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.api.aws"
                      }
                    },

          "params": {
                      "Region": "us-gov-east-1",
                      "UseFIPS": true,
                      "UseDualStack": true
                    }
                  },
                  {
                    "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
                    "expect": {
                      "endpoint": {
                        "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.amazonaws.com"
                      }
                    },
                    "params": {
                      "Region": "us-gov-east-1",
                      "UseFIPS": true,
                      "UseDualStack": false
                    }
                  },
                  {
                    "documentation": "For region us-gov-east-1
with FIPS disabled and DualStack enabled",
                    "expect": {
                      "endpoint": {
                        "url": "https://license-manager-user-subscriptions.us-gov-east-1.api.aws"
                      }
                    },
                    "params": {
```

```
                "Region": "us-gov-east-1",
                "UseFIPS": false,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions.us-gov-east-1.amazonaws.com"
                }
            },

    "params": {
                "Region": "us-gov-east-1",
                "UseFIPS": false,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
            },
            "params": {
                "Region": "us-iso-east-1",
                "UseFIPS": true,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
            "expect":
{
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
                }
            },
            "params": {
                "Region": "us-iso-east-1",
                "UseFIPS": true,
                "UseDualStack": false
            }
        },
        {
            "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
                "error": "DualStack is enabled but this partition does not support DualStack"
```

```
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack":
true
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions.us-iso-east-1.c2s.ic.gov"
        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "error": "FIPS and DualStack are enabled, but
this partition does not support one or both"
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": true,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
        }
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }

  },
    {
```

```
      "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "error": "DualStack is enabled but this partition does not support DualStack"
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions.us-isob-east-1.sc2s.sgov.gov"
        }
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {

"documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "UseFIPS": false,
        "UseDualStack": false,
```

```
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "For custom endpoint with fips enabled and dualstack disabled",
              "expect": {
                "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
              },
              "params": {
                "Region": "us-east-1",
                 "UseFIPS": true,
                "UseDualStack": false,
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "For custom endpoint with fips disabled and dualstack enabled",
              "expect": {
                "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
              },
              "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                "UseDualStack": true,
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "Missing region",
              "expect": {
                 "error": "Invalid Configuration: Missing Region"
              }
            }
          ],
          "version": "1.0"
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse"
      },
      "errors": [
        {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the identity providers for user-based subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/ListIdentityProviders"
          },
          "smithy.api#paginated":
{
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "IdentityProviderSummaries"
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest": {
        "type": "structure",
        "members": {
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
```

```
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse":
{
        "type": "structure",
        "members": {
          "IdentityProviderSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list identity providers operation.</p>",
              "smithy.api#required": {}
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstances": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest"
         },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/instance/ListInstances"
            },
            "smithy.api#paginated": {
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "InstanceSummaries"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest": {
         "type": "structure",
         "members": {
            "MaxResults": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
               "traits": {
                  "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
               }
            },
            "NextToken": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>Token for the next set of results.</p>"
               }
            },
            "Filters": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
               "traits": {
                  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse": {
```

```
        "type":
"structure",
        "members": {
          "InstanceSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list instances operation.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse"
         },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
           }
        ],
```

```
        "traits": {
            "smithy.api#documentation": "<p>Lists the user-based subscription products available from an identity
provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListProductSubscriptions"
            },
            "smithy.api#paginated": {
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "ProductUserSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest": {
        "type": "structure",
        "members": {
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name
 of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "MaxResults": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
                "traits": {
                    "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
                }
            },
            "Filters": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
                "traits": {

  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match
one or\n      more sets of key-value pairs that you specify.</p>"
                }
            },
```

```
            "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse": {
        "type": "structure",
        "members": {
            "ProductUserSummaries": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList",
                "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the list product subscriptions
operation.</p>"
                }
            },

     "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target":
 "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
```

```
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
               "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
         ],
         "traits": {
            "smithy.api#documentation": "<p>Lists user associations for an identity provider.</p>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/user/ListUserAssociations"
            },
            "smithy.api#paginated":
{
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "InstanceUserSummaries"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest": {
         "type": "structure",
         "members": {
            "InstanceId": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                  "smithy.api#required": {}
               }
            },
            "IdentityProvider": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                  "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
                  "smithy.api#required": {}
               }
            },
            "MaxResults": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
```

```
            "traits": {
                "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
        },
        "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {
                "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
            }
        },
        "NextToken": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>Token for
 the next set of results.</p>"
            }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse": {
      "type": "structure",
      "members": {
        "InstanceUserSummaries": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList",
          "traits": {
            "smithy.api#documentation": "<p>Metadata that describes the list user association operation.</p>"
          }
        },
        "NextToken": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>Token for the next set of results.</p>"
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary": {
      "type": "structure",
      "members": {

      "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
              "smithy.api#required": {}
            }
        },
```

```
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }

    },
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of a product for a user.</p>",
                    "smithy.api#required": {}
                }
            },
            "StatusMessage": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status message for a product for a user.</p>"
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            },
            "SubscriptionStartDate": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The
start date of a subscription.</p>"
                }
            },
            "SubscriptionEndDate": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The end date of a subscription.</p>"
                }
            }
        },
```

```
    "traits": {
        "smithy.api#documentation": "<p>The summary of the user-based subscription products for a user.</p>"
    }
},
"com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList": {
    "type": "list",
    "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary"
    }
},
"com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider": {
    "type": "operation",
    "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest"
     },
    "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse"
    },
    "errors": [
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
         },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
    ],
    "traits": {
        "smithy.api#documentation": "<p>Registers an identity provider for user-based subscriptions.</p>",
        "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/RegisterIdentityProvider"
        },
```

```
            "smithy.api#idempotent": {}
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity
provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Product": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                    "smithy.api#required": {}
                }
            },
            "Settings": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
                "traits": {
                    "smithy.api#documentation": "<p>The registered identity providers product related configuration
settings such as the\n      subnets to provision VPC endpoints.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse": {
        "type": "structure",
        "members": {
            "IdentityProviderSummary":
{
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
                "traits": {
                    "smithy.api#documentation": "<p>Metadata that describes the results of an identity provider
operation.</p>",
                    "smithy.api#required": {}
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException": {
        "type": "structure",
        "members": {
            "message": {
```

```
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The resource couldn't be found.</p>",
          "smithy.api#error": "client",
          "smithy.api#httpError": 404
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup": {
        "type": "string",

    "traits": {
          "smithy.api#length": {
            "min": 5,
            "max": 200
          },
          "smithy.api#pattern": "^sg-(([0-9a-z]{8})|([0-9a-z]{17}))$"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The request failed because a service quota is exceeded.</p>",
          "smithy.api#error": "client"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#Settings": {
        "type": "structure",
        "members": {
          "Subnets": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
            "traits": {
              "smithy.api#documentation":
    "<p>The subnets defined for the registered identity provider.</p>",
              "smithy.api#length": {
                "min": 1
              },
              "smithy.api#required": {}
            }
          },
          "SecurityGroupId": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
```

```
            "traits": {
                "smithy.api#documentation": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in\n      your VPC and the VPC endpoint for activation servers.</p>",
                "smithy.api#required": {}
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The registered identity providers product related configuration settings
such as the\n      subnets to provision VPC endpoints, and the security group ID that
 is associated with the VPC\n      endpoints. The security group should permit inbound TCP port 1688
communication from resources\n      in the VPC.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
           },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Starts a product subscription for a user with the specified identity
provider.</p>\n        <note>\n          <p>Your estimated bill for charges on the number of users and related costs
```

will take 48\n hours to appear for billing periods that haven't closed (marked as Pending billing status) in Amazon Web Services Billing.
For more information, see Viewing your\n monthly charges in the Amazon Web Services Billing User Guide. \n </note>",
"smithy.api#http": {
"code": 200,
"method": "POST",
"uri": "/user/StartProductSubscription"
}
}
},
"com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest": {
"type": "structure",
"members": {
"Username": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " The user name from the identity provider of the user. ",
"smithy.api#required": {}
}
},
"IdentityProvider": {
"target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
"traits": {
"smithy.api#documentation": " An object that specifies details for the identity provider. ",
"smithy.api#required": {}
}
},
"Product": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " The name of the user-based subscription product. ",
"smithy.api#required": {}
}
},
"Domain": {
"target": "smithy.api#String",
"traits": {
"smithy.api#documentation": " The domain name of the user. "
}
}
}
},
"com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse": {
"type": "structure",
"members": {
"ProductUserSummary": {

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the start product subscription
operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"

    },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Stops a product subscription for a user with the specified identity
provider.</p>",
           "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/user/StopProductSubscription"
```

```
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required":
{}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "Domain": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse": {
          "type": "structure",
          "members": {
            "ProductUserSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
              "traits": {
                "smithy.api#documentation":
"<p>Metadata that describes the start product subscription operation.</p>",
                "smithy.api#required": {}
              }
            }
          }
```

```
    },
    "com.amazonaws.licensemanagerusersubscriptions#StringList": {
      "type": "list",
      "member": {
        "target": "smithy.api#String"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Subnet": {
      "type": "string",
      "traits": {
        "smithy.api#pattern": "subnet-[a-z0-9]{8,17}"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Subnets": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#Subnet"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException": {
      "type": "structure",
      "members": {
        "message": {

         "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The request was denied because of request throttling. Retry the
request.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
```

```
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Updates additional product configuration settings for the registered identity\n      provider.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/identity-provider/UpdateIdentityProviderSettings"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest": {
          "type": "structure",
          "members": {
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#required": {}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "UpdateSettings": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings",
              "traits": {
                "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration settings. You can\n      update any combination of settings in a single operation such as the:</p>\n<ul>\n            <li>\n              <p>Subnets which you want to add to provision VPC endpoints.</p>\n            </li>\n            <li>\n              <p>Subnets which you want to remove the VPC endpoints from.</p>\n            </li>\n            <li>\n              <p>Security group ID which permits traffic to the VPC endpoints.</p>\n            </li>\n          </ul>",
                "smithy.api#required": {}
              }
            }
          }
        },
```

```
    "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse": {
      "type": "structure",
      "members": {
        "IdentityProviderSummary": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
          "traits": {
            "smithy.api#required": {}
          }
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings": {
      "type": "structure",
      "members": {
        "AddSubnets": {

       "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
          "traits": {
            "smithy.api#documentation": "<p>The ID of one or more subnets in which License Manager will
create a VPC endpoint for products that\n      require connectivity to activation servers.</p>",
            "smithy.api#required": {}
          }
        },
        "RemoveSubnets": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
          "traits": {
            "smithy.api#documentation": "<p>The ID of one or more subnets to remove.</p>",
            "smithy.api#required": {}
          }
        },
        "SecurityGroupId": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
          "traits": {
            "smithy.api#documentation": "<p>A security group ID
 that allows inbound TCP port 1688 communication between resources in\n      your VPC and the VPC endpoints for
activation servers.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration
settings such as\n      the subnets to provision VPC endpoints.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ValidationException": {
      "type": "structure",
      "members": {
        "message": {
```

```
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>A parameter is not valid.</p>",
            "smithy.api#error": "client"
        }
    }
  }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
  params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string
```

```
 // Current version
 of the license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "DeleteLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack,
 options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
```

```
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if
 err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
 return err
```

```
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "DeleteLicense",
 }
}
```

1.675 acl 2.2.53-10

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1.679 azure-sdk-for-go-sdk-azcore 16.2.1

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1.680 stdr 1.2.2

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1.681 aws-sdk-go-v2-internal-configsources 1.2.10

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```
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
// .
```

```
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
  params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
  return nil,
 err
 }

 out := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
```

```
 return err
}
err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{}, middleware.After)
if err !=
nil {
 return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "AssociateLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack);
err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
```

```
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack,
 options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "AssociateLicense",
 }
}
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Copyright 2014-2015 Stripe, Inc.
name: License Scan

on: [pull_request]
```

```
jobs:
 licensescan:
   name: License Scan
   runs-on: ubuntu-latest
   strategy:
     matrix:
       python-version: [3.9]

   steps:
     - name: Checkout target
       uses: actions/checkout@v2
       with:
         path: sdkbase
         ref: ${{ github.base_ref }}
     - name: Checkout this ref
       uses: actions/checkout@v2
       with:
         path: new-ref
         fetch-depth: 0
     - name: Get Diff
       run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
     - name: Get Target Files
       run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
     - name: Checkout scancode
       uses: actions/checkout@v2
       with:
         repository: nexB/scancode-toolkit
         path: scancode-toolkit
         fetch-depth: 1
     - name: Set up Python ${{ matrix.python-version }}
        uses: actions/setup-python@v2
       with:
         python-version: ${{ matrix.python-version }}
     # ScanCode
     - name: Self-configure scancode
       working-directory: ./scancode-toolkit
       run: ./scancode --help
     - name: Run Scan code on target
       run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
     - name: Run Scan code on pr ref
       run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
     # compare
     - name: License test
       run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
```

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
  params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata
```

```
 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckInLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
```

```
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
  return
 err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckInLicense",
 }
}
{
   "smithy": "2.0",
```

```
  "shapes": {
    "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger": {
      "type": "integer"
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong": {
      "type": "long"
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Filter": {
      "type": "structure",
      "members": {
        "Name": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The type of name to filter by.</p>"
          }
        },
        "Values": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
          "traits": {
            "smithy.api#documentation": "<p>One or more values for the name to filter by.</p>"
          }
        },
        "Operator": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Operator",
           "traits": {
            "smithy.api#documentation": "<p>An operator for filtering results.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>A filter object that is used to return more specific results from a describe
operation.\n      Filters can be used to match a set of resources by specific criteria.</p>"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Filter"
      }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest"
      },
      "output": {
```

```
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Lists the Linux subscriptions service settings.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/subscription/GetServiceSettings"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsRequest":
{
          "type": "structure",
          "members": {}
        },
        "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettingsResponse": {
          "type": "structure",
          "members": {
            "LinuxSubscriptionsDiscovery": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
              "traits": {
                "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
              }
            },
            "LinuxSubscriptionsDiscoverySettings": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
              "traits": {
                "smithy.api#documentation": "<p>Lists the settings defined for Linux subscriptions discovery. The
settings include if\n      Organizations integration has been enabled, and
 which Regions data will be aggregated from.</p>"
              }
            },
            "Status": {
              "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
              "traits": {
```

```
                "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being
applied.</p>"
                }
            },
            "StatusMessage": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
                "traits": {
                "smithy.api#documentation": "<p>A message which details the Linux subscriptions service settings
current status.</p>"
                }
            },
            "HomeRegions": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
                "traits": {
                "smithy.api#documentation": "<p>The Region in which License Manager displays
 the aggregated data for Linux\n      subscriptions.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#Instance": {
        "type": "structure",
        "members": {
            "AmiId": {
                "target": "smithy.api#String",
                "traits": {
                "smithy.api#documentation": "<p>The AMI ID used to launch the instance.</p>"
                }
            },
            "InstanceID": {
                "target": "smithy.api#String",
                "traits": {
                "smithy.api#documentation": "<p>The instance ID of the resource.</p>"
                }
            },
            "InstanceType": {
                "target": "smithy.api#String",
                "traits": {
                "smithy.api#documentation": "<p>The instance type of the resource.</p>"
                }

        },
            "AccountID": {
                "target": "smithy.api#String",
                "traits": {
                "smithy.api#documentation": "<p>The account ID which owns the instance.</p>"
                }
            },
```

```
            "Status": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The status of the instance.</p>"
                }
            },
            "Region": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The Region the instance is running in.</p>"
                }
            },
            "UsageOperation": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The usage operation of the instance. For more information, see For
 more information, see\n        <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-
subscriptions-usage-operation.html\">Usage\n        operation values</a> in the <i>License Manager User
Guide</i>.</p>"
                }
            },
            "ProductCode": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList",
                "traits": {
                    "smithy.api#documentation": "<p>The product code for the instance. For more information, see <a
href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-
operation.html\">Usage\n        operation values</a> in the <i>License Manager User Guide</i> .</p>"
                }
            },
            "LastUpdatedTime": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The time in which the last discovery
 updated the instance details.</p>"
                }
            },
            "SubscriptionName": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The name of the subscription being used by the instance.</p>"
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>Details discovered information about a running instance using Linux
subscriptions.</p>"
        }
    },
```

```
"com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList": {
   "type": "list",
   "member": {
      "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Instance"
   }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException": {
   "type": "structure",
   "members": {
      "message": {
         "target": "smithy.api#String"
       }
   },
   "traits": {
      "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
      "smithy.api#error": "server"
   }
},
"com.amazonaws.licensemanagerlinuxsubscriptions#LicenseManagerLinuxSubscriptions": {
   "type": "service",
   "version": "2018-05-10",
   "operations": [
      {
         "target": "com.amazonaws.licensemanagerlinuxsubscriptions#GetServiceSettings"
      },
      {
         "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances"
      },
      {
         "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions"
      },
      {
         "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings"
      }
   ],

"traits": {
      "aws.api#service": {
         "sdkId": "License Manager Linux Subscriptions",
         "arnNamespace": "license-manager-linux-subscriptions",
         "cloudTrailEventSource": "license-manager-linux-subscriptions.amazonaws.com"
      },
      "aws.auth#sigv4": {
         "name": "license-manager-linux-subscriptions"
      },
      "aws.protocols#restJson1": {},
      "smithy.api#cors": {
         "additionalAllowedHeaders": [
```

```
                "*",
                "content-type",
                "x-amz-content-sha256",
                "x-amz-user-agent",
                "x-amzn-platform-id",
                "x-amzn-trace-id",
                "content-length",
                "x-api-key",
                "authorization",
                "x-amz-date",

 "x-amz-security-token",
                "Access-Control-Allow-Headers",
                "Access-Control-Allow-Methods",
                "Access-Control-Allow-Origin"
              ],
              "additionalExposedHeaders": [
                "x-amzn-errortype",
                "x-amzn-requestid",
                "x-amzn-trace-id"
              ]
            },
            "smithy.api#documentation": "<p>With License Manager, you can discover and track your commercial
Linux subscriptions on running\n      Amazon EC2 instances.</p>",
            "smithy.api#title": "AWS License Manager Linux Subscriptions",
            "smithy.rules#endpointRuleSet": {
              "version": "1.0",
              "parameters": {
                "Region": {
                  "builtIn": "AWS::Region",
                  "required": false,
                  "documentation": "The
 AWS region used to dispatch the request.",
                  "type": "String"
                },
                "UseDualStack": {
                  "builtIn": "AWS::UseDualStack",
                  "required": true,
                  "default": false,
                  "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not
support dual-stack, dispatching the request MAY return an error.",
                  "type": "Boolean"
                },
                "UseFIPS": {
                  "builtIn": "AWS::UseFIPS",
                  "required": true,
                  "default": false,
                  "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the
```

configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",

```
 "type": "Boolean"
    },
    "Endpoint": {
      "builtIn": "SDK::Endpoint",
      "required": false,
      "documentation": "Override the endpoint used to send this request",
      "type": "String"
    }
  },
  "rules": [
    {
      "conditions": [
        {
          "fn": "isSet",
          "argv": [
            {
              "ref": "Endpoint"
            }
          ]
        }
      ],
      "type": "tree",
      "rules": [
        {

          "conditions": [
              {
                "fn": "booleanEquals",
                "argv": [
                  {
                    "ref": "UseFIPS"
                  },
                  true
                ]
              }
            ],
            "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
            "type": "error"
          },
          {
            "conditions": [],
            "type": "tree",
            "rules": [
              {
```

```
                "conditions": [
                        {
                          "fn": "booleanEquals",
                          "argv": [
                            {
                              "ref": "UseDualStack"
                            },
                            true
                          ]
                        }
                      ],
                      "error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
                      "type": "error"
                    },
                    {
                      "conditions": [],

             "endpoint": {
                          "url": {
                            "ref": "Endpoint"
                          },
                          "properties": {},
                          "headers": {}
                        },
                        "type": "endpoint"
                    }
                  ]
                }
              ]
            },
            {
              "conditions": [],
              "type": "tree",
              "rules": [
                {
                  "conditions": [
                    {
                      "fn": "isSet",

          "argv": [
                        {
                          "ref": "Region"
                        }
                      ]
                    }
                  ],
                  "type": "tree",
                  "rules": [
```

```
                    {
                        "conditions": [
                            {
                                "fn": "aws.partition",
                                "argv": [
                                    {
                                        "ref": "Region"
                                    }
                                ],

"assign": "PartitionResult"
                            }
                        ],
                        "type": "tree",
                        "rules": [
                            {
                                "conditions": [
                                    {
                                        "fn": "booleanEquals",
                                        "argv": [
                                            {
                                                "ref": "UseFIPS"
                                            },
                                            true
                                        ]
                                    },

                    {
                                        "fn": "booleanEquals",
                                        "argv": [
                                            {
                                                "ref": "UseDualStack"
                                            },
                                            true
                                        ]
                                    }
                                ],
                                "type": "tree",
                                "rules": [
                                    {
                                        "conditions": [
                                            {

                                          "fn": "booleanEquals",
                                                "argv": [
                                                    true,
                                                    {
                                                        "fn": "getAttr",
```

```
                "argv": [
                  {
                    "ref": "PartitionResult"
                  },
                  "supportsFIPS"
                ]

    }
              ]
            },
            {
              "fn": "booleanEquals",
              "argv": [
                true,
                {
                  "fn": "getAttr",
                  "argv": [
                    {
                      "ref": "PartitionResult"
                    },

                   "supportsDualStack"
                    ]
                  }
                ]
              }
            ],
            "type": "tree",
            "rules": [
              {
                "conditions": [],
                "type": "tree",
                "rules": [
                  {

          "conditions": [],
                    "endpoint": {
                      "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                      "properties": {},
                      "headers": {}
                    },
                    "type": "endpoint"
                  }
                ]
              }
            ]
```

```
                },
                    {
                        "conditions": [],
                        "error": "FIPS and DualStack are enabled, but this partition does not support
one or both",
                        "type": "error"
                    }
                ]
            },
            {
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            {

        "ref": "UseFIPS"
                            },
                            true
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
                    {
                        "conditions": [
                            {
                                "fn": "booleanEquals",
                                "argv": [
                                    true,

    {
                                        "fn": "getAttr",
                                        "argv": [
                                            {
                                                "ref": "PartitionResult"
                                            },
                                            "supportsFIPS"
                                        ]
                                    }
                                ]
                            }
                        ],
                        "type": "tree",

                "rules": [
                            {
                                "conditions": [],
```

```
                "type": "tree",
                "rules": [
                  {
                    "conditions": [],
                    "endpoint": {
                      "url": "https://license-manager-linux-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                      "properties": {},
                      "headers": {}

                    },
                    "type": "endpoint"
                  }
                ]
              }
            ]
          },
          {
            "conditions": [],
            "error": "FIPS is enabled but this partition does not support FIPS",
            "type": "error"
          }
        ]

    },
        {
          "conditions": [
            {
              "fn": "booleanEquals",
              "argv": [
                {
                  "ref": "UseDualStack"
                },
                true
              ]
            }
          ],
          "type": "tree",
          "rules": [
            {

           "conditions": [
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      true,
                      {
                        "fn": "getAttr",
```

```
                                        "argv": [
                                            {
                                                "ref": "PartitionResult"
                                            },
                                            "supportsDualStack"
                                        ]
                                    }
                                ]
                            }
                        ],
                        "type": "tree",
                        "rules": [
                            {
                                "conditions": [],
                                "type": "tree",
                                "rules": [
                                    {
                                        "conditions": [],

                                    "endpoint": {
                                            "url": "https://license-manager-linux-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                            "properties": {},
                                            "headers": {}
                                        },
                                        "type": "endpoint"
                                    }
                                ]
                            }
                        ]
                    },

        {
                            "conditions": [],
                            "error": "DualStack is enabled but this partition does not support DualStack",
                            "type": "error"
                        }
                    ]
                },
                {
                    "conditions": [],
                    "type": "tree",
                    "rules": [
                        {
                            "conditions": [],
                            "endpoint": {
                                "url":
```

```
"https://license-manager-linux-subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                                        "properties": {},
                                        "headers": {}
                                    },
                                    "type": "endpoint"
                                }
                            ]
                        }
                    ]
                }
            ]
        },
        {
            "conditions": [],
            "error": "Invalid Configuration: Missing Region",
            "type": "error"
        }
    ]
}
]
},
"smithy.rules#endpointTests": {
    "testCases": [
        {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-linux-subscriptions-fips.us-east-1.api.aws"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": true
            }
        },
        {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack disabled",
            "expect": {

"endpoint": {
                    "url": "https://license-manager-linux-subscriptions-fips.us-east-1.amazonaws.com"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": false
```

```
    }
  },
  {
    "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.us-east-1.api.aws"
      }
    },
    "params": {
      "Region": "us-east-1",
      "UseFIPS": false,
       "UseDualStack": true
    }
  },
  {
    "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.us-east-1.amazonaws.com"
      }
    },
    "params": {
      "Region": "us-east-1",
      "UseFIPS": false,
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "endpoint": {

    "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.cn-north-1.amazonaws.com.cn"
      }
```

```
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": true,
       "UseDualStack": false
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": false,
      "UseDualStack": true
    }
  },
  {
    "documentation": "For region cn-north-1 with FIPS disabled and DualStack disabled",
    "expect": {
      "endpoint":
{
        "url": "https://license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn"
      }
    },
    "params": {
      "Region": "cn-north-1",
      "UseFIPS": false,
      "UseDualStack": false
    }
  },
  {
    "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
    "expect": {
      "endpoint": {
        "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.api.aws"
      }
    },
    "params": {
      "Region": "us-gov-east-1",
      "UseFIPS": true,
       "UseDualStack": true
    }
  },
  {
```

```
      "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-gov-east-1.amazonaws.com"
        }
      },
      "params": {
        "Region": "us-gov-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "endpoint":
{
          "url": "https://license-manager-linux-subscriptions.us-gov-east-1.api.aws"
        }
      },
      "params": {
        "Region": "us-gov-east-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {
      "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.us-gov-east-1.amazonaws.com"
        }
      },
      "params": {
        "Region": "us-gov-east-1",
        "UseFIPS": false,
         "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": true,
        "UseDualStack": true
```

```
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": true,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
      "expect": {
        "error": "DualStack is enabled but this partition does not support DualStack"
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": true
      }
    },
    {

"documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-linux-subscriptions.us-iso-east-1.c2s.ic.gov"
        }
      },
      "params": {
        "Region": "us-iso-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
      "expect": {
        "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
      },
      "params": {
```

```
      "Region": "us-isob-east-1",
          "UseFIPS": true,
          "UseDualStack": true
        }
      },
      {
        "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-linux-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
          }
        },
        "params": {
          "Region": "us-isob-east-1",
          "UseFIPS": true,
          "UseDualStack": false
        }
      },
      {
        "documentation": "For region us-isob-east-1 with FIPS disabled
and DualStack enabled",
        "expect": {
          "error": "DualStack is enabled but this partition does not support DualStack"
        },
        "params": {
          "Region": "us-isob-east-1",
          "UseFIPS": false,
          "UseDualStack": true
        }
      },
      {
        "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-linux-subscriptions.us-isob-east-1.sc2s.sgov.gov"
          }
        },
        "params": {
          "Region": "us-isob-east-1",

    "UseFIPS": false,
          "UseDualStack": false
        }
      },
      {
        "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
        "expect": {
          "endpoint": {
```

```
                "url": "https://example.com"
              }
            },
            "params": {
              "Region": "us-east-1",
              "UseFIPS": false,
              "UseDualStack": false,
              "Endpoint": "https://example.com"
            }
          },
          {
            "documentation": "For custom endpoint with region not set and fips disabled and dualstack
disabled",

        "expect": {
            "endpoint": {
              "url": "https://example.com"
            }
          },
          "params": {
            "UseFIPS": false,
            "UseDualStack": false,
            "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "For custom endpoint with fips enabled and dualstack disabled",
          "expect": {
            "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": true,
            "UseDualStack": false,

         "Endpoint": "https://example.com"
          }
        },
        {
          "documentation": "For custom endpoint with fips disabled and dualstack enabled",
          "expect": {
            "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
          },
          "params": {
            "Region": "us-east-1",
            "UseFIPS": false,
            "UseDualStack": true,
            "Endpoint": "https://example.com"
```

```
                }
              },
              {
                "documentation": "Missing region",
                "expect": {
                  "error": "Invalid Configuration: Missing Region"
                }

          }
            ],
            "version": "1.0"
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery": {
        "type": "string",
        "traits": {
          "smithy.api#enum": [
            {
              "name": "Enabled",
              "value": "Enabled",
              "documentation": "Enabled LinuxSubscriptionsDiscovery"
            },
            {
              "name": "Disabled",
              "value": "Disabled",
              "documentation": "Disabled LinuxSubscriptionsDiscovery"
            }
          ]
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings": {
        "type": "structure",
        "members": {
          "SourceRegions": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
             "traits": {
              "smithy.api#documentation": "<p>The Regions in which to discover data for Linux
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "OrganizationIntegration": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration",
            "traits": {
              "smithy.api#documentation": "<p>Details if you have enabled resource discovery across your
accounts in Organizations.</p>",
              "smithy.api#required": {}
```

```
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>Lists the settings defined for discovering Linux subscriptions.</p>"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstances": {
        "type":
 "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the running Amazon EC2 instances that were discovered with
commercial Linux\n      subscriptions.</p>",
          "smithy.api#http": {

       "code": 200,
            "method": "POST",
            "uri": "/subscription/ListLinuxSubscriptionInstances"
          },
          "smithy.api#idempotent": {},
          "smithy.api#paginated": {
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "Instances"
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesRequest": {
        "type": "structure",
        "members": {
```

```
            "Filters": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
                "traits": {
                    "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by
 the name of\n      <code>AmiID</code> with an optional operator to see subscriptions that match, partially\n
match, or don't match a certain Amazon Machine Image (AMI) ID.</p>\n      <p>The valid names for this filter
are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>AmiID</code>\n      </p>\n
</li>\n      <li>\n      <p>\n      <code>InstanceID</code>\n      </p>\n      </li>\n
<li>\n      <p>\n      <code>AccountID</code>\n      </p>\n      </li>\n      <li>\n
<p>\n      <code>Status</code>\n      </p>\n      </li>\n      <li>\n      <p>\n
<code>Region</code>\n      </p>\n      </li>\n      <li>\n      <p>\n
<code>UsageOperation</code>\n      </p>\n      </li>\n      <li>\n
    <p>\n      <code>ProductCode</code>\n      </p>\n      </li>\n      <li>\n      <p>\n
     <code>InstanceType</code>\n      </p>\n      </li>\n      </ul>\n      <p>The valid Operators for this
filter are:</p>\n      <ul>\n      <li>\n      <p>\n      <code>contains</code>\n      </p>\n
</li>\n      <li>\n      <p>\n      <code>equals</code>\n      </p>\n      </li>\n      <li>\n
        <p>\n      <code>Notequal</code>\n      </p>\n      </li>\n      </ul>"
                }
            },
            "MaxResults": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
                "traits": {
                    "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"

      }
            },
            "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>",
                    "smithy.api#length": {
                        "min": 1,
                        "max": 16384
                    }
                }
            }
        },
        "traits": {
            "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if
parameters in request increases."
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionInstancesResponse": {
        "type": "structure",
        "members": {
            "Instances": {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InstanceList",
```

```
            "traits": {
                "smithy.api#documentation":
"<p>An array that contains instance objects.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptions": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
           },
          {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the Linux subscriptions that have been discovered. If you have
linked your\n      organization, the returned results will include data aggregated across your accounts in\n
Organizations.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/subscription/ListLinuxSubscriptions"
          },
          "smithy.api#idempotent": {},
          "smithy.api#paginated": {
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "Subscriptions"
          }
```

```
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsRequest": {
        "type": "structure",
        "members": {
          "Filters": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#FilterList",
            "traits": {
              "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match one or\n      more sets of key-value pairs that you specify. For example, you can filter by the name of\n      <code>Subscription</code> with an optional operator to see subscriptions that match,\n      partially match, or don't match a certain subscription's name.</p>\n      <p>The valid names for this filter are:</p>\n      <ul>\n<li>\n<p>\n<code>Subscription</code>\n</p>\n</li>\n</ul>\n<p>The valid Operators for this filter are:</p>\n      <ul>\n<li>\n<p>\n<code>contains</code>\n</p>\n</li>\n<li>\n<p>\n<code>equals</code>\n</p>\n</li>\n<li>\n<p>\n<code>Notequal</code>\n</p>\n</li>\n</ul>"
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>",
              "smithy.api#length": {

                "min": 1,
                "max": 16384
              }
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "NextToken length limit is half of ddb accepted limit.\nIncrease this limit if parameters in request increases."
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#ListLinuxSubscriptionsResponse": {
        "type": "structure",
        "members": {
          "Subscriptions": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList",
```

```
            "traits": {
                "smithy.api#documentation": "<p>An array that contains subscription objects.</p>"
            }
        },
        "NextToken": {
            "target": "smithy.api#String",
            "traits": {
                "smithy.api#documentation": "<p>Token for
the next set of results.</p>"
            }
        }
    }
  },
  "com.amazonaws.licensemanagerlinuxsubscriptions#Operator": {
    "type": "string",
    "traits": {
      "smithy.api#enum": [
        {
          "name": "EQUAL",
          "value": "Equal",
          "documentation": "Equal operator"
        },
        {
          "name": "NOT_EQUAL",
          "value": "NotEqual",
          "documentation": "Not equal operator"
        },
        {
          "name": "CONTAINS",
          "value": "Contains",
          "documentation": "Contains operator"
        }
      ],
      "smithy.api#length": {
        "min": 1,
        "max": 20
      }
    }
  },

 "com.amazonaws.licensemanagerlinuxsubscriptions#OrganizationIntegration": {
    "type": "string",
    "traits": {
      "smithy.api#enum": [
        {
          "name": "Enabled",
          "value": "Enabled",
          "documentation": "Enabled OrganizationIntegration"
```

```
            },
            {
               "name": "Disabled",
               "value": "Disabled",
               "documentation": "Disabled OrganizationIntegration"
            }
         ]
      }
   },
   "com.amazonaws.licensemanagerlinuxsubscriptions#ProductCodeList": {
      "type": "list",
      "member": {
         "target": "smithy.api#String"
      }
   },
   "com.amazonaws.licensemanagerlinuxsubscriptions#Status": {
      "type": "string",
      "traits": {
         "smithy.api#enum": [

{
               "name": "InProgress",
               "value": "InProgress",
               "documentation": "InProgress status"
            },
            {
               "name": "Completed",
               "value": "Completed",
               "documentation": "Completed status"
            },
            {
               "name": "Successful",
               "value": "Successful",
               "documentation": "Successful status"
            },
            {
               "name": "Failed",
               "value": "Failed",
               "documentation": "Failed status"
            }
         ]
      }
   },
   "com.amazonaws.licensemanagerlinuxsubscriptions#StringList": {
      "type": "list",
      "member": {
         "target": "smithy.api#String",
         "traits":
```

```
{
            "smithy.api#length": {
              "min": 1,
              "max": 100
            }
          }
        },
        "traits": {
          "smithy.api#length": {
            "min": 1,
            "max": 100
          },
          "smithy.api#uniqueItems": {}
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap": {
        "type": "map",
        "key": {
          "target": "smithy.api#String"
        },
        "value": {
          "target": "smithy.api#String"
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription": {
        "type": "structure",
        "members": {
          "Name": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the subscription.</p>"

        }
          },
          "Type": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The type of subscription. The type can be subscription-included with Amazon EC2, Bring Your Own\n      Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain subscriptions may use licensing from the\n      Amazon Web Services Marketplace as well as OS licensing from Amazon EC2 or BYOS.</p>"
            }
          },
          "InstanceCount": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#BoxLong",
            "traits": {
              "smithy.api#documentation": "<p>The total amount of running instances using this subscription.</p>"
            }
```

```
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>An object which details a discovered Linux
subscription.</p>"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#SubscriptionList": {
        "type": "list",
        "member": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Subscription"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException": {
        "type": "structure",
        "members": {
            "message": {
                "target": "smithy.api#String"
            }
        },
        "traits": {
            "smithy.api#documentation": "<p>The request was denied due to request throttling.</p>",
            "smithy.api#error": "client"
        }
    },
    "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettings": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest"
        },

    "output": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Updates the service settings for Linux subscriptions.</p>",
            "smithy.api#http": {
```

```
            "code": 200,
            "method": "POST",
            "uri": "/subscription/UpdateServiceSettings"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsRequest":
{
        "type": "structure",
        "members": {
          "LinuxSubscriptionsDiscovery": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
            "traits": {
              "smithy.api#documentation": "<p>Describes if the discovery of Linux subscriptions is enabled.</p>",
              "smithy.api#required": {}
            }
          },
          "LinuxSubscriptionsDiscoverySettings": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
            "traits": {
              "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The
settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated
from.</p>",

  "smithy.api#required": {}
            }
          },
          "AllowUpdate": {
            "target": "smithy.api#Boolean",
            "traits": {
              "smithy.api#documentation": "<p>Describes if updates are allowed to the service settings for Linux
subscriptions. If you\n      allow updates, you can aggregate Linux subscription data in more than one home
Region.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerlinuxsubscriptions#UpdateServiceSettingsResponse": {
        "type": "structure",
        "members": {
          "LinuxSubscriptionsDiscovery": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscovery",
            "traits": {
              "smithy.api#documentation": "<p>Lists if discovery has been enabled for Linux subscriptions.</p>"
            }
          },
```

```
        "LinuxSubscriptionsDiscoverySettings": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#LinuxSubscriptionsDiscoverySettings",
            "traits": {
                "smithy.api#documentation": "<p>The settings defined for Linux subscriptions discovery. The settings include if Organizations\n      integration has been enabled, and which Regions data will be aggregated from.</p>"
            }
        },
        "Status": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#Status",
            "traits": {
                "smithy.api#documentation": "<p>Indicates the status of Linux subscriptions settings being applied.</p>"
            }
        },
        "StatusMessage": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringMap",
            "traits": {
                "smithy.api#documentation":
 "<p>A message which details the Linux subscriptions service settings current status.</p>"
            }
        },
        "HomeRegions": {
            "target": "com.amazonaws.licensemanagerlinuxsubscriptions#StringList",
            "traits": {
                "smithy.api#documentation": "<p>The Region in which License Manager displays the aggregated data for Linux\n      subscriptions.</p>"
            }
        }
    }
  },
  "com.amazonaws.licensemanagerlinuxsubscriptions#ValidationException": {
    "type": "structure",
    "members": {
      "message": {
        "target": "smithy.api#String"
      }
    },
    "traits": {
      "smithy.api#documentation": "<p>The provided input is not valid. Try your request again.</p>",
      "smithy.api#error": "client"
    }
  }
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager
```

```
import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
  params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //   - Beneficiary
 //   - ProductSKU
 //   - Fingerprint
 //
   - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string
```

```
 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{}, middleware.After)
 if err != nil {
  return err
 }
 if
 err := addProtocolFinalizerMiddlewares(stack, options, "ListLicenses"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
```

```
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}
```

```
func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:
     ServiceID,
  OperationName: "ListLicenses",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
  params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 //
 This member is required.
 LicenseType types.LicenseType
```

```
 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack,
 options, "DisassociateLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
```

```
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack);
 err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
```

```
 return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata
 {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "DisassociateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
  params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
```

```
 return out, nil
}

type
 CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Key fingerprint identifying the license.
 //
 // This member is required.
 KeyFingerprint *string

 // Product SKU.
 //
 // This member is required.
 ProductSKU *string

 // License beneficiary.
 Beneficiary *string

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

 // Checkout type.
 CheckoutType types.CheckoutType

 // Allowed license entitlements.
 EntitlementsAllowed []types.EntitlementData
```

```
// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource
Name (ARN) of the checkout license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil
 {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
```

```
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack);
 err != nil {
  return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
```

```
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
  params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
```

```
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier
 that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

 // License entitlements. Partial checkouts are not supported.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Amazon Resource Name (ARN) of the license. The license must use the borrow
 // consumption configuration.
 //
 // This member is required.
 LicenseArn *string

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Allowed license entitlements.
 EntitlementsAllowed
```

```
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{}, middleware.After)
 if err != nil {
  return
 err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "CheckoutBorrowLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack, options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
```

```
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
 return
 err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
 }
 if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
```

```
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "CheckoutBorrowLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
  params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
  return nil, err
 }
```

```
 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide
 to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional
 // configuration for workloads running with continuous connectivity. Choose a
 // borrow configuration for workloads with offline usage.
 //
 // This member is required.
 ConsumptionConfiguration *types.ConsumptionConfiguration

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.Entitlement

 // Home Region for the license.
 //
 // This member is required.
 HomeRegion *string

 // License issuer.
 //
 // This member is required.
 Issuer *types.Issuer

 // License name.
 //
 // This member is required.
 LicenseName *string

 // Product name.
 //
```

```
 // This member is required.
 ProductName *string

 // Product SKU.
 //
 // This member is required.
 ProductSKU *string

 // Date and time range during which the license is valid, in ISO8601-UTC format.
 //
 // This member is required.
 Validity
 *types.DatetimeRange

 // Information about the license.
 LicenseMetadata []types.Metadata

 noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{}, middleware.After)
 if err != nil {
  return err
```

```
}
if err := addProtocolFinalizerMiddlewares(stack, options, "CreateLicense"); err != nil {
 return fmt.Errorf("add
protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
```

```
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName:
 "CreateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
```

```
 if params == nil {
  params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{}, middleware.After)
 if err != nil {
  return err
 }
```

```
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{}, middleware.After)
if err != nil {
 return err
}
if err := addProtocolFinalizerMiddlewares(stack, options, "GetLicense"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return
err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
```

```
 if err = addOpGetLicenseValidationMiddleware(stack);
 err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:       region,
  ServiceID:    ServiceID,
  OperationName: "GetLicense",
 }
}
```

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// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
  params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
```

```
//
  - ProductSKU
//   - Status
//   - Fingerprint
//   - IssuerName
//   - Beneficiary
Filters []types.Filter

// Amazon Resource Names (ARNs) of the licenses.
LicenseArns []string

// Maximum number of results to return in a single call.
MaxResults *int32

// Token for the next set of results.
NextToken *string

noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

// Received license details.
Licenses []types.GrantedLicense

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
 return err
}
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{}, middleware.After)
if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{},
middleware.After)
if err != nil {
 return err
}
```

```
if err := addProtocolFinalizerMiddlewares(stack, options, "ListReceivedLicenses"); err != nil {
 return fmt.Errorf("add protocol finalizers: %v", err)
}

if err = addlegacyEndpointContextSetter(stack, options); err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack);
err != nil {
 return err
}
if err = addClientUserAgent(stack, options); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
 return err
}
```

```
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region
 string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "ListReceivedLicenses",
 }
}
```

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```
{
  "smithy": "2.0",
  "shapes": {
```

```
    "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>You don't have sufficient access to perform this action.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider": {
      "type": "structure",
      "members": {
        "DirectoryId": {
          "target": "smithy.api#String",
          "traits": {
            "smithy.api#documentation": "<p>The directory ID for an Active Directory identity provider.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation":
"<p>Details about an Active Directory identity provider.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#AssociateUser": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
```

```
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
          ],
          "traits": {
            "smithy.api#documentation": "<p>Associates the user to an EC2 instance to utilize user-based subscriptions.</p>\n        <note>\n        <p>Your estimated bill for charges on the number of users and related costs will take 48\n        hours to appear for billing periods that haven't closed (marked as <b>Pending</b> billing status) in Amazon Web Services Billing. For more information, see <a href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n        monthly charges</a> in the <i>Amazon Web Services Billing User Guide</i>.</p>\n        </note>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/user/AssociateUser"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#AssociateUserRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                "smithy.api#required": {}
              }
            },
            "InstanceId": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The ID of the
 EC2 instance, which provides user-based subscriptions.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation": "<p>The identity provider of the user.</p>",
```

```
                "smithy.api#required": {}
              }
            },
            "Domain": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#AssociateUserResponse": {
          "type": "structure",
          "members": {
            "InstanceUserSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
               "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
                "smithy.api#required": {}
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#BoxInteger": {
          "type": "integer"
        },
        "com.amazonaws.licensemanagerusersubscriptions#ConflictException": {
          "type": "structure",
          "members": {
            "message": {
              "target": "smithy.api#String"
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>The request couldn't be completed because it conflicted with the current
state of the\n      resource.</p>",
            "smithy.api#error": "server"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider":
{
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse"
          },
```

```
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
           },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Deregisters the identity provider from providing user-based
subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/DeregisterIdentityProvider"
          },
          "smithy.api#idempotent": {}
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderRequest": {
        "type": "structure",
        "members": {
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
             "traits": {
               "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
               "smithy.api#required": {}
             }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
```

```
                "smithy.api#required": {}
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProviderResponse": {
          "type": "structure",
          "members": {
            "IdentityProviderSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
              "traits": {
                "smithy.api#documentation":
"<p>Metadata that describes the results of an identity provider operation.</p>",
                "smithy.api#required": {}
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser": {
          "type": "operation",
          "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest"
          },
          "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse"
          },
          "errors": [
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
             },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
```

```
        ],
        "traits": {
            "smithy.api#documentation": "<p>Disassociates the user from an EC2 instance providing user-based
subscriptions.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/DisassociateUser"
            },
            "smithy.api#idempotent": {}
        }

    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserRequest": {
        "type": "structure",
        "members": {
            "Username": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                    "smithy.api#required": {}
                }
            },
            "InstanceId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation":
"<p>An object that specifies details for the identity provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "Domain": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The domain name of the user.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#DisassociateUserResponse": {
```

```
        "type": "structure",
        "members": {
          "InstanceUserSummary": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the associate user operation.</p>",
              "smithy.api#required": {}
            }
          }
        }
      },

  "com.amazonaws.licensemanagerusersubscriptions#Filter": {
        "type": "structure",
        "members": {
          "Attribute": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of an attribute to use as a filter.</p>"
            }
          },
          "Operation": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The type of search (For example, eq, geq, leq)</p>"
            }
          },
          "Value": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Value of the filter.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>A filter name and value pair that is used
 to return more specific results from a describe\n      operation. Filters can be used to match a set of resources by
specific criteria, such as tags,\n      attributes, or IDs.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#FilterList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Filter"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider": {
        "type": "union",
```

```
        "members": {
          "ActiveDirectoryIdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ActiveDirectoryIdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that details an Active Directory identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
"<p>Details about an identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary": {
        "type": "structure",
        "members": {
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "Settings": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
            "traits": {
              "smithy.api#documentation": "<p>An object that details the registered identity providers product
related configuration\n      settings such as the subnets to provision VPC endpoints.</p>",
              "smithy.api#required":
{}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status of an identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "FailureMessage": {
            "target": "smithy.api#String",
```

```
            "traits": {
                "smithy.api#documentation": "<p>The failure message associated with an identity provider.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation":
 "<p>Describes an identity provider.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary": {
        "type": "structure",
        "members": {
          "InstanceId": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
              "smithy.api#required": {}
            }
          },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status
 of an EC2 instance resource.</p>",
              "smithy.api#required": {}
            }
          },
          "Products": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#StringList",
            "traits": {
              "smithy.api#documentation": "<p>A list of provided user-based subscription products.</p>",
              "smithy.api#required": {}
            }
          },
          "LastStatusCheckDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The date of the last status check.</p>"
            }
          },
```

```
            "StatusMessage": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>The status message for an EC2 instance.</p>"
               }

         }
      },
      "traits": {
         "smithy.api#documentation": "<p>Describes an EC2 instance providing user-based subscriptions.</p>"
      }
   },
   "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList": {
      "type": "list",
      "member": {
         "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummary"
      }
   },
   "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary": {
      "type": "structure",
      "members": {
         "Username": {
            "target": "smithy.api#String",
            "traits": {
               "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
               "smithy.api#required": {}
            }
         },
         "InstanceId": {
            "target": "smithy.api#String",
            "traits":
{
               "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
               "smithy.api#required": {}
            }
         },
         "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
               "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
               "smithy.api#required": {}
            }
         },
         "Status": {
            "target": "smithy.api#String",
            "traits": {
               "smithy.api#documentation": "<p>The status of a user associated with an EC2 instance.</p>",
```

```
                "smithy.api#required": {}
              }
            },
            "StatusMessage": {
              "target": "smithy.api#String",
               "traits": {
                "smithy.api#documentation": "<p>The status message for users of an EC2 instance.</p>"
              }
            },
            "Domain": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            },
            "AssociationDate": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The date a user was associated with an EC2 instance.</p>"
              }
            },
            "DisassociationDate": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The date a user was disassociated from an EC2 instance.</p>"
              }
            }

  },
        "traits": {
          "smithy.api#documentation": "<p>Describes users of an EC2 instance providing user-based
subscriptions.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummary"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#InternalServerException": {
        "type": "structure",
        "members": {
          "message": {
            "target": "smithy.api#String"
          }
        },
        "traits": {
```

```
        "smithy.api#documentation": "<p>An exception occurred with the service.</p>",
        "smithy.api#error": "server"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#LicenseManagerUserSubscriptions": {
      "type": "service",

     "version": "2018-05-10",
      "operations": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AssociateUser"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DeregisterIdentityProvider"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#DisassociateUser"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstances"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations"

},
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings"
        }
      ],
      "traits": {
        "aws.api#service": {
          "sdkId": "License Manager User Subscriptions",
          "arnNamespace": "license-manager-user-subscriptions",
```

```
            "cloudTrailEventSource": "license-manager-user-subscriptions.amazonaws.com"
        },
        "aws.auth#sigv4": {
            "name": "license-manager-user-subscriptions"
        },
        "aws.protocols#restJson1": {},
        "smithy.api#cors": {
            "additionalAllowedHeaders": [
                "*",
                "content-type",
                "x-amz-content-sha256",
                "x-amz-user-agent",
                "x-amzn-platform-id",
                "x-amzn-trace-id",
                "content-length",
                "x-api-key",
                "authorization",
                "x-amz-date",
                "x-amz-security-token",
                "Access-Control-Allow-Headers",
                "Access-Control-Allow-Methods",
                "Access-Control-Allow-Origin"
            ],
            "additionalExposedHeaders": [
                "x-amzn-errortype",
                "x-amzn-requestid",
                "x-amzn-trace-id"

]
        },
        "smithy.api#documentation": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with\n      a per user subscription fee on Amazon EC2 instances.</p>",
        "smithy.api#title": "AWS License Manager User Subscriptions",
        "smithy.rules#endpointRuleSet": {
            "version": "1.0",
            "parameters": {
                "Region": {
                    "builtIn": "AWS::Region",
                    "required": false,
                    "documentation": "The AWS region used to dispatch the request.",
                    "type": "String"
                },
                "UseDualStack": {
                    "builtIn": "AWS::UseDualStack",
                    "required": true,
                    "default": false,
                    "documentation": "When true, use the dual-stack
```

```
endpoint. If the configured endpoint does not support dual-stack, dispatching the request MAY return an error.",
            "type": "Boolean"
        },
        "UseFIPS": {
            "builtIn": "AWS::UseFIPS",
            "required": true,
            "default": false,
            "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the
configured endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
            "type": "Boolean"
        },
        "Endpoint": {
            "builtIn": "SDK::Endpoint",
            "required": false,
            "documentation": "Override the endpoint used to send this request",
            "type": "String"
        }

    },
        "rules": [
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            {
                "fn": "isSet",
                "argv": [
                {
                    "ref": "Endpoint"
                }
                ]
            }
            ],
            "type": "tree",
            "rules": [
            {
                "conditions": [
                {
                    "fn": "booleanEquals",
                    "argv": [
                    {
                        "ref": "UseFIPS"
                    },

                    true
                    ]
                }
                ],
                "error": "Invalid Configuration: FIPS and custom endpoint are not supported",
                "type": "error"
```

```
            },
            {
              "conditions": [
                {
                  "fn": "booleanEquals",
                  "argv": [
                    {
                      "ref": "UseDualStack"
                    },
                    true
                  ]
                }
              ],

"error": "Invalid Configuration: Dualstack and custom endpoint are not supported",
              "type": "error"
            },
            {
              "conditions": [],
              "endpoint": {
                "url": {
                  "ref": "Endpoint"
                },
                "properties": {},
                "headers": {}
              },
              "type": "endpoint"
            }
          ]
        },
        {
          "conditions": [
            {
              "fn": "isSet",
              "argv": [

{
                  "ref": "Region"
                }
              ]
            }
          ],
          "type": "tree",
          "rules": [
            {
              "conditions": [
                {
                  "fn": "aws.partition",
```

```
                "argv": [
                  {
                    "ref": "Region"
                  }
                ],
                "assign": "PartitionResult"
              }
            ],
            "type": "tree",

      "rules": [
              {
                "conditions": [
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      {
                        "ref": "UseFIPS"
                      },
                      true
                    ]
                  },
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      {
                        "ref": "UseDualStack"

                      },
                      true
                    ]
                  }
                ],
                "type": "tree",
                "rules": [
                  {
                    "conditions": [
                      {
                        "fn": "booleanEquals",
                        "argv": [
                          true,
                          {
                            "fn": "getAttr",

"argv": [
                              {
                                "ref": "PartitionResult"
                              },
```

```
                                    "supportsFIPS"
                                ]
                            }
                        ]
                    },
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            true,
                            {

            "fn": "getAttr",
                                "argv": [
                                    {
                                        "ref": "PartitionResult"
                                    },
                                    "supportsDualStack"
                                ]
                            }
                        ]
                    }
                ],
                "type": "tree",
                "rules": [
                    {

        "conditions": [],
                                "endpoint": {
                                    "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                    "properties": {},
                                    "headers": {}
                                },
                                "type": "endpoint"
                            }
                        ]
                    },
                    {
                        "conditions": [],
                        "error": "FIPS and DualStack are enabled, but this partition does not support one or
both",
                         "type": "error"
                    }
                ]
            },
            {
                "conditions": [
                    {
```

```
                "fn": "booleanEquals",
                "argv": [
                  {
                    "ref": "UseFIPS"
                  },
                  true
                ]
              }
            ],
            "type": "tree",

        "rules": [
              {
                "conditions": [
                  {
                    "fn": "booleanEquals",
                    "argv": [
                      true,
                      {
                        "fn": "getAttr",
                        "argv": [
                          {
                            "ref": "PartitionResult"
                          },
                          "supportsFIPS"

                       ]
                      }
                    ]
                  }
                ],
                "type": "tree",
                "rules": [
                  {
                    "conditions": [],
                    "endpoint": {
                      "url": "https://license-manager-user-subscriptions-
fips.{Region}.{PartitionResult#dnsSuffix}",
                      "properties": {},
                      "headers": {}

            },
                    "type": "endpoint"
                  }
                ]
              },
              {
                "conditions": [],
```

```
                "error": "FIPS is enabled but this partition does not support FIPS",
                "type": "error"
            }
        ]
    },
    {
        "conditions": [
            {
                "fn": "booleanEquals",
                "argv": [
                    {
                        "ref": "UseDualStack"
                    },
                    true
                ]
            }
        ],
        "type": "tree",
        "rules": [
            {
                "conditions": [
                    {
                        "fn": "booleanEquals",
                        "argv": [
                            true,
                            {

                                "fn": "getAttr",
                                    "argv": [
                                        {
                                            "ref": "PartitionResult"
                                        },
                                        "supportsDualStack"
                                    ]
                                }
                            ]
                        }
                    ],
                    "type": "tree",
                    "rules": [
                        {

                            "conditions": [],
                            "endpoint": {
                                "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
                                "properties": {},
                                "headers": {}
```

```
                                    },
                                    "type": "endpoint"
                                }
                            ]
                        },
                        {
                            "conditions": [],
                            "error": "DualStack is enabled but this partition does
not support DualStack",
                            "type": "error"
                        }
                    ]
                },
                {
                    "conditions": [],
                    "endpoint": {
                        "url": "https://license-manager-user-
subscriptions.{Region}.{PartitionResult#dnsSuffix}",
                        "properties": {},
                        "headers": {}
                    },
                    "type": "endpoint"
                }
            ]
        }
    ]
},
{
    "conditions":
[],
    "error": "Invalid Configuration: Missing Region",
    "type": "error"
}
]
},
"smithy.rules#endpointTests": {
    "testCases": [
        {
            "documentation": "For region us-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
                "endpoint": {
                    "url": "https://license-manager-user-subscriptions-fips.us-east-1.api.aws"
                }
            },
            "params": {
                "Region": "us-east-1",
                "UseFIPS": true,
                "UseDualStack": true
```

```
        }
      },
      {
        "documentation":
"For region us-east-1 with FIPS enabled and DualStack disabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions-fips.us-east-1.amazonaws.com"
          }
        },
        "params": {
          "Region": "us-east-1",
          "UseFIPS": true,
          "UseDualStack": false
        }
      },
      {
        "documentation": "For region us-east-1 with FIPS disabled and DualStack enabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions.us-east-1.api.aws"
          }
        },

    "params": {
          "Region": "us-east-1",
          "UseFIPS": false,
          "UseDualStack": true
        }
      },
      {
        "documentation": "For region us-east-1 with FIPS disabled and DualStack disabled",
        "expect": {
          "endpoint": {
            "url": "https://license-manager-user-subscriptions.us-east-1.amazonaws.com"
          }
        },
        "params": {
          "Region": "us-east-1",
          "UseFIPS": false,
          "UseDualStack": false
        }
      },
      {
        "documentation": "For region cn-north-1 with
FIPS enabled and DualStack enabled",
        "expect": {
          "endpoint": {
```

```
                "url": "https://license-manager-user-subscriptions-fips.cn-north-
1.api.amazonwebservices.com.cn"
              }
            },
            "params": {
              "Region": "cn-north-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region cn-north-1 with FIPS enabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.cn-north-1.amazonaws.com.cn"
              }
            },

        "params": {
              "Region": "cn-north-1",
              "UseFIPS": true,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region cn-north-1 with FIPS disabled and DualStack enabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions.cn-north-1.api.amazonwebservices.com.cn"
              }
            },
            "params": {
              "Region": "cn-north-1",
              "UseFIPS": false,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region cn-north-1
 with FIPS disabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions.cn-north-1.amazonaws.com.cn"
              }
            },
            "params": {
              "Region": "cn-north-1",
              "UseFIPS": false,
```

```
            "UseDualStack": false
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack enabled",
          "expect": {
            "endpoint": {
              "url": "https://license-manager-user-subscriptions-fips.us-gov-east-1.api.aws"
            }
          },

    "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS enabled and DualStack disabled",
          "expect": {
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            }
          },
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            "Region": "us-gov-east-1",
            "UseFIPS": true,
            "UseDualStack": false
          }
        },
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with FIPS disabled and DualStack enabled",
          "expect": {
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            }
          },
          "params": {
            "Region": "us-gov-east-1",
            "UseFIPS": false,
            "UseDualStack": true
          }
        },
        {
          "documentation": "For region us-gov-east-1 with FIPS disabled and DualStack disabled",
          "expect": {
            "endpoint": {
```

```
                "url": "https://license-manager-user-subscriptions.us-gov-east-1.amazonaws.com"
              }
            },

        "params": {
              "Region": "us-gov-east-1",
              "UseFIPS": false,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
              "error": "FIPS and DualStack are enabled, but this partition does not support one or both"
            },
            "params": {
              "Region": "us-iso-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-iso-east-1 with FIPS enabled and DualStack disabled",
            "expect":
{
              "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.us-iso-east-1.c2s.ic.gov"
              }
            },
            "params": {
              "Region": "us-iso-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
              "error": "DualStack is enabled but this partition does not support DualStack"
            },
            "params": {
              "Region": "us-iso-east-1",
              "UseFIPS": false,
              "UseDualStack":
true
            }
          },
          {
```

```
            "documentation": "For region us-iso-east-1 with FIPS disabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions.us-iso-east-1.c2s.ic.gov"
              }
            },
            "params": {
              "Region": "us-iso-east-1",
              "UseFIPS": false,
              "UseDualStack": false
            }
          },
          {
            "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack enabled",
            "expect": {
              "error": "FIPS and DualStack are enabled, but
this partition does not support one or both"
            },
            "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": true,
              "UseDualStack": true
            }
          },
          {
            "documentation": "For region us-isob-east-1 with FIPS enabled and DualStack disabled",
            "expect": {
              "endpoint": {
                "url": "https://license-manager-user-subscriptions-fips.us-isob-east-1.sc2s.sgov.gov"
              }
            },
            "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": true,
              "UseDualStack": false
            }

        },
          {
            "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
            "expect": {
              "error": "DualStack is enabled but this partition does not support DualStack"
            },
            "params": {
              "Region": "us-isob-east-1",
              "UseFIPS": false,
              "UseDualStack": true
            }
```

```
    },
    {
      "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack disabled",
      "expect": {
        "endpoint": {
          "url": "https://license-manager-user-subscriptions.us-isob-east-1.sc2s.sgov.gov"
        }
      },
      "params": {
        "Region": "us-isob-east-1",
        "UseFIPS": false,
        "UseDualStack": false
      }
    },
    {
      "documentation": "For custom endpoint with region set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "Region": "us-east-1",
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {

"documentation": "For custom endpoint with region not set and fips disabled and dualstack disabled",
      "expect": {
        "endpoint": {
          "url": "https://example.com"
        }
      },
      "params": {
        "UseFIPS": false,
        "UseDualStack": false,
        "Endpoint": "https://example.com"
      }
    },
    {
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      "expect": {
        "error": "Invalid Configuration: FIPS and custom endpoint are not supported"
      },
      "params": {
```

```
                "Region": "us-east-1",
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                "UseDualStack": false,
                "Endpoint": "https://example.com"
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            },
            {
              "documentation": "For custom endpoint with fips disabled and dualstack enabled",
              "expect": {
                "error": "Invalid Configuration: Dualstack and custom endpoint are not supported"
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              "params": {
                "Region": "us-east-1",
                "UseFIPS": false,
                "UseDualStack": true,
                "Endpoint": "https://example.com"
              }
            },
            {
              "documentation": "Missing region",
              "expect": {
                 "error": "Invalid Configuration: Missing Region"
              }
            }
          ],
          "version": "1.0"
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProviders": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
         },
        {
```

```
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
          }
        ],
        "traits": {
          "smithy.api#documentation": "<p>Lists the identity providers for user-based subscriptions.</p>",
          "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/ListIdentityProviders"
          },
          "smithy.api#paginated":
{
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "IdentityProviderSummaries"
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersRequest": {
        "type": "structure",
        "members": {
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListIdentityProvidersResponse":
{
        "type": "structure",
```

```
    "members": {
      "IdentityProviderSummaries": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummaryList",
        "traits": {
          "smithy.api#documentation": "<p>Metadata that describes the list identity providers operation.</p>",
          "smithy.api#required": {}
        }
      },
      "NextToken": {
        "target": "smithy.api#String",
        "traits": {
          "smithy.api#documentation": "<p>Token for the next set of results.</p>"
        }
      }
    }
  },
  "com.amazonaws.licensemanagerusersubscriptions#ListInstances": {
    "type": "operation",
    "input": {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest"
    },
    "output": {
      "target": "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse"
    },
    "errors": [
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
      },
      {
        "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
      }
    ],
    "traits": {
```

```
            "smithy.api#documentation": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
            "smithy.api#http": {
               "code": 200,
               "method": "POST",
               "uri": "/instance/ListInstances"
            },
            "smithy.api#paginated": {
               "inputToken": "NextToken",
               "outputToken": "NextToken",
               "pageSize": "MaxResults",
               "items": "InstanceSummaries"
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstancesRequest": {
         "type": "structure",
         "members": {
            "MaxResults": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
                "traits": {
                  "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
               }
            },
            "NextToken": {
               "target": "smithy.api#String",
               "traits": {
                  "smithy.api#documentation": "<p>Token for the next set of results.</p>"
               }
            },
            "Filters": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
               "traits": {
                  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
               }
            }
         }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListInstancesResponse": {
         "type":
 "structure",
         "members": {
            "InstanceSummaries": {
               "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceSummaryList",
               "traits": {
                  "smithy.api#documentation": "<p>Metadata that describes the list instances operation.</p>"
               }
            },
```

```
            "NextToken": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>Token for the next set of results.</p>"
                }
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptions": {
        "type": "operation",
        "input": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest"
        },
        "output": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse"
        },
        "errors": [
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
            },
            {
                "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists the user-based subscription products available from an identity
provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListProductSubscriptions"
            },
            "smithy.api#paginated": {
```

```
            "inputToken": "NextToken",
            "outputToken": "NextToken",
            "pageSize": "MaxResults",
            "items": "ProductUserSummaries"
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsRequest": {
        "type": "structure",
        "members": {
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name
 of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }
          },
          "MaxResults": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
            "traits": {
              "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
            }
          },
          "Filters": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
            "traits": {

  "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those that match
 one or\n      more sets of key-value pairs that you specify.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListProductSubscriptionsResponse": {
```

```
        "type": "structure",
        "members": {
          "ProductUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list product subscriptions
operation.</p>"
            }
          },

       "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociations": {
        "type": "operation",
        "input": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest"
        },
        "output": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse"
        },
        "errors": [
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
          },
          {
            "target":
 "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
          },
          {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
```

```
            }
        ],
        "traits": {
            "smithy.api#documentation": "<p>Lists user associations for an identity provider.</p>",
            "smithy.api#http": {
                "code": 200,
                "method": "POST",
                "uri": "/user/ListUserAssociations"
            },
            "smithy.api#paginated":
{
                "inputToken": "NextToken",
                "outputToken": "NextToken",
                "pageSize": "MaxResults",
                "items": "InstanceUserSummaries"
            }
        }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsRequest": {
        "type": "structure",
        "members": {
            "InstanceId": {
                "target": "smithy.api#String",
                "traits": {
                    "smithy.api#documentation": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
                    "smithy.api#required": {}
                }
            },
            "IdentityProvider": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
                "traits": {
                    "smithy.api#documentation": "<p>An object that specifies details for the identity
 provider.</p>",
                    "smithy.api#required": {}
                }
            },
            "MaxResults": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#BoxInteger",
                "traits": {
                    "smithy.api#documentation": "<p>Maximum number of results to return in a single call.</p>"
                }
            },
            "Filters": {
                "target": "com.amazonaws.licensemanagerusersubscriptions#FilterList",
                "traits": {
                    "smithy.api#documentation": "<p>An array of structures that you can use to filter the results to those
that match one or\n      more sets of key-value pairs that you specify.</p>"
```

```
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for
the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ListUserAssociationsResponse": {
        "type": "structure",
        "members": {
          "InstanceUserSummaries": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InstanceUserSummaryList",
            "traits": {
              "smithy.api#documentation": "<p>Metadata that describes the list user association operation.</p>"
            }
          },
          "NextToken": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>Token for the next set of results.</p>"
            }
          }
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary": {
        "type": "structure",
        "members": {

        "Username": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
              "smithy.api#required": {}
            }
          },
          "Product": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
              "smithy.api#required": {}
            }
          },
          "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
```

```
            "traits": {
              "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
              "smithy.api#required": {}
            }

      },
          "Status": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status of a product for a user.</p>",
              "smithy.api#required": {}
            }
          },
          "StatusMessage": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The status message for a product for a user.</p>"
            }
          },
          "Domain": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The domain name of the user.</p>"
            }
          },
          "SubscriptionStartDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The
start date of a subscription.</p>"
            }
          },
          "SubscriptionEndDate": {
            "target": "smithy.api#String",
            "traits": {
              "smithy.api#documentation": "<p>The end date of a subscription.</p>"
            }
          }
        },
        "traits": {
          "smithy.api#documentation": "<p>The summary of the user-based subscription products for a user.</p>"
        }
      },
      "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummaryList": {
        "type": "list",
        "member": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary"
        }
```

```
},
"com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProvider": {
    "type": "operation",
    "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest"
    },
    "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse"
    },
    "errors": [
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
            "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
    ],
    "traits": {
        "smithy.api#documentation": "<p>Registers an identity provider for user-based subscriptions.</p>",
        "smithy.api#http": {
            "code": 200,
            "method": "POST",
            "uri": "/identity-provider/RegisterIdentityProvider"
        },
        "smithy.api#idempotent": {}
    }
},
"com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderRequest": {
    "type": "structure",
    "members": {
        "IdentityProvider": {
            "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
            "traits": {
```

```
                "smithy.api#documentation": "<p>An object that specifies details for the identity
provider.</p>",
                "smithy.api#required": {}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "Settings": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#Settings",
              "traits": {
                "smithy.api#documentation": "<p>The registered identity providers product related configuration
settings such as the\n      subnets to provision VPC endpoints.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#RegisterIdentityProviderResponse": {
          "type": "structure",
          "members": {
            "IdentityProviderSummary":
{
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
              "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the results of an identity provider
operation.</p>",
                "smithy.api#required": {}
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException": {
          "type": "structure",
          "members": {
            "message": {
              "target": "smithy.api#String"
            }
          },
          "traits": {
            "smithy.api#documentation": "<p>The resource couldn't be found.</p>",
            "smithy.api#error": "client",
            "smithy.api#httpError": 404
          }
        },
```

```
    "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup": {
      "type": "string",

  "traits": {
        "smithy.api#length": {
          "min": 5,
          "max": 200
        },
        "smithy.api#pattern": "^sg-(([0-9a-z]{8})|([0-9a-z]{17}))$"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The request failed because a service quota is exceeded.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Settings": {
      "type": "structure",
      "members": {
        "Subnets": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
          "traits": {
            "smithy.api#documentation":
"<p>The subnets defined for the registered identity provider.</p>",
            "smithy.api#length": {
              "min": 1
            },
            "smithy.api#required": {}
          }
        },
        "SecurityGroupId": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
          "traits": {
            "smithy.api#documentation": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in\n      your VPC and the VPC endpoint for activation servers.</p>",
            "smithy.api#required": {}
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The registered identity providers product related configuration settings
```

such as the\n subnets to provision VPC endpoints, and the security group ID that
is associated with the VPC\n endpoints. The security group should permit inbound TCP port 1688
communication from resources\n in the VPC. "
}
},
"com.amazonaws.licensemanagerusersubscriptions#StartProductSubscription": {
"type": "operation",
"input": {
"target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest"
},
"output": {
"target": "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse"
},
"errors": [
{
"target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
},
{
"target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
},
{
"target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
},
{
"target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
},
{
"target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
},
{
"target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
},
{
"target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
}
],
"traits": {
"smithy.api#documentation": " Starts a product subscription for a user with the specified identity
provider. \n <note>\n Your estimated bill for charges on the number of users and related costs
will take 48\n hours to appear for billing periods that haven't closed (marked as Pending billing status)
in Amazon Web Services Billing.
For more information, see <a
href=\"https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/invoice.html\">Viewing your\n monthly
charges in the Amazon Web Services Billing User Guide. \n </note>",
"smithy.api#http": {
"code": 200,
"method": "POST",
"uri": "/user/StartProductSubscription"

```
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionRequest": {
          "type": "structure",
          "members": {
            "Username": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The user name from the identity provider of the user.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required": {}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "Domain": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StartProductSubscriptionResponse": {
          "type": "structure",
           "members": {
            "ProductUserSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
              "traits": {
                "smithy.api#documentation": "<p>Metadata that describes the start product subscription
operation.</p>",
                "smithy.api#required": {}
              }
            }
          }
        },
```

```
    "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscription": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"

  },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ConflictException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ResourceNotFoundException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ServiceQuotaExceededException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Stops a product subscription for a user with the specified identity
provider.</p>",
         "smithy.api#http": {
          "code": 200,
          "method": "POST",
          "uri": "/user/StopProductSubscription"
        }
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionRequest": {
      "type": "structure",
      "members": {
        "Username": {
          "target": "smithy.api#String",
          "traits": {
```

```
                "smithy.api#documentation": "<p>The user name from the identity provider for the user.</p>",
                "smithy.api#required": {}
              }
            },
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
              "traits": {
                "smithy.api#documentation": "<p>An object that specifies details for the identity provider.</p>",
                "smithy.api#required":
{}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "Domain": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The domain name of the user.</p>"
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StopProductSubscriptionResponse": {
          "type": "structure",
          "members": {
            "ProductUserSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#ProductUserSummary",
              "traits": {
                "smithy.api#documentation":
"<p>Metadata that describes the start product subscription operation.</p>",
                "smithy.api#required": {}
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#StringList": {
          "type": "list",
          "member": {
            "target": "smithy.api#String"
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#Subnet": {
          "type": "string",
```

```
      "traits": {
        "smithy.api#pattern": "subnet-[a-z0-9]{8,17}"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#Subnets": {
      "type": "list",
      "member": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#Subnet"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException": {
      "type": "structure",
      "members": {
        "message": {

         "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>The request was denied because of request throttling. Retry the
request.</p>",
        "smithy.api#error": "client"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettings": {
      "type": "operation",
      "input": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest"
      },
      "output": {
        "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse"
      },
      "errors": [
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#AccessDeniedException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#InternalServerException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ThrottlingException"
        },
        {
          "target": "com.amazonaws.licensemanagerusersubscriptions#ValidationException"
        }
      ],
      "traits": {
        "smithy.api#documentation": "<p>Updates additional product configuration settings for the registered
```

```
identity\n      provider.</p>",
            "smithy.api#http": {
              "code": 200,
              "method": "POST",
              "uri": "/identity-provider/UpdateIdentityProviderSettings"
            },
            "smithy.api#idempotent": {}
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsRequest": {
          "type": "structure",
          "members": {
            "IdentityProvider": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProvider",
               "traits": {
                 "smithy.api#required": {}
              }
            },
            "Product": {
              "target": "smithy.api#String",
              "traits": {
                "smithy.api#documentation": "<p>The name of the user-based subscription product.</p>",
                "smithy.api#required": {}
              }
            },
            "UpdateSettings": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings",
              "traits": {
                "smithy.api#documentation": "<p>Updates the registered identity providers product related
configuration settings. You can\n      update any combination of settings in a single operation such as the:</p>\n
<ul>\n            <li>\n                <p>Subnets which you want to add to provision VPC endpoints.</p>\n            </li>\n
          <li>\n                <p>Subnets which you want to remove the VPC endpoints from.</p>\n            </li>\n
<li>\n                <p>Security group ID which permits traffic to the VPC endpoints.</p>\n            </li>\n        </ul>",
                "smithy.api#required": {}
              }
            }
          }
        },
        "com.amazonaws.licensemanagerusersubscriptions#UpdateIdentityProviderSettingsResponse": {
          "type": "structure",
          "members": {
            "IdentityProviderSummary": {
              "target": "com.amazonaws.licensemanagerusersubscriptions#IdentityProviderSummary",
              "traits": {
                "smithy.api#required": {}
              }
            }
          }
```

```
    },
    "com.amazonaws.licensemanagerusersubscriptions#UpdateSettings": {
      "type": "structure",
      "members": {
        "AddSubnets": {

         "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
          "traits": {
            "smithy.api#documentation": "<p>The ID of one or more subnets in which License Manager will
create a VPC endpoint for products that\n      require connectivity to activation servers.</p>",
            "smithy.api#required": {}
          }
        },
        "RemoveSubnets": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#Subnets",
          "traits": {
            "smithy.api#documentation": "<p>The ID of one or more subnets to remove.</p>",
            "smithy.api#required": {}
          }
        },
        "SecurityGroupId": {
          "target": "com.amazonaws.licensemanagerusersubscriptions#SecurityGroup",
          "traits": {
            "smithy.api#documentation": "<p>A security group ID
 that allows inbound TCP port 1688 communication between resources in\n      your VPC and the VPC endpoints for
activation servers.</p>"
          }
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>Updates the registered identity providers product related configuration
settings such as\n      the subnets to provision VPC endpoints.</p>"
      }
    },
    "com.amazonaws.licensemanagerusersubscriptions#ValidationException": {
      "type": "structure",
      "members": {
        "message": {
          "target": "smithy.api#String"
        }
      },
      "traits": {
        "smithy.api#documentation": "<p>A parameter is not valid.</p>",
        "smithy.api#error": "client"
      }
    }
  }
}
```

```
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 "fmt"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
  params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
  return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version
 of the license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}
```

```
type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 if err := stack.Serialize.Add(&setOperationInputMiddleware{}, middleware.After); err != nil {
  return err
 }
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{}, middleware.After)
 if err != nil {
  return err
 }
 if err := addProtocolFinalizerMiddlewares(stack, options, "DeleteLicense"); err != nil {
  return fmt.Errorf("add protocol finalizers: %v", err)
 }

 if err = addlegacyEndpointContextSetter(stack,
 options); err != nil {
  return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
  return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
  return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
  return err
```

```
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
  return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
  return err
 }
 if err = addClientUserAgent(stack, options); err != nil {
  return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
  return err
 }
 if
 err = addSetLegacyContextSigningOptionsMiddleware(stack); err != nil {
  return err
 }
 if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
  return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
  return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
  return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
  return err
 }
 if err = addResponseErrorMiddleware(stack); err != nil {
  return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
  return err
 }
 if err = addDisableHTTPSMiddleware(stack, options); err != nil {
  return err
 }
 return nil
}
```

```
func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
  Region:        region,
  ServiceID:     ServiceID,
  OperationName: "DeleteLicense",
 }
}
```

1.682 gogo-protobuf 1.3.2

1.682.1 Available under license :

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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https://github.com/golang/protobuf

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1.683 xxhash 2.3.0

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1.684 hashstructure 2.0.2

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