



Open Source Used In DNASpaces Connector Onprem Radius 3.0 v3.0.0.85

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1.1 libjpeg 6b

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The Independent JPEG Group's JPEG software

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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

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This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:

install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal
documentation:

libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
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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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.

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REFERENCES

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

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

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

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

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

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

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department

C-Cube Microsystems, Inc.

1778 McCarthy Blvd.

Milpitas, CA 95035

phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at

<ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme

found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems.

IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6).

Instead, we recommend the JPEG design proposed by TIFF Technical Note #2

(Compression tag 7). Copies of this Note can be obtained from [ftp.sgi.com](ftp://ftp.sgi.com) or

from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision

of the TIFF spec will replace the 6.0 JPEG design with the Note's design.

Although IJG's own code does not support TIFF/JPEG, the free libtiff library

uses our library to implement TIFF/JPEG per the Note. libtiff is available

from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is [ftp.uu.net](ftp://ftp.uu.net) (Internet address 192.48.96.9). The most recent released version can always be found there in directory [graphics/jpeg](ftp://ftp.uu.net/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](ftp://ftp.uu.net) is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12

"JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

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

RELATED SOFTWARE

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

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites,
notably [ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/](http://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/). Unfortunately PBPLUS/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/](http://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
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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

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

As always, speeding things up is of great interest.

1.2 commons-collections 3.2.2

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1.5 httpcomponents-client 4.5.5

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1.6 minlog 1.3.0

1.7 listenablefuture 9999.0-empty-to-avoid-conflict-with-guava

1.8 sqlite 3.26.0

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1.11 commons-beanutils 1.9.4

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1.12 okio 1.15.0

1.13 commons-digester 2.1

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1.14 kryo-parent 3.0.3

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/*

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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From
strings/apr_snprintf.c:

- *
- * cvt - IEEE floating point formatting routines.
- * Derived from UNIX V7, Copyright(C) Caldera International Inc.
- *

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1.17 iconv 2.28

1.17.1 Available under license :

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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Most GNU software, including some libraries, is covered by the ordinary

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

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

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

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"work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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a) The modified work must

itself be a software 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

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

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

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

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

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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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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

<one line to give the library's name and a brief idea of what it does.>

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

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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Version 3, 29 June 2007

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

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

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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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1.19 rootfiles 8.1-22.el8

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1.20 shared-mime-info 1.9-3.el8

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1.21 hostname 3.20-6.el8

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hostname -- set the host name or show the host/domain name

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1.22 libutempter 1.1.6-14.el8

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1.25 libxtst 1.2.3-7.el8

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1.27 jbig-kit 2.1-14.el8

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1.28 kerberos 1.18

1.28.1 Available under license :

[NOTE: MIT has only incorporated the mechglue and spnego change, and
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- 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
- lib/libgss/g_rel_cred.c
- lib/libgss/g_rel_name.c
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- 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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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

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

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

and the initial implementation of incremental propagation,
including
the following new or changed files:

include/iprof_hdr.h
kadmin/server/iprof_svc.c
lib/kdb/iprof.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
kprop/kproplog.c

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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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```

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```

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1.32 libxi 1.7.10-1.el8

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1.33 jctools-core 3.1.0

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

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

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

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

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  <developer>
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  </developer>
  <developer>
    <url>https://github.com/mjpt777</url>
  </developer>
</developers>

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

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</prerequisites>

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

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

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

```

Found

in path(s):

* /jctools-core-3-1-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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*/

Found in path(s):

* /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Ordering.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MessagePassingQueueUtil.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpmcAtomicArrayQueue.java
*

/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeJvmInfo.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCLinkedQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Preference.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MessagePassingQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SupportsIterator.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscGrowArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseSpSCLinkedAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java
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/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCLinkedAtomicQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpmcArrayQueue.java
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* /jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeLongArrayAccess.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscBlockingConsumerArrayQueue.java
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/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java
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* /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashSet.java
* /jctools-core-3-1-0-sources-jar/org/jctools/util/Pow2.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCChunkedAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/maps/ConcurrentAutoTable.java

- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddChunk.java
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- /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/LinkedQueueNode.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCUnboundedArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/PortableJvmInfo.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingSetInt.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
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- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCGrowableAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCGrowableArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/RangeUtil.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/package-info.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseSpSCLinkedArrayQueue.java

1.34 libcroco 0.6.12-4.el8_2.1

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1.35 bzip2 1.0.6-26.el8

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

1.36 acl 2.2.53-1.el8

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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.

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

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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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1.38 libusb 1.0.23-4.el8

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1.39 libkcap1 1.2.0-2.el8

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1.42 okhttp 3.12.12

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*/
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*/okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/OkHostnameVerifier.java
*/okhttp-3-12-12-sources-1-jar/okhttp3/Connection.java
*/okhttp-3-12-12-sources-1-jar/okhttp3/ConnectionPool.java
*/okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/OptionalMethod.java
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- * /okhttp-3-12-12-sources-1-jar/okhttp3/CookieJar.java
- *
- * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/ConnectionSpecSelector.java
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 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpCodec.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpHeaders.java
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* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/publicsuffix/PublicSuffixDatabase.java
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* /okhttp-3-12-12-sources-1-jar/okhttp3/Interceptor.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/ConnectionSpec.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/ws/WebSocketReader.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/CertificatePinner.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/ws/WebSocketWriter.java
*
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/ws/WebSocketProtocol.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/Callback.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/Call.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/Protocol.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/Credentials.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/FormBody.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/Challenge.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/ResponseBody.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Header.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/RealResponseBody.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/TlsVersion.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache/CacheRequest.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/PushObserver.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/RequestBody.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/CipherSuite.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/Version.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/ConscryptPlatform.java
*

/okhttp-3-12-12-sources-1-jar/okhttp3/MultipartBody.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/Internal.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/RealCall.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpMethod.java
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* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Hpack.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/Handshake.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/ErrorCode.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache/CacheStrategy.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/Route.java
 *
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/RequestLine.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/StatusLine.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/Response.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/Dispatcher.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache/InternalCache.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/NamedRunnable.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/Request.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/RouteDatabase.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Http2.java
 * /okhttp-3-12-12-sources-1-jar/okhttp3/MediaType.java

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* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache/DiskLruCache.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Http2Writer.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Http2Connection.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Http2Stream.java
*
/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpDate.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Http2Reader.java
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* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/ConnectionShutdownException.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/WebSocket.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/Jdk9Platform.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/ws/RealWebSocket.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/CallServerInterceptor.java
*
/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/UnrepeatableRequestBody.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/WebSocketListener.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache2/FileOperator.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache2/Relay.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/JdkWithJettyBootPlatform.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/AndroidPlatform.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/TrustRootIndex.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/RetryAndFollowUpInterceptor.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/StreamResetException.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/BasicTrustRootIndex.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/BasicCertificateChainCleaner.java
* /okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/RealInterceptorChain.java

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1.45 harfbuzz 1.7.5-3.el8

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1.46 libthai 0.1.27-2.el8

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- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Log4JLogger.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
- *
- /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/SimpleLog.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk14Logger.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogSource.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/NoOpLog.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogKitLogger.java
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1.52 joda-time 2.10.8

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1.60 libxcomposite 0.4.4-14.el8

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 * /reflectasm-1-10-1-sources-3-jar/com/esotericsoftware/reflectasm/PublicConstructorAccess.java
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1.62 asm 9.1

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* /asm-9-1-sources-jar/org/objectweb/asm/RecordComponentVisitor.java
* /asm-9-1-sources-jar/org/objectweb/asm/signature/SignatureReader.java
*
/asm-9-1-sources-jar/org/objectweb/asm/Context.java
* /asm-9-1-sources-jar/org/objectweb/asm/TypeReference.java
* /asm-9-1-sources-jar/org/objectweb/asm/FieldVisitor.java
* /asm-9-1-sources-jar/org/objectweb/asm/MethodTooLargeException.java
* /asm-9-1-sources-jar/org/objectweb/asm/ModuleVisitor.java
* /asm-9-1-sources-jar/org/objectweb/asm/ClassTooLargeException.java
* /asm-9-1-sources-jar/org/objectweb/asm/ClassWriter.java
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* /asm-9-1-sources-jar/org/objectweb/asm/Handler.java
* /asm-9-1-sources-jar/org/objectweb/asm/FieldWriter.java
* /asm-9-1-sources-jar/org/objectweb/asm/Type.java
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- * /asm-9-1-sources-jar/org/objectweb/asm/Constants.java
- *
- /asm-9-1-sources-jar/org/objectweb/asm/ConstantDynamic.java
- * /asm-9-1-sources-jar/org/objectweb/asm/Label.java
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- * /asm-9-1-sources-jar/org/objectweb/asm/ClassReader.java
- * /asm-9-1-sources-jar/org/objectweb/asm/AnnotationVisitor.java
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- * /asm-9-1-sources-jar/org/objectweb/asm/SymbolTable.java
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- * /asm-9-1-sources-jar/org/objectweb/asm/RecordComponentWriter.java
- * /asm-9-1-sources-jar/org/objectweb/asm/Symbol.java
- * /asm-9-1-sources-jar/org/objectweb/asm/CurrentFrame.java

1.63 libnsI 1.2.0-2.20180605git4a062cf.el8

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1.68 ima-evm-utils 1.3.2-12.el8

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1.70 avahi 0.7-20.el8

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executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
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1.71 gtk 2.24.32-5.el8

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Version 2.1, February 1999

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threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
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Any executables

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Upstream-Name: liblz4

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

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

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*/
```

Found in path(s):

* /lua-5.3.4-12.el8.src.rpm-cosi-expand-archive-A0EuhZkO/lua-5.3.4.tar.gz-cosi-expand-archive-KIn84GUS/lua-5.3.4/src/lua.h

1.78 pcre 8.42-6.el8

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

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Cambridge, England.

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1.79 libcap-ng 0.7.11-1.el8

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1.81 copy-jdk-configs 4.0-2.el8

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1.83 tomcat-jasper 2.0.14-5.el8

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1.84 libx11 1.6.8-5.el8

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1.85 xorg-x11-font-utils 7.5-41.el8

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1.86 pango 1.42.4-8.el8

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1.87 libxfont 7.5-41.el8

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1.88 kryo 3.0.3

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- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/KryoDataInput.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/util/DefaultClassResolver.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/factories/PseudoSerializerFactory.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/ObjectCachedFieldFactory.java
- *

/kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/pool/KryoFactory.java

* /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/util/DefaultStreamFactory.java

* /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/pool/SoftReferenceQueue.java

* /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/util/IdentityObjectIntMap.java

* /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/ObjectField.java

- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/KryoObjectInput.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/KryoSerializable.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/KryoException.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/OutputChunked.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/ReferenceResolver.java
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- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/pool/KryoCallback.java
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- /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/FieldSerializer.java
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- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/FieldSerializerAnnotationsUtil.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/KryoDataOutput.java
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- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/util/MapReferenceResolver.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/ByteBufferInput.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/util/ListReferenceResolver.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/TaggedFieldSerializer.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/factories/SerializerFactory.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/KryoCopyable.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/BeanSerializer.java
- *
- /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/Registration.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/BlowfishSerializer.java
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- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/util/Util.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/AsmCachedFieldFactory.java
- *
- /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/ByteBufferOutputStream.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/DefaultSerializer.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/AsmCacheFields.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/UnsafeCacheFields.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/Output.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/UnsafeInput.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/InputChunked.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/ByteBufferInputStream.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/ClosureSerializer.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/serializers/MapSerializer.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/util/ObjectMap.java
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- *
- /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/factories/ReflectionSerializerFactory.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/Kryo.java
- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/FastOutput.java
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- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/NotNull.java
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- *
- /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/Serializer.java
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- * /kryo-3-0-3-sources-jar/com/esotericsoftware/kryo/io/FastInput.java
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1.89 scala 2.12.15

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1.92 ncurses 6.1-9.20180224.el8

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1.93 open-ldap 2.4.46-18.el8

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Any executables containing that work also fall under Section 6,

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1.96 tpm2-tss-tcti 2.3.2-4.el8

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1.97 libxcrypt 4.1.1-6.el8

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1.98 libmodulemd 2.13.0-1.el8

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1.99 protobuf-java-format 1.4

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1.100 cpio 2.12-11.el8

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written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge.

You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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1.101 cyrus-sasl 2.1.27-6.el8_5

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 * Tim Martin
 * Rob Earhart
 * Rob Siemborski
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```
*/
/* CMU libsasl
 * Tim Martin
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```

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1.102 accessors-smart 2.4.8

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Manifest-Version: 1.0

Bnd-LastModified: 1644737816481

Build-Jdk: 11.0.14

Built-By: uriel

Bundle-Description: Java reflect give poor performance on getter setter and constructor calls, accessors-smart use ASM to speed up those calls.

Bundle-DocURL: <https://urielch.github.io/>

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

Bundle-ManifestVersion: 2

Bundle-Name: accessors-smart

Bundle-SymbolicName: net.minidev.accessors-smart

Bundle-Vendor: Chemouni Uriel

Bundle-Version: 2.4.8

Created-By: Apache Maven Bundle Plugin

Export-Package: net.minidev.asm;uses:="org.objectweb.asm";version="2.4.8",net.minidev.asm.ex;version="2.4.8"

Import-Package: org.objectweb.asm;version="[8.0,10)",net.minidev.asm.ex

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

Tool: Bnd-5.1.1.202006162103

Found in path(s):

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

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Found in path(s):

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1.103 json-smart 2.4.8

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* /json-smart-2-4-8-jar/META-INF/maven/net.minidev/json-smart/pom.xml

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Manifest-Version: 1.0

Bnd-LastModified: 1644737862078

Build-Jdk: 11.0.14

Built-By: uriel

Bundle-Description: JSON (JavaScript Object Notation) is a lightweight data-interchange format. It is easy for humans to read and write. It is easy for machines to parse and generate. It is based on a subset of the JavaScript Programming Language, Standard ECMA-262 3rd Edition - December 1999. JSON is a text format that is completely language independent but uses conventions that are familiar to programmers of the C-family of languages, including C, C++, C#, Java, JavaScript, Perl, Python, and many others. These properties make JSON an ideal data-interchange language.

Bundle-DocURL: <https://urielch.github.io/>

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

Bundle-ManifestVersion: 2

Bundle-Name: json-smart

Bundle-SymbolicName: net.minidev.json-smart

Bundle-Vendor: Chemouni Uriel

Bundle-Version:

2.4.8

Created-By: Apache Maven Bundle Plugin

Export-Package: net.minidev.json;uses:="net.minidev.asm,net.minidev.json.parser,net.minidev.json.reader,net.minidev.json.writer";version="2.4.8",net.minidev.json.annotate;version="2.4.8",net.minidev.json.parser;uses:="net.minidev.json.writer";version="2.4.8",net.minidev.json.reader;uses:="net.minidev.json";version="2.4.8",net.minidev.json.writer;uses:="net.minidev.json,net.minidev.json.parser";version="2.4.8"

Import-Package: net.minidev.asm;version="[2.4,3)",net.minidev.json,net.minidev.json.annotate,net.minidev.json.parser,net.minidev.json.reader,net.minidev.json.writer

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

Tool: Bnd-5.1.1.202006162103

Found in path(s):

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1.104 guava 31.1-jre

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Found in path(s):

- * /guava-31-1-jre-sources-jar/com/google/common/collect/UnmodifiableIterator.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/StandardRowSortedTable.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/PeekingIterator.java
- *
- /guava-31-1-jre-sources-jar/com/google/common/collect/Tables.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/Serialization.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/Platform.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableBiMap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableBiMap.java
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- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMapValues.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/Collections2.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMap.java
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- /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMultimap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/StandardTable.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/TreeBasedTable.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/Table.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMapEntrySet.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableListMultimap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableMap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMultiset.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/Range.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/HashBasedTable.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedSet.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/EmptyImmutableListMultimap.java

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```

* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMapEntry.java
* /guava-31-1-jre-sources-jar/com/google/common/io/MoreFiles.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/MultimapBuilder.java

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```

* /guava-31-1-jre-sources-jar/com/google/common/base/Java8Compatibility.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/OverflowAvoidingLockSupport.java
* /guava-31-1-jre-sources-jar/com/google/common/math/ToDoubleRounder.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Java8Compatibility.java
*

```

```

/guava-31-1-jre-sources-jar/com/google/common/math/BigDecimalMath.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Java8Compatibility.java

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* /guava-31-1-jre-sources-jar/com/google/common/collect/TreeMultiset.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/LexicographicalOrdering.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/EnumHashMap.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractListMultimap.java
 *
 /guava-31-1-jre-sources-jar/com/google/common/collect/NaturalOrdering.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/Interners.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/package-info.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingMultiset.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/Multiset.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractMapBasedMultimap.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractMapEntry.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingMap.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/TreeMultimap.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/SetMultimap.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/CompoundOrdering.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/ClassToInstanceMap.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/UsingToStringOrdering.java
 *
 /guava-31-1-jre-sources-jar/com/google/common/collect/SingletonImmutableSet.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/LinkedHashMultimap.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/Lists.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/NullsLastOrdering.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/SortedSetMultimap.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/Iterators.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/Sets.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/Multimaps.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSet.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/ReverseOrdering.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/ComparatorOrdering.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingMapEntry.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/Multisets.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/Maps.java

```

*
/guava-31-1-jre-sources-jar/com/google/common/collect/MutableClassToInstanceMap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ConcurrentHashMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Iterables.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Synchronized.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableList.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractSetMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingConcurrentMap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/HashMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Ordering.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractSortedSetMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/EnumBiMap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/MapDifference.java
*
/guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSortedMap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Multimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableSet.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/NullsFirstOrdering.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/BiMap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSortedSet.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractIterator.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ReverseNaturalOrdering.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingCollection.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractBiMap.java
*
/guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingObject.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ListMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingListIterator.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ExplicitOrdering.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/LinkedHashMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ByFunctionOrdering.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingList.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/LinkedListMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ArrayListMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/HashMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSet.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingQueue.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingIterator.java
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* /guava-31-1-jre-sources-jar/com/google/common/math/Quantiles.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListenerCallQueue.java
*
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/Subscriber.java
* /guava-31-1-jre-sources-jar/com/google/common/base/MoreObjects.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/SubscriberRegistry.java

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/**
* Returns an array containing all of the elements in the specified collection. This method
* returns the elements in the order they are returned by the collection's iterator. The returned
* array is "safe" in that no references to it are maintained by the collection. The caller is
* thus free to modify the returned
array.
*
* <p>This method assumes that the collection size doesn't change while the method is running.
*
* <p>TODO(kevinb): support concurrently modified collections?
*
* @param c the collection for which to return an array of elements

```


*/

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* /guava-31-1-jre-sources-jar/com/google/common/collect/ObjectArrays.java

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* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableEnumMap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/FilteredSetMultimap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingNavigableMap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/RangeMap.java

*

/guava-31-1-jre-sources-jar/com/google/common/collect/CompactLinkedHashSet.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableAsList.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/EvictingQueue.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/TreeTraverser.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/CompactHashSet.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractNavigableMap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingDeque.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractMultimap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/AllEqualOrdering.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/DescendingImmutableSortedSet.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableList.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/UnmodifiableSortedMultiset.java

*

/guava-31-1-jre-sources-jar/com/google/common/collect/SortedMultisetBridge.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/CompactLinkedHashMap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/FilteredKeyListMultimap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableSet.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/CompactHashMap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingNavigableSet.java

```

* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingBlockingDeque.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/FilteredEntrySetMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/TreeRangeMap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/DescendingMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/FilteredEntryMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/FilteredMultimap.java
*
/guava-31-1-jre-sources-jar/com/google/common/collect/TransformedIterator.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/FilteredKeySetMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableMap.java
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* /guava-31-1-jre-sources-jar/com/google/common/cache/Striped64.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/LongAdder.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Striped64.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/LongAdder.java
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* /guava-31-1-jre-sources-jar/com/google/common/collect/ComparisonChain.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java

```

```

* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMap.java
*
/guava-31-1-jre-sources-jar/com/google/common/collect/TableCollectors.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableList.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/SingletonImmutableList.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ArrayTable.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableEnumSet.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/DiscreteDomain.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingTable.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ComputationException.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/SingletonImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableAsList.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractIndexedListIterator.java
*
/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSetMultimap.java
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* /guava-31-1-jre-sources-jar/com/google/common/eventbus/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/base/ElementTypesAreNonnullByDefault.java
*
/guava-31-1-jre-sources-jar/com/google/common/cache/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/xml/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/ElementTypesAreNonnullByDefault.java

```

```

* /guava-31-1-jre-sources-jar/com/google/common/net/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/math/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/xml/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/ParametricNullness.java
*
/guava-31-1-jre-sources-jar/com/google/common/math/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/html/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/base/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/html/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/net/ElementTypesAreNonnullByDefault.java
*
/guava-31-1-jre-sources-jar/com/google/common/eventbus/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/ParametricNullness.java
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Found in path(s):

```

* /guava-31-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/ImmutableSupplier.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionSequencer.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableSet.java

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* This following method is a modified version of one found in
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* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/MoreExecutors.java

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- * /guava-31-1-jre-sources-jar/com/google/common/collect/Comparators.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableNetwork.java
- *
- /guava-31-1-jre-sources-jar/com/google/common/graph/NetworkConnections.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableValueGraph.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/GraphConstants.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/ElementOrder.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/DirectedNetworkConnections.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractGraph.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableGraph.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/UndirectedNetworkConnections.java
- *
- /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/ValueGraphBuilder.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/MapRetrievalCache.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingNetwork.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/MutableValueGraph.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/GraphConnections.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/NetworkBuilder.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/EndpointPair.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/StandardValueGraph.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/StandardNetwork.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractValueGraph.java
- *

```

/guava-31-1-jre-sources-jar/com/google/common/graph/UndirectedGraphConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ValueGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/MultiEdgesConnecting.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingValueGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/MapIteratorCache.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractNetwork.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/CollectCollectors.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/DirectedGraphConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/MoreCollectors.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ImmutableValueGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/GraphBuilder.java
* /guava-31-1-jre-sources-
jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
*
/guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/EndpointPairIterator.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/EdgesConnecting.java
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*/
/**
* Holder for web specializations of methods of {@code Doubles}. Intended to be empty for regular
* version.
*/

```

Found in path(s):

```

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

* /guava-31-1-jre-sources-jar/com/google/common/collect/Queues.java
 * /guava-31-1-jre-sources-jar/com/google/common/base/Optional.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractSortedMultiset.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/RegularContiguousSet.java
 * /guava-31-1-jre-sources-jar/com/google/common/primitives/ParseRequest.java
 *
 /guava-31-1-jre-sources-jar/com/google/common/cache/LoadingCache.java
 * /guava-31-1-jre-sources-jar/com/google/common/net/HttpHeaders.java
 * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FutureCallback.java
 * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Uninterruptibles.java
 * /guava-31-1-jre-sources-jar/com/google/common/hash/Crc32cHashFunction.java
 * /guava-31-1-jre-sources-jar/com/google/common/base/Enums.java
 * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
 * /guava-31-1-jre-sources-jar/com/google/common/math/LongMath.java
 * /guava-31-1-jre-sources-jar/com/google/common/cache/RemovalListener.java
 * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractScheduledService.java
 * /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedInts.java
 * /guava-31-1-jre-sources-jar/com/google/common/cache/RemovalCause.java
 *
 /guava-31-1-jre-sources-jar/com/google/common/base/Ticker.java
 * /guava-31-1-jre-sources-jar/com/google/common/hash/Hasher.java
 * /guava-31-1-jre-sources-jar/com/google/common/base/PairwiseEquivalence.java
 * /guava-31-1-jre-sources-jar/com/google/common/hash/BloomFilterStrategies.java
 * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/WrappingExecutorService.java
 * /guava-31-1-jre-sources-jar/com/google/common/math/DoubleMath.java
 * /guava-31-1-jre-sources-jar/com/google/common/reflect/Types.java
 * /guava-31-1-jre-sources-jar/com/google/common/cache/CacheBuilderSpec.java
 * /guava-31-1-jre-sources-jar/com/google/common/math/IntMath.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/BoundType.java
 * /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
 * /guava-31-1-jre-sources-jar/com/google/common/hash/Funnel.java
 * /guava-31-1-jre-sources-jar/com/google/common/hash/BloomFilter.java
 * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
 *
 /guava-31-1-jre-sources-jar/com/google/common/math/BigIntegerMath.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/EmptyContiguousSet.java
 * /guava-31-1-jre-sources-jar/com/google/common/cache/AbstractLoadingCache.java

- * /guava-31-1-jre-sources-jar/com/google/common/collect/TreeRangeSet.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/CacheLoader.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractCompositeHashFunction.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionError.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/Murmur3_32HashFunction.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AsyncFunction.java
- * /guava-31-1-jre-sources-jar/com/google/common/math/package-info.java
- *
- /guava-31-1-jre-sources-jar/com/google/common/cache/CacheStats.java
- * /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedInteger.java
- * /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedLong.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/HashFunction.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/Weigher.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractStreamingHasher.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/AbstractCache.java
- * /guava-31-1-jre-sources-jar/com/google/common/net/MediaType.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/Cache.java
- * /guava-31-1-jre-sources-jar/com/google/common/base/Present.java
- * /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedLongs.java
- * /guava-31-1-jre-sources-jar/com/google/common/base/FunctionalEquivalence.java
- *
- /guava-31-1-jre-sources-jar/com/google/common/math/MathPreconditions.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/HashCode.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/ForwardingCache.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/Murmur3_128HashFunction.java
- * /guava-31-1-jre-sources-jar/com/google/common/base/Absent.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/ForwardingLoadingCache.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableMultiset.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/Funnels.java
- * /guava-31-1-jre-sources-jar/com/google/common/net/HostAndPort.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/RemovalListeners.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/PrimitiveSink.java
- * /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeParameter.java
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- /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractHasher.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/MessageDigestHashFunction.java
- * /guava-31-1-jre-sources-jar/com/google/common/math/DoubleUtils.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingExecutorService.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/HashingOutputStream.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/RemovalNotification.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/Hashing.java
- * /guava-31-1-jre-sources-jar/com/google/common/cache/package-info.java

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`/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java`

`/guava-31-1-jre-sources-jar/com/google/common/graph/package-info.java`

`/guava-31-1-jre-sources-jar/com/google/common/collect/CollectSpliterators.java`

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/**

* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain

* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available

* under GWT but with a slightly different signature.

*

* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler wouldn't recognize

* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT

* compiler to autostrip the normal server method in order to expose the special, inherited GWT

* version.

*/

Found in path(s):

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Partially.java

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*/

/**

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

* version.

*/

Found in path(s):

* /guava-31-1-jre-sources-jar/com/google/common/primitives/FloatsMethodsForWeb.java

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* /guava-31-1-jre-sources-jar/com/google/common/graph/Graph.java
 * /guava-31-1-jre-sources-jar/com/google/common/io/RecursiveDeleteOption.java
 * /guava-31-1-jre-sources-jar/com/google/common/graph/Network.java
 * /guava-31-1-jre-sources-jar/com/google/common/graph/PredecessorsFunction.java
 * /guava-31-1-jre-sources-jar/com/google/common/graph/ImmutableNetwork.java
 *
 * /guava-31-1-jre-sources-jar/com/google/common/io/InsecureRecursiveDeleteException.java
 * /guava-31-1-jre-sources-jar/com/google/common/graph/MutableGraph.java
 * /guava-31-1-jre-sources-jar/com/google/common/graph/ImmutableGraph.java
 * /guava-31-1-jre-sources-jar/com/google/common/collect/TopKSelector.java
 * /guava-31-1-jre-sources-jar/com/google/common/graph/Graphs.java
 * /guava-31-1-jre-sources-jar/com/google/common/graph/MutableNetwork.java
 * /guava-31-1-jre-sources-jar/com/google/common/graph/SuccessorsFunction.java
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* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AtomicLongMap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/GwtTransient.java

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*

* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's

* `java.util.HashMap`

class.

*/

Found in path(s):

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Striped.java

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- * /guava-31-1-jre-sources-jar/com/google/common/graph/IncidentEdgeSet.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/CompactHashing.java

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- * /guava-31-1-jre-sources-jar/com/google/common/cache/ReferenceEntry.java
- * /guava-31-1-jre-sources-jar/com/google/common/io/ByteProcessor.java
- * /guava-31-1-jre-sources-jar/com/google/common/io/ByteArrayDataOutput.java
- * /guava-31-1-jre-sources-jar/com/google/common/xml/XmlEscapers.java
- * /guava-31-1-jre-sources-jar/com/google/common/io/LineProcessor.java

*

/guava-31-1-jre-sources-jar/com/google/common/collect/DenseImmutableTable.java

* /guava-31-1-jre-sources-jar/com/google/common/cache/LocalCache.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/JdkFutureAdapters.java

* /guava-31-1-jre-sources-jar/com/google/common/escape/Escapers.java

* /guava-31-1-jre-sources-jar/com/google/common/annotations/GwtIncompatible.java

* /guava-31-1-jre-sources-jar/com/google/common/escape/Platform.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractIdleService.java

* /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedBytes.java

* /guava-31-1-jre-sources-jar/com/google/common/net/HostSpecifier.java

* /guava-31-1-jre-sources-jar/com/google/common/net/InternetDomainName.java

* /guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedCharEscaper.java

* /guava-31-1-jre-sources-jar/com/google/common/base/Splitter.java

* /guava-31-1-jre-sources-jar/com/google/common/net/UrlEscapers.java

*

/guava-31-1-jre-sources-jar/com/google/common/base/Platform.java

* /guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/MapMaker.java

* /guava-31-1-jre-sources-jar/com/google/common/html/HtmlEscapers.java

* /guava-31-1-jre-sources-jar/com/google/common/io/ByteArrayDataInput.java

* /guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedEscaperMap.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/MapMakerInternalMap.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Callables.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeResolver.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Service.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SettableFuture.java
*

/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractService.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Cut.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/SparseImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/annotations/GwtCompatible.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/CacheBuilder.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/SignedBytes.java

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*/

/**

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

*/

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* /guava-31-1-jre-sources-jar/com/google/common/primitives/IntsMethodsForWeb.java

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

```

Found in path(s):

```

* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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```

* /guava-31-1-jre-sources-jar/com/google/common/base/PatternCompiler.java
* /guava-31-1-jre-sources-jar/com/google/common/base/JdkPattern.java
* /guava-31-1-jre-sources-jar/com/google/common/base/CommonMatcher.java
* /guava-31-1-jre-sources-jar/com/google/common/base/CommonPattern.java
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- */

Found in path(s):

- * /guava-31-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableMap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/BaseImmutableMultimap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/IndexedImmutableSet.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableBiMap.java

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Found in path(s):

- * /guava-31-1-jre-sources-jar/com/google/common/hash/Fingerprint2011.java

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 */
```

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- * /guava-31-1-jre-sources-jar/com/google/common/graph/Traverser.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/BaseGraph.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ClosingFuture.java
- * /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractBaseGraph.java

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

Found in path(s):

`/guava-31-1-jre-sources-jar/com/google/common/primitives/ShortsMethodsForWeb.java`

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`/guava-31-1-jre-sources-jar/com/google/common/hash/MacHashFunction.java`
`/guava-31-1-jre-sources-jar/com/google/common/collect/ConsumingQueueIterator.java`
`/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/CombinedFuture.java`
`/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AggregateFutureState.java`
`/guava-31-1-jre-sources-jar/com/google/common/hash/LittleEndianByteArray.java`
`/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/InterruptibleTask.java`

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AsyncCallable.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Platform.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/FarmHashFingerprint64.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ReaderInputStream.java

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* /guava-31-1-jre-sources-jar/com/google/common/collect/GeneralRange.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/SortedIterables.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractRangeSet.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/Count.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/SortedIterable.java

*

/* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSortedMultiset.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMultiset.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableSortedMultiset.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/RangeSet.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java

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* /guava-31-1-jre-sources-jar/com/google/common/collect/FluentIterable.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Longs.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Chars.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Converter.java
* /guava-31-1-jre-sources-jar/com/google/common/net/PercentEscaper.java
*
/guava-31-1-jre-sources-jar/com/google/common/primitives/Bytes.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/UnicodeEscaper.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Stopwatch.java
* /guava-31-1-jre-sources-jar/com/google/common/io/MultiReader.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/Escaper.java
* /guava-31-1-jre-sources-jar/com/google/common/io/FileBackedOutputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/base/CharMatcher.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Floats.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Ints.java
* /guava-31-1-jre-sources-jar/com/google/common/net/InetAddresses.java
* /guava-31-1-jre-sources-jar/com/google/common/base/internal/Finalizer.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Shorts.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Booleans.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListenableFutureTask.java
*
/guava-31-1-jre-sources-jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Doubles.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SequentialExecutor.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Joiner.java

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/*

* This method was rewritten in Java from an intermediate step of the Murmur hash function in
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* /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeToken.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AggregateFuture.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java

*

/guava-31-1-jre-sources-jar/com/google/common/escape/CharEscaperBuilder.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Futures.java

* /guava-31-1-jre-sources-jar/com/google/common/base/CaseFormat.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/TimeoutFuture.java

* /guava-31-1-jre-sources-jar/com/google/common/io/AppendableWriter.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractTransformFuture.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/TimeLimiter.java

* /guava-31-1-jre-sources-jar/com/google/common/annotations/VisibleForTesting.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/CollectionFuture.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FuturesGetChecked.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java

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/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java

* /guava-31-1-jre-sources-jar/com/google/common/escape/CharEscaper.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FluentFuture.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ImmediateFuture.java

* /guava-31-1-jre-sources-jar/com/google/common/io/PatternFilenameFilter.java

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* /guava-31-1-jre-sources-jar/com/google/common/eventbus/Subscribe.java

* /guava-31-1-jre-sources-jar/com/google/common/io/ByteStreams.java

* /guava-31-1-jre-sources-jar/com/google/common/base/Predicates.java

*

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/guava-31-1-jre-sources-jar/com/google/common/eventbus/AsyncEventBus.java
* /guava-31-1-jre-sources-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Supplier.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Preconditions.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Charsets.java
* /guava-31-1-jre-sources-jar/com/google/common/io/LineBuffer.java
* /guava-31-1-jre-sources-jar/com/google/common/io/MultiInputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Functions.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizablePhantomReference.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Flushables.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizableReference.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/DirectExecutor.java
* /guava-31-1-jre-sources-jar/com/google/common/io/LineReader.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractFuture.java
*
/guava-31-1-jre-sources-jar/com/google/common/collect/EnumMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/HashBiMap.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Objects.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Throwables.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CharStreams.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CountingOutputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Interners.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Predicate.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Closeables.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Resources.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizableSoftReference.java
*
/guava-31-1-jre-sources-jar/com/google/common/io/LittleEndianDataInputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizableWeakReference.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizableReferenceQueue.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Suppliers.java
* /guava-31-1-jre-sources-jar/com/google/common/base/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/DeadEvent.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionList.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListenableFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Files.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/EventBus.java
* /guava-31-1-jre-sources-jar/com/google/common/io/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CountingInputStream.java
*
/guava-31-1-jre-sources-jar/com/google/common/base/Defaults.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Primitives.java
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* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListeningExecutorService.java

* /guava-31-1-jre-sources-jar/com/google/common/primitives/package-info.java

* /guava-31-1-jre-sources-jar/com/google/common/net/package-info.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/SortedLists.java

*

/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandler.java

* /guava-31-1-jre-sources-jar/com/google/common/base/Strings.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java

* /guava-31-1-jre-sources-jar/com/google/common/annotations/package-info.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ContiguousSet.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Atomics.java

* /guava-31-1-jre-sources-jar/com/google/common/annotations/Beta.java

* /guava-31-1-jre-sources-jar/com/google/common/base/Equivalence.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Monitor.java

* /guava-31-1-jre-sources-jar/com/google/common/base/Ascii.java

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- * /guava-31-1-jre-sources-jar/com/google/common/collect/FilteredMultimapValues.java
- * /guava-31-1-jre-sources-jar/com/google/common/io/CharSequenceReader.java
- * /guava-31-1-jre-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
- * /guava-31-1-jre-sources-jar/com/google/common/hash/HashingInputStream.java
- *
- /guava-31-1-jre-sources-jar/com/google/common/base/Utf8.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
- * /guava-31-1-jre-sources-jar/com/google/common/base/Verify.java
- * /guava-31-1-jre-sources-jar/com/google/common/base/VerifyException.java
- * /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeVisitor.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractTable.java
- * /guava-31-1-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java
- * /guava-31-1-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Runnables.java

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- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/NullnessCasts.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/NullnessCasts.java
- * /guava-31-1-jre-sources-jar/com/google/common/base/NullnessCasts.java

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/**

* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
* version.

*/

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* /guava-31-1-jre-sources-jar/com/google/common/base/ExtraObjectsMethodsForWeb.java

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- * /guava-31-1-jre-sources-jar/com/google/common/primitives/Platform.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Internal.java

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- * /guava-31-1-jre-sources-jar/com/google/common/base/StandardSystemProperty.java
- * /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/RateLimiter.java
- * /guava-31-1-jre-sources-jar/com/google/common/reflect/Invokable.java
- * /guava-31-1-jre-sources-jar/com/google/common/reflect/AbstractInvocationHandler.java

*

/guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableRangeMap.java

* /guava-31-1-jre-sources-jar/com/google/common/reflect/Parameter.java

* /guava-31-1-jre-sources-jar/com/google/common/io/ByteSink.java

* /guava-31-1-jre-sources-jar/com/google/common/math/Stats.java

* /guava-31-1-jre-sources-jar/com/google/common/reflect/package-info.java

* /guava-31-1-jre-sources-jar/com/google/common/hash/LongAddables.java

* /guava-31-1-jre-sources-jar/com/google/common/cache/LongAddables.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/CartesianList.java

* /guava-31-1-jre-sources-jar/com/google/common/io/CharSink.java

* /guava-31-1-jre-sources-jar/com/google/common/reflect/ClassPath.java

* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableRangeSet.java

* /guava-31-1-jre-sources-jar/com/google/common/io/BaseEncoding.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java

* /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractByteHasher.java

*

/guava-31-1-jre-sources-jar/com/google/common/io/Closer.java

* /guava-31-1-jre-sources-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java

* /guava-31-1-jre-sources-jar/com/google/common/math/StatsAccumulator.java

* /guava-31-1-jre-sources-jar/com/google/common/math/PairedStats.java

* /guava-31-1-jre-sources-jar/com/google/common/hash/SipHashFunction.java

* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ServiceManager.java

* /guava-31-1-jre-sources-jar/com/google/common/hash/ChecksumHashFunction.java

```
* /guava-31-1-jre-sources-jar/com/google/common/io/ByteSource.java
* /guava-31-1-jre-sources-jar/com/google/common/html/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeCapture.java
* /guava-31-1-jre-sources-jar/com/google/common/xml/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/package-info.java
*
```

```
/guava-31-1-jre-sources-jar/com/google/common/collect/FilteredKeyMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/LongAddable.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/LongAddable.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeToInstanceMap.java
* /guava-31-1-jre-sources-jar/com/google/common/math/PairedStatsAccumulator.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CharSource.java
* /guava-31-1-jre-sources-jar/com/google/common/io/FileWriteMode.java
* /guava-31-1-jre-sources-jar/com/google/common/math/LinearTransformation.java
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```
* /guava-31-1-jre-sources-jar/com/google/common/primitives/ImmutableDoubleArray.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingCondition.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/ImmutableLongArray.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingLock.java
*
```

```
/guava-31-1-jre-sources-jar/com/google/common/hash/AbstractHashFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/ImmutableIntArray.java
```

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- * /guava-31-1-jre-sources-jar/com/google/common/collect/RowSortedTable.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSortedSetMultimap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSetMultimap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/MinMaxPriorityQueue.java
- *
- /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractSequentialIterator.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/UnmodifiableListIterator.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingListMultimap.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/SortedMapDifference.java
- * /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableCollection.java

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/*
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 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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 */
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1.105 error_prone_annotations 2.11.0

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* /error-prone-annotations-2-11-0-1-jar/META-
INF/maven/com.google.errorprone/error_prone_annotations/pom.xml

1.106 libx11 1.6.8-5.el8

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1.108 cairo 1.15.12-6.el8

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1.111 kmod 25-19.el8

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1.113 libseccomp 2.5.2-1.el8

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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

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, 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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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based

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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 Library.

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

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or

linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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

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

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

Otherwise, if the work is a derivative of the Library, you may distribute

the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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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.

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.)

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1.116 python-pip 9.0.3-22.el8

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1.117 libdevmapper 1.02.181

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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,

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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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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

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

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis 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 a program 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.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

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

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

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

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

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

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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

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

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

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

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

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

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

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

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

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

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

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

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must

be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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

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the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

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

It is not the purpose of this section to induce you to infringe any
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such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system which is
implemented by public license practices. Many people have made
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it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
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This section is intended to make thoroughly clear what is believed to
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12. If the distribution and/or use of the Library is restricted in
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an explicit geographical distribution limitation excluding those countries,
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but may differ in detail to address new problems or concerns.

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14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year>

<name of author>

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

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

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

Here is a sample; alter the names:

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

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

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Version 3, 29 June 2007

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Preamble

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

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

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

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

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

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

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

ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

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

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

TERMS AND CONDITIONS

0. Definitions.

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

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

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

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

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

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

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

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

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

1. Source Code.

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

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

The

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

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

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

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

same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered

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

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

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

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

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

4. Conveying Verbatim Copies.

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

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

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

5. Conveying Modified Source Versions.

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

- a) The work must carry prominent notices stating that you modified
it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is
released under this License and any conditions added under section
7. This requirement modifies the requirement in section
4 to
"keep intact all notices".
- c) You must license the entire work, as a whole, under this
License to anyone who comes into possession of a copy. This
License will therefore apply, along with any applicable section 7
additional terms, to the whole of the work, and all its parts,
regardless of how they are packaged. This License gives no
permission to license the work in any other way, but it does not
invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display
Appropriate Legal Notices; however, if the Program has interactive
interfaces that do not display Appropriate Legal Notices, your
work need not make them do so.

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

parts of the aggregate.

6. Conveying Non-Source Forms.

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

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
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Any executables

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<<https://www.gnu.org/philosophy/why-not-lgpl.html>>.

1.122 gpgme 1.13.1-11.el8

1.122.1 Available under license :

```
#+TITLE: GPGME Python Bindings HOWTO Examples
#+LATEX_COMPILER: xelatex
#+LATEX_CLASS: article
#+LATEX_CLASS_OPTIONS: [12pt]
#+LATEX_HEADER: \usepackage{xltextra}
#+LATEX_HEADER: \usepackage[margin=1in]{geometry}
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}
```

* Examples

:PROPERTIES:

:CUSTOM_ID: gpgme-python3-examples

:END:

The contents of this directory are the examples included in the /GNU Privacy Guard (GnuPG) Made Easy Python Bindings HOWTO/ file. Each script is explicitly for Python 3 and specifically for Python 3.4 or later.

Some of these scripts may work with Python 2.7, but there are no guarantees. They will include the relevant imports from the

=__future__= module to facilitate that if possible.

* Copyright and Licensing

:PROPERTIES:

:CUSTOM_ID: copyright-and-license

:END:

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** Copyright (C) The GnuPG Project, 2018

:PROPERTIES:

:CUSTOM_ID: copyright

:END:

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** License GPL compatible

:PROPERTIES:

:CUSTOM_ID: license

:END:

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PURPOSE.

```
(21:protected-private-key(3:dsa(1:p129:_d8|po3s@!WGUOAXRC$_[8SN:y|o?2[.pVxn(kOc\Bk0zu&FnK)(1:q21:
vBeOP\P)(1:g129:fU/e(2hp@hjc2uE=Sg GO;ZkIyFnGM!GsG@
= _SZklI)(1:y128:K:9tA]4SU1 }sG`nZpx/imV^>A;V%?5!!sS{!=-6@|
=d
)(9:protected25:openpgp-s2k3-sha1-aes-cbc((4:sha18:Li7:6452224)16:,kO{, )80:z7OCG/sB48(H9%*ojSO
OGSma`YUs1h<_)(12:protected-at15:20130812T105134)))
cython
;;; gpgme-package.lisp
```

;;; Copyright (C) 2006 g10 Code GmbH

;;;

```

;;; This file is part of GPGME-CL.
;;;
;;; GPGME-CL is free software; you can redistribute it and/or modify
;;; it under the terms of the GNU General Public License as published
;;; by the Free Software Foundation; either version 2 of the License,
;;; or (at your option) any later version.
;;;
;;; GPGME-CL is distributed in the hope that it will be useful, but
;;; WITHOUT ANY WARRANTY; without even the implied warranty of
;;; MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
;;; Lesser General Public License for more details.
;;;
;;; You should have received a copy of the GNU General Public License
;;; along with GPGME; if not, write to the Free Software Foundation,
;;; Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

```

```

;;; Conventions:
;;;
;;; gpg-error is used for error handling.
;;;
;;; Standard I/O streams are used for input and output.

```

```

(defpackage #:gpgme
  (:use #:common-lisp #:cffi #:gpg-error)
  (:import-from #:trivial-garbage
    #:finalize)
  (:export #:check-version
    #:*version*
    #:context
    #:protocol
    #:armorp
    #:textmodep
    #:+include-certs-default+
    #:include-certs
    #:keylist-mode
    #:signers
    #:sig-notations
    #:with-context
    #:key-data
    #:get-key
    #:op-encrypt
    #:op-decrypt
    #:op-sign
    #:op-verify
    #:op-import
    #:op-export))
\input texinfo @c -*- texinfo -*-
@c %**start of header

```

@setfilename index.info
@settitle GNU Privacy Guard (GnuPG) Made Easy Python Bindings
@documentencoding utf-8
@documentlanguage en
@c %**end of header

@finalout
@titlepage
@title GNU Privacy Guard (GnuPG) Made Easy Python Bindings
@author Ben McGinnes
@end titlepage

@contents

@ifnottex
@node Top
@top GNU Privacy Guard (GnuPG) Made Easy Python Bindings
@end ifnottex

@menu
* GPGME Python Bindings::

@detailmenu
--- The Detailed Node Listing ---

GPGME Python Bindings

* Contents::

@end detailmenu
@end menu

@node GPGME Python Bindings
@chapter GPGME Python Bindings

@menu
* Contents::
@end menu

@node Contents
@section Contents

@itemize
@item
@uref{short-history, A short history of the project}
@item
@uref{what-is-new, What's New}
@itemize

@item
@uref{maintenance-mode, Maintenance Mode} (from January, 2019)
@end itemize
@item
@uref{what-was-new, What Was New}
@item
@uref{gpgme-python-howto, GPGME Python Bindings HOWTO}
@end
itemize

@bye
2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist". See doc/HACKING for details.

2011-05-12 Marcus Brinkmann <marcus@g10code.com>

- * gpgme.texi (I/O Callback Example): Fix example code.
- * gpgme.texi (Generating Keys): Fix OpenPGP parameters and reference GPG and GPGSM manual.

2010-01-05 Werner Koch <wk@g10code.com>

- * gpgme.texi (Changing Passphrases): New.

2009-07-21 Werner Koch <wk@g10code.com>

- * uiserver.texi (UI Server Encrypt): Add --expect-sign option to PREP_ENCRYPT.

2009-06-16 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Result Management): New section.

2009-06-16 Werner Koch <wk@g10code.com>

- * gpgme.texi (Exporting Keys): Document gpgme_op_export_keys.
(Importing Keys): Document gpgme_op_import_keys.
(Data Buffer Meta-Data): Document URL encodings.

2009-05-28

Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Library Version Check): Document selftest error.

(Creating Contexts): Likewise.

2009-05-18 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Document
GPGME_ENCRYPT_NO_ENCRYPT_TO.

2009-05-05 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Engine Information): Replace path by file_name.

2008-11-28 Werner Koch <wk@g10code.com>

* gpgme.texi (Listing Keys): Change description of the return
value to match the code. Spotted by Colin Leroy.

2008-10-15 Werner Koch <wk@g10code.com>

* uiserver.texi (Miscellaneous UI Server Commands): Add option
--protocol to the SENDER command.

2008-07-17 Werner Koch <wk@g10code.com>

* module-overview.sk: New.

2008-07-04 Werner Koch <wk@g10code.com>

* gpgme.texi (Algorithms): Add a hint on symmetric only encryption.

2008-06-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Cancellation): Document gpgme_cancel_async.

2008-06-25

Werner Koch <wk@g10code.com>

* gpgme.texi (Listing Keys): Updated example to the current API.
Noted by Nico Schottelius.

2008-06-05 Werner Koch <wk@g10code.com>

* uiserver.texi (Miscellaneous UI Server Commands): Describe
START_CONFDIALOG.

2008-06-04 Werner Koch <wk@g10code.com>

* gpgme.texi: Use @copying command. Change license to
GPLv3. Include protocol specs from GpgOL and GPGEEx. Minor

cleanups.

2008-03-11 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (File Based Data Buffers): Document the need for blocking operations.

(Callback Based Data Buffers): Likewise.

2008-03-05 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Library Version Check): Rename snippet function to init_gpgme.

(I/O Callback Example): Call it here.

2008-01-28 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Document that data encoding affects some output data objects now.

2007-09-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Protocols and Engines):

Document GPGME_PROTOCOL_UNKNOWN.

2007-09-11 Werner Koch <wk@g10code.com>

* gpgme.texi (I/O Callback Example): Typo fix.

2007-08-07 Werner Koch <wk@g10code.com>

* gpgme.texi (Verify): Describe chain_model.

2007-07-12 Werner Koch <wk@g10code.com>

* gpgme.texi (Library Version Check): Add remark that the socket layer will get initialized.

2007-06-05 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Advanced Key Editing): New section.

2007-05-21 Werner Koch <wk@g10code.com>

* Makefile.am (online): New target.

2007-05-18 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Error Strings): Fix documentation of

gpgme_strerror_r.

2006-11-01 Moritz Schulte <moritz@g10code.com>

* gpgme.texi (Data Buffer I/O Operations): Fixed entry for
gpgme_data_seek: OFFSET is not a pointer; some s/whence/offset/.

2006-09-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Destroying Data Buffers): Clarify that
gpgme_data_release_and_get_mem destroys DH unconditionally.

2005-03-24

Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Library Version Check): Make example code compatible
to W32 systems.

2006-06-21 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase Callback): Fix inverted condition in
description.

2005-12-20 Werner Koch <wk@g10code.com>

* gpgme.texi (Verify): Document pka_trust.

2005-12-06 Werner Koch <wk@g10code.com>

* gpgme.texi (Key Management): Updated to match the fixes for
subkey fingerprints and theg secret flag.

2005-10-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Destroying Data Buffers): Document gpgme_free.

2005-10-02 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Add the new member notations of
gpgme_sig_key_t.
(Key Listing Mode): Document GPGME_KEYLIST_MODE_SIG_NOTATIONS.

2005-10-01 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Enclose all return parameters of dectypes in
curly brackets.

* gpgme.texi (Signature Notation Data): New

section.

(Verify): Added more about the notation data structure.

2005-09-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Data Buffer I/O Operations, Data Buffer Meta-Data):
New subsections.

* gpgme.texi: Replace plaintext_filename with file_name.

* gpgme.texi (Key Management): Document is_qualified.

2005-07-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Decrypt): Add plaintext_filename to
gpgme_decrypt_result_t.
(Verify): Likewise for gpgme_verify_result_t.

2005-06-03 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Add information about new fields in
gpgme_signature_t.

* gpgme.texi (Decrypt): Add gpgme_recipient_t.

2005-05-28 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Listing Mode): Fix return type of
gpgme_set_keylist_mode.
Reported by "Sergio" <ml_sergico@virgilio.it>.

2005-04-28 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Included Certificates): Document
GPGME_INCLUDE_CERTS_DEFAULT.

2005-01-12 Marcus
Brinkmann <marcus@g10code.de>

* gpgme.texi (Engine Configuration): New section.
(Crypto Engine): New subsection.

2004-12-07 Marcus Brinkmann <marcus@g10code.de>

* lesser.texi (Library Copying): Change from @appendixsec to
@appendix.

* gpgme.texi (Features): Change reference to GPL to one to LGPL.

- * Makefile.am: Change license to LGPL.
- (gpgme_TEXINFOS): Replace gpl.texi with lesser.texi.
- * gpgme.texi: Change license to LGPL (also for documentation of GPGME's license).
- * lesser.texi: New file.
- * gpl.texi: File removed.
- * gpgme.texi (Creating Contexts): Fix cut&paste error. Reported by Noel Torres <envite@rolamasao.org>.

2004-09-30 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (gpgme_TEXINFOS): Remove fdl.texi.
- * gpgme.texi: Do not include fdl.texi. Change license to GPL.
- * fdl.texi: File removed.

2004-09-29 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Key Management): Change type of keylist_mode in gpgme_key_t to gpgme_keylist_mode_t.

2004-09-28

Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Passphrase Callback): Fix last change.

2004-09-27 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Passphrase Callback): Document GPG_ERR_NOT_IMPLEMENTED.
- * gpgme.texi: Update copyright year for tex version.

2004-07-29 Moritz Schulte <moritz@g10code.com>

- * gpgme.texi (Verify): Fix gpgme_get_key example (ancient force_update argument was still there).

2004-06-08 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Listing Keys): Elaborate on the length restrictions on search patterns.
- * gpgme.texi (Decrypt and Verify): Document the NO_DATA error code.
- (Verify): Document the relationship between gpgme_op_verify_result and the decrypt and verify operations.

2004-05-21 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.text (Verify): Document GPG_ERR_CERT_REVOKED status.

- * gpgme.texi (Decrypt): Add note about new field wrong_key_usage of gpgme_decrypt_result_t.

- * gpgme.texi (Key Management): Add note about new field keylist_mode of gpgme_key_t.

2004-04-29 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Verify): Correct type of member wrong_key_usage.

2004-03-29 Moritz Schulte <moritz@duesseldorf.ccc.de>

- * gpgme.texi (Verify): Fix type of gpgme_op_verify_result.

- * gpgme.texi (Key Listing Mode): Typo fix.

2004-03-23 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Library Version Check): Fix the instruction when to set the locale.

2004-03-03 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (I/O Callback Example Qt): New section by Marc Mutz.

2004-02-24 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (cancellation): New section.

2004-02-17 Werner Koch <wk@gnupg.org>

- * gpgme.texi (Key Listing Mode): Doc KEYLIST_MODE_VALIDATE.

2004-02-06 Moritz Schulte <mo@g10code.com>

- * gpgme.texi: A couple of small fixes regarding the Largfile Support section.

2004-02-01 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Largefile Support): New section.

2004-01-13 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Fix exportable field.

2003-12-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Rename member class in
gpgme_key_sig_t to sig_class.
(Creating a Signature): Likewise for gpgme_signature_t.

2003-12-23 Moritz Schulte <mo@g10code.com>

* gpgme.texi (Listing Keys): Minor clarification for
gpgme_get_key.

2003-10-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Signal Handling): New section.

2003-09-14 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Correct documentation on memory
synchronization requirement.

* gpgme.texi (Locale): New section.
(Multi Threading): Set locale in example.

2003-09-13 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Error Strings): Add gpgme_strerror_r.

2003-09-13 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Update documentation.

2003-09-03 Marcus Brinkmann <marcus@g10code.de>

*
gpgme.texi (Header): We don't use the assuan namespace anymore.
Document new thread options.

2003-08-14 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Creating a Signature): Change type of member class
to unsigned int.

2003-08-04 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Get error code from SIG->status in the code for gpgme_get_sig_status.

2003-07-31 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Add can_authenticate flag.

* gpgme.texi (Listing Keys): Document GPG_ERR_AMBIGUOUS_NAME for gpgme_get_key.

2003-07-29 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (EXTRA_DIST): Remove variable.

* gpgme.texi (Encrypting a Plaintext): Bad passphrase is only possible with symmetric encryption, change the wording to reflect that.

* gpgme.texi (Creating a Signature): Document GPG_ERR_UNUSABLE_SECKEY.

* gpgme.texi (Encrypting a Plaintext): Mention encrypt and sign operations in result function.

(Creating a Signature): Likewise.

2003-07-23 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Listing Mode): Remove word duplication.

(Listing Keys): Remove mentioning of force argument.

(Verify): Don't mention r_stat. Fix some typos.

(Decrypt and Verify): Correct info how to get the result. Don't mention r_stat.

(Manipulating Data Buffers): Fix documentation of return value.

(Listing Keys): Update examples.

(Decrypt): Result might also be available when operation failed.

(Verify): Result might also be available when operation failed.

All spotted by Stphane Corthisy.

2003-07-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Error Sources): Fix cut and paste error.

2003-07-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Clarify difference between can_sign and can_certify.

(Information About Keys): Likewise for GPGME_ATTR_CAN_SIGN and

GPGME_ATTR_CAN_CERTIFY.

2003-07-08 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Progress
Meter Callback): Change return type of
gpgme_progress_cb_t to void.

2003-06-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Add 2003 to copyright notice.

* gpgme.texi (Header): Fix name space documentation on
libgpg-error.

2003-06-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Remove reference to
gpgme_recipients_t.

2003-06-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Crypto Operations): Rename gpgme_invalid_user_id_t
to gpgme_invalid_key_t.

2003-06-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Change error codes to GPG_ERR_* variants.
(Error Handling): Rewritten.

2003-05-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Exporting Keys): Change and document prototypes.
Add new gpgme_op_export_ext and gpgme_op_export_ext_start
variants.
(Selecting Recipients): Section removed.
(Encrypting a Plaintext): Change prototypes and document the
changes.

2003-05-28 Marcus Brinkmann <marcus@g10code.de>

*
gpgme.texi (Exporting Keys): Change argument type from
gpgme_recipient_t to gpgme_user_id_t.
(Encrypting a Plaintext): Likewise.
(Selecting Recipients): Rewritten.

2003-05-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Protocol Selection): Do not use @acronym in @node because that breaks texi2dvi.

* gpgme.texi (Passphrase Callback): Document new prototype.

2003-05-18 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Header): Remove Gpgme as namespace prefix. Add _GPGME to namespace prefix.

* gpgme.texi (Multi Threading): Add note about link order.

2003-05-04 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Listing Keys): Document what happens if key is not found.

* gpgme.texi (Importing Keys): Fix cut and paste error.

2003-04-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Remove reference to gpgme_get_op_info.

(Detailed Results): Subsection removed.

* gpgme.texi (Key Listing Mode): Add GPGME_KEYLIST_MODE_SIGS.

(Manipulating

Keys): Add obsolescence note.

(Key Signatures): Likewise.

(Information About Keys): Likewise.

(Key Management): Add new data types GpgmeSubkey, GpgmeKeySig, GpgmeUserID, and all the information about GpgmeKey.

2003-04-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Listing Keys): Remove force_update argument from gpgme_get_key.

* gpgme.texi (Trust Item Management): Add data members of GpgmeTrustItem type.

(Information About Trust Items): Add note about obsolescence.

(Manipulating Trust Items): Add gpgme_trust_item_ref and gpgme_trust_item_unref.

2003-04-28 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Rewritten to take into account new and deprecated functions and data types.

* gpgme.texi (Decrypt): Descript gpgme_op_decrypt_result and GpgmeDecryptResult.

2003-04-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Add info about GpgmeEncryptResult and gpgme_op_encrypt_result.

* gpgme.texi
(Creating a Signature): Add info about GpgmeNewSignature, GpgmeSignResult and gpgme_op_sign_result.
(Crypto Operations): Add GpgmeInvalidUserID.
(Algorithms): New chapter.

* gpgme.texi (Deleting Keys): Document GPGME_Ambiguous_Specification.
(Error Values): Remove GPGME_Invalid_Type and GPGME_Invalid_Mode.
Add GPGME_Unknown_Reason, GPGME_Not_Found,
GPGME_Ambiguous_Specification, GPGME_Wrong_Key_Usage,
GPGME_Key_Revoked, GPGME_Key_Expired, GPGME_No_CRL_Known,
GPGME_CRL_Too_Old, GPGME_Policy_Mismatch, GPGME_No_Secret_Key,
GPGME_Key_Not_Trusted, GPGME_Issuer_Missing, GPGME_Chain_Too_Long,
GPGME_Unsupported_Algorithm, GPGME_Sig_Expired,
GPGME_Bad_Signature, GPGME_No_Public_Key.

2003-04-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Importing Keys): Change GPGME_IMPORT_PRIVATE to GPGME_IMPORT_SECRET.

* gpgme.texi (Importing Keys): Remove note about gpgme_get_op_info.
(Detailed Results): Remove note about import.

* gpgme.texi (Importing Keys): Add documentation for
GpgmeImportStatus, GpgmeImportResult and gpgme_op_import_result.

* gpgme.texi (Generating Keys): Fix documentation of public and secret arguments.

2003-04-24 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Generating Keys): Document changed gpgme_op_genkey and new gpgme_op_genkey_result function. Document GpgmeGenKeyResult data type.

* gpgme.texi (Error Values): Rename GPGME_No_Passphrase to

GPGME_Bad_Passphrase.

* gpgme.texi (Decrypt): Likewise.

(Decrypt and Verify): Likewise.

(Creating a Signature): Likewise.

(Encrypting a Plaintext): Likewise.

* gpgme.texi (Error Values): Rename GPGME_No_Recipients to

GPGME_No_UserID and GPGME_Invalid_Recipient to

GPGME_Invalid_UserID.

(Encrypting a Plaintext): Likewise.

* gpgme.texi (Error Values): Remove GPGME_Busy and GPGME_No_Request.

(Listing Keys): Likewise.

(Listing Trust Items): Likewise.

2003-02-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Cancelling an Operation): Removed.

(Passphrase

Callback): Document new type for GpgmePassphraseCb.

2003-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Engine Information): Rename member part to
file_name.

* gpgme.texi (Protocols and Engines): Document
gpgme_get_protocol_name.

* gpgme.texi (Engine Information): Rewritten.

2003-01-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (I/O Callback Interface): Document new even

GPGME_EVENT_START.

(Waiting For Completion): Document new possible return values.

(I/O Callback Interface): Document return type of GpgmeIOCb.

2003-01-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Hooking Up Into Idle Time): Section removed.

2002-12-24 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Drop R_STAT argument in gpgme_op_verify.

* gpgme.texi (Decrypt and Verify): Likewise for
gpgme_op_decrypt_verify.

2002-12-23 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Information About Keys): Document that GPGME_ATTR_IS_SECRET is not representable as a string anymore.

2002-12-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Signatures): New section.
(Listing Keys): Add gpgme_get_key.

2002-12-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Memory Based Data Buffers): New subsection.
(File Based Data Buffers): Likewise.
(Callback Based Data Buffers): Likewise.
(Manipulating Data Buffers): Update interfaces. Add gpgme_data_seek.
* gpgme.texi (Engine Version Check): Remove gpgme_check_engine.

2002-11-21 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Document the new interface.

2002-11-19 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Generating Keys): Document new argument to gpgme_op_genkey.

2002-11-05 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Fix prototype of gpgme_get_sig_key.
Reported by Miguel Coca <e970095@zipi.fi.upm.es>.

2002-08-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Selecting Signers): Fix reference count.

2002-08-21

Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Header): Document name space.

2002-08-20 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Importing Keys): Document gpgme_op_import_ext.

* gpgme.texi (Importing Keys): Undocument EOF.

2002-08-14 Werner Koch <wk@gnupg.org>

* gpgme.texi (Information About Keys): Changed GPGME_ATTR_TYPE.

2002-07-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Deleting Keys): Say that secret keys might not be deleted.

2002-07-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Information About Keys): Document (badly) the new key attributes.

* gpgme.texi (Manipulating Data Buffers): Mention that backend tries to detect encoding automatically.

2002-07-03 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Run Control): Update this section.
(Waiting For Completion): Likewise for this subsection.
(Cancelling an Operation): Likewise for this subsection.
(Using External Event Loops): New subsection with several subsubsections.

2002-06-28

Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Remove item about the need to synchronize anything against gpgme_wait (except gpgme_wait itself).

2002-06-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Information About Keys): Fix documentation for IDX.
(Information About Trust Items): Likewise.

2002-06-26 Werner Koch <wk@gnupg.org>

* gpgme.texi (Importing Keys): Document the return value -1 of gpgme_op_import.

2002-06-20 Werner Koch <wk@gnupg.org>

* gpgme.texi (Verify): Explain the new whatidx variable.

2002-06-10 Werner Koch <wk@gnupg.org>

* gpgme.texi (Verify): Document attribute GPGME_ATTR_ERRTOK.

2002-06-04 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Document new autodetection.

2002-06-04 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (DISTCLEANFILES): New variable.

2002-05-26 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Some typographical corrections throughout.

2002-05-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Using Automake): New section.

2002-05-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Escape { and }.

2002-05-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Overview): Replace note about thread-safeness.
(Multi Threading): New section.

2002-05-03 Werner Koch <wk@gnupg.org>

* gpgme.texi (Manipulating Data Buffers): Changed some data types to void*.
(Protocol Selection): Added gpgme_get_protocol.
(Verify): Updated to include the new attribute functions and status codes.

2002-04-27 Werner Koch <wk@gnupg.org>

* gpgme.texi (Manipulating Data Buffers): New type GpgmeDataEncoding.

2002-04-23 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase Callback): Document that either return argument can be NULL.
(Progress Meter Callback): Likewise.

2002-04-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase Callback): Fix small typo. Document the new function gpgme_get_passphrase_cb. (Progress Meter Callback): Document the new function gpgme_get_progress_cb.

2002-04-16 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Creating a Signature): Fix function name. Reported by Wichert Ackerman <wichert@debian.org>.

2002-03-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (direntry): End index entry with a full stop. Patch submitted by Jose Carlos Garcia Sogo <jsogo@debian.org>.

2002-03-17 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Detailed Results): Fix syntax error in last change.

2002-03-08 Werner Koch <wk@gnupg.org>

* gpgme.texi (Detailed Results): Import does also return info.

2002-03-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Document symmetric encryption.

2002-03-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Error Strings): Add example.

* gpgme.texi (Listing Keys): Likewise.

2002-03-03 Marcus Brinkmann <marcus@g10code.de>

*

gpgme.texi (Information About Keys): Document GPGME_ATTR_EXPIRE.

2002-03-03 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Document verification of normal and cleartext signatures.

2002-02-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Listing Keys): Document gpgme_op_keylist_ext_start.

2002-02-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Document
GPGME_Invalid_Recipients.
(Error Values): Likewise.

2002-02-26 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Document
gpgme_op_encrypt_sign and gpgme_op_encrypt_sign_start.

2002-02-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Creating a Signature): Add a note about
certificates to include.
(Included Certificates): New section.

2002-02-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Detailed Results): Remove literal tags.
(Generating Keys): Update documentation.

* gpgme.texi (Generating Keys):
Fix syntax error.

2002-02-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Waiting For Completion): Adjust doc to changes in
the code.

2002-02-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Listing Mode): Update documentation.

2002-01-31 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Generating Keys): Document error at creation
failure.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Deleting Keys): Document new error values.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Importing Keys): Add reference to gpgme_get_op_info.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Some spell checking.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Add all the gpgme_op_*_start functions.
Fill the concept index with many, many entries.

2002-01-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Run Control): New section.
(Verify): Document gpgme_get_notation.
(More Information):
New section describing gpgme_get_op_info.

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase callback): Change GpgmePassphraseCb's
R_HD type from void* to void**.

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Creating data buffers): Change
gpgme_data_new_from_filepart's LENGTH type from off_t to size_t.

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Generating keys): New subsection.
(Exporting keys): Likewise.
(Importing keys): Likewise.
(Deleting keys): Likewise.

2002-01-16 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: g10Code -> g10 Code

* gpgme.texi (Top): Complete detailmenu.

* gpgme.texi: Convert embarrassing cruft to the real thing.

2002-01-16 Marcus Brinkmann <marcus@g10code.de>

* ChangeLog: New file.
* gpgme.texi: Likewise.
* gpl.texi: Likewise.
* fdl.texi: Likewise.
* Makefile.am (info_TEXINFOS): New variable.

(gpgme_TEXINFOS): Likewise.

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sha1-aes-cbc((4:sha18:JcE7:6452224)16: i[Q*vK)192:FJA!O!ZAF
biJ&Tsb!t
&9@R\~V+x>?sedDz-W(yqf?u^e?s1saV8<T0:tC5%ZMh?\$|,y_e[1D)(12:protected-at15:20130812T105135)))
(private-key
(oid.1.2.840.113549.1.1.1
(n
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40464baf79827e03a36e70b814938eebdc63e964247be75dc58b014b7ea251#)
(e #010001#)
(d
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9FC5FCC06A72F6D502464DABDED78EF6B716177B83D5BDC543DC5D3FED932E59F5897E92E6F58A0F334
24106A3B6FA2CBF877510E4AC21C3EE47851E97D12996222AC3566D4CCB0B83D164074ABF7DE655FC244
6DA1781#)
(p
#00e861b700e17e8afe6837e7512e35b6ca11d0ae47d8b85161c67baf64377213fe52d772f2035b3ca830af41d8a4120e
1c1c70d12cc22f00d28d31dd48a8d424f1#)
(q
#00f7a7ca5367c661f8e62df34f0d05c10c88e5492348dd7bddc942c9a8f369f935a07785d2db805215ed786e4285df16
58eed3ce84f469b81b50d358407b4ad361#)
(u
#304559a9ead56d2309d203811a641bb1a09626bc8eb36fffa23c968ec5bd891eebbafc73ae666e01ba7c8990bae06cc2
bbe10b75e69fcacb353a6473079d8e9b#)
)
)
libgpgme.vers - List of symbols to export.
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```

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```

```

#-----
# Please remember to add new functions also to gpgme.def
#-----

```

```

GPGME_1.1 {
global:
    gpgme_set_engine_info;

    gpgme_ctx_get_engine_info;
    gpgme_ctx_set_engine_info;

    gpgme_data_set_file_name;
    gpgme_data_get_file_name;
    gpgme_data_identify;

    gpgme_sig_notation_clear;
    gpgme_sig_notation_add;
    gpgme_sig_notation_get;

    gpgme_free;

    gpgme_op_getauditlog_start;
    gpgme_op_getauditlog;

    gpgme_conf_release;
    gpgme_conf_arg_new;
    gpgme_conf_arg_release;
    gpgme_conf_opt_change;
    gpgme_op_conf_load;
    gpgme_op_conf_save;
    gpgme_op_conf_dir;

    gpgme_cancel_async;

    gpgme_op_assuan_result;
    gpgme_op_assuan_transact;
    gpgme_op_assuan_transact_start;

```

gpgme_check_version_internal;

gpgme_io_read;
gpgme_io_write;

gpgme_result_ref;
gpgme_result_unref;

gpgme_op_import_keys;
gpgme_op_import_keys_start;
gpgme_op_export_keys;
gpgme_op_export_keys_start;

gpgme_op_assuan_transact_ext;

gpgme_wait_ext;

gpgme_op_vfs_mount_result;
gpgme_op_vfs_mount;
gpgme_op_vfs_create;

gpgme_key_from_uid;
gpgme_set_sub_protocol;
gpgme_get_sub_protocol;

gpgme_op_passwd_start;
gpgme_op_passwd;

gpgme_set_global_flag;

gpgme_io_writen;

gpgme_set_pinentry_mode;
gpgme_get_pinentry_mode;

gpgme_get_dirinfo;

gpgme_op_spawn_start;
gpgme_op_spawn;

gpgme_set_offline;
gpgme_get_offline;

gpgme_set_status_cb;
gpgme_get_status_cb;

gpgme_pubkey_algo_string;

```

gpgme_set_ctx_flag;
gpgme_get_ctx_flag;
gpgme_data_set_flag;

gpgme_op_createkey_start;
gpgme_op_createkey;
gpgme_op_createsubkey_start;
gpgme_op_createsubkey;
gpgme_op_adduid_start;
gpgme_op_adduid;
gpgme_op_revuid_start;
gpgme_op_revuid;
gpgme_op_keysign_start;
gpgme_op_keysign;
gpgme_op_tofu_policy_start;
gpgme_op_tofu_policy;
gpgme_op_interact_start;
gpgme_op_interact;

gpgme_addrspec_from_uid;

gpgme_set_sender;
gpgme_get_sender;

gpgme_op_query_swdb;
gpgme_op_query_swdb_result;

gpgme_op_set_uid_flag_start;
gpgme_op_set_uid_flag;

gpgme_op_decrypt_ext;
gpgme_op_decrypt_ext_start;

gpgme_data_new_from_estream;

};

```

```

GPGME_1.0 {
global:
gpgme_check_version;
gpgme_get_engine_info;
gpgme_engine_check_version;

gpgme_err_code_from_errno;
gpgme_err_code_to_errno;
gpgme_err_make_from_errno;
gpgme_error_from_errno;

```

gpgme_strerror;
gpgme_strerror_r;
gpgme_strsource;

gpgme_data_get_encoding;
gpgme_data_new;
gpgme_data_new_from_cbs;
gpgme_data_new_from_fd;
gpgme_data_new_from_file;
gpgme_data_new_from_filepart;
gpgme_data_new_from_mem;
gpgme_data_new_from_stream;
gpgme_data_read;
gpgme_data_release;
gpgme_data_release_and_get_mem;
gpgme_data_seek;
gpgme_data_set_encoding;
gpgme_data_write;

gpgme_get_protocol_name;
gpgme_hash_algo_name;
gpgme_pubkey_algo_name;

gpgme_new;
gpgme_get_armor;
gpgme_get_include_certs;
gpgme_get_io_cbs;
gpgme_get_keylist_mode;
gpgme_get_passphrase_cb;
gpgme_get_progress_cb;
gpgme_get_protocol;
gpgme_get_textmode;
gpgme_release;
gpgme_set_armor;
gpgme_set_include_certs;
gpgme_set_io_cbs;
gpgme_set_keylist_mode;
gpgme_set_locale;
gpgme_set_passphrase_cb;
gpgme_set_progress_cb;
gpgme_set_protocol;
gpgme_set_textmode;
gpgme_signers_add;
gpgme_signers_clear;
gpgme_signers_count;
gpgme_signers_enum;

gpgme_key_ref;

gpgme_key_unref;
gpgme_key_release;

gpgme_trust_item_ref;
gpgme_trust_item_unref;

gpgme_cancel;
gpgme_op_card_edit;
gpgme_op_card_edit_start;
gpgme_op_decrypt;
gpgme_op_decrypt_result;
gpgme_op_decrypt_start;
gpgme_op_decrypt_verify;
gpgme_op_decrypt_verify_start;
gpgme_op_delete;
gpgme_op_delete_start;
gpgme_op_delete_ext;
gpgme_op_delete_ext_start;
gpgme_op_edit;
gpgme_op_edit_start;
gpgme_op_encrypt;
gpgme_op_encrypt_start;
gpgme_op_encrypt_ext;
gpgme_op_encrypt_ext_start;
gpgme_op_encrypt_sign;
gpgme_op_encrypt_sign_ext;
gpgme_op_encrypt_sign_start;
gpgme_op_encrypt_sign_ext_start;
gpgme_op_encrypt_result;

gpgme_op_export;
gpgme_op_export_ext;
gpgme_op_export_ext_start;
gpgme_op_export_start;
gpgme_op_genkey;
gpgme_op_genkey_result;
gpgme_op_genkey_start;
gpgme_get_key;
gpgme_op_import;
gpgme_op_import_result;
gpgme_op_import_start;
gpgme_op_keylist_end;
gpgme_op_keylist_ext_start;
gpgme_op_keylist_from_data_start;
gpgme_op_keylist_next;
gpgme_op_keylist_result;
gpgme_op_keylist_start;
gpgme_op_sign;


```

gpgme_op_sign_result;
gpgme_op_sign_start;
gpgme_op_trustlist_end;
gpgme_op_trustlist_next;
gpgme_op_trustlist_start;
gpgme_op_verify;
gpgme_op_verify_result;
gpgme_op_verify_start;
gpgme_wait;

gpgme_data_new_with_read_cb;
gpgme_data_rewind;
gpgme_get_sig_status;
gpgme_get_sig_string_attr;
gpgme_get_sig_ulong_attr;
gpgme_get_sig_key;
gpgme_key_get_string_attr;
gpgme_key_get_ulong_attr;
gpgme_key_sig_get_string_attr;
gpgme_key_sig_get_ulong_attr;
gpgme_op_import_ext;
gpgme_trust_item_get_int_attr;
gpgme_trust_item_get_string_attr;
gpgme_trust_item_release;

gpgme_err_code_from_syserror;
gpgme_err_set_errno;

local:
    *;

};
;;; -*- Mode: lisp -*-

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;;;
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;;; the License, or (at your option) any later version.
;;;
;;; GPGME is distributed in the hope that it will be useful, but
;;; WITHOUT ANY WARRANTY; without even the implied warranty of
;;; MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
;;; Lesser General Public License for more details.
;;;

```

;;; You should have received a copy of the GNU Lesser General Public
;;; License along with GPGME; if not, write to the Free
;;; Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA
;;; 02111-1307, USA.

```
(defpackage #:gpgme-system  
  (:use #:common-lisp #:asdf))
```

```
(in-package #:gpgme-system)
```

```
(defsystem gpgme  
  :description "GnuPG Made Easy."  
  :author "g10 Code GmbH"  
  :version "1.13.1"  
  :licence "GPL"  
  :defsystem-depends-on ("cffi-grovel")  
  :depends-on ("cffi" "gpg-error" "trivial-garbage")  
  :components ((:file "gpgme-package")  
               (:cffi-grovel-file "gpgme-grovel"  
                                   :depends-on ("gpgme-package"))  
               (:file "gpgme")  
               :depends-on ("gpgme-package" "gpgme-grovel"))))
```

-----BEGIN PGP PRIVATE KEY BLOCK-----

lQOYBFrsKEkBCADKw4Wt8J6M/88qD8PO6lSMCxH1cpwH8iK0uPaFFYsJkkXo7kWf
PTAtrV+REqF/o80dvYcdLvRsV21pvncZz/HXLu1yQ18mC3XObrKokbdgrTTKA5XE
BZkNsqyaMMJauT18H4hYkSg62/tTdO1cu/zWv/LFf7Xyn6+uA74ovXCJlO1s0N2c
PSht98QRzPMf2owgVk37JnDNp4gGVDGHxSZOuUwXgYAZYN8SFc+c+3ZrQfY870
+O4j3Mz4p7yD13AwP4buQLBsb/ixekeQCqpRjLH9f7MdEcGXa1x36RcEkHdu+M
yJ392eMgD+dKNfRCtyTPhjZTxvbNELIBYICfABEBAAEAB/wLJ0gyMjs2ffT83wM
5Lzz2yQIwV4t3bblBAujdHTqeN5Zmsm/oakFyjSokULK96Kv0R4ej9eoIgMFvxFk
HRkrngxTrbsNJ7I6QcKYHTPeIij318ykNL6fj0WJUcdPIENukXl5jbqNyk3/4D2y
TTDySyq6jHTgvMH4K4KJUSpglvSJpntTk9RhuFGHAF+sNR9atygDYctAaERMrtSg
LCoSt/AoX5GRMIQjXT9oqQjwSQoZyF4s8HMC8wdTFIE/E0L4IVdHVP8sz2UzNtT
W/evmCA+KVruKjRH/Fhrq4hHkEamW28+j4L6uAyagONP7BONs+S5Oo2zTT9+tV2R
ILTZBADdgLuAgF6C5Lu9jCF6DfFgaT/uafMyQNkEGNlxOHMWHTgLHe475V2eG9gA
amd4yXKyEFKU1PWnvlGuicQSGdzVcwmq61msvXgYD0FK3LP3yWzKnE4X1tzc9Vp
/uHJxKjewCuyt1f5in919v+T8TbUxBYKc0zX/qWtX+10cTx77QQA6leqhToJ95Yc
u4UBrKMEO+y2v8Svb3LG7yI5oY8tkw0EkJ/kpZ8xTAFZYCe6fXdvVE3PHg2lrxyc
Wv/EU3QY/qA3G82mbXYeJ2jNZaTNYo4MylMrt4Mx25x4ke7JlsE8SVrQ+4CrHkqp
OjSIa7fppLrQ78uW980AtN8NNQGrlTsD/A9aoA60IgxY1Q3K2uSyDCyjLknv57ym
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NrqeBc2I/js1PMK0EHRlc3RAZXhhbXBsZS5vcmeJAVQEEwEIAD4WIQTUFzW5Ejb9
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ZXPltT0a6uacIHq6DyQ5iMW4YQWbVY9OR2rNgkYo1JCBR0XdRJYCSX3yB4TWv/eX

nZ37/WjmiTOIZh35rjs+NuU/S5JPDfAp2/k70DevQeBsv+UjVXjWpNTZmPbvDnd9
95uSmC6UY4hzyP84ORYMYn9n1QAR0goxDN6UunOf9Rlp1oMzdxMool/d1MlCxcg2h
3jheuhv7lgUF4KpvhOuEPXQ7UO417E0TYcDZ1J8Nsv87SZeEnQOYBFrsKEkBCADj
oEBHg/QPqZHg8VyoD1xYRAWGxyDJKX/GrSs6yE+x2hk5FoQCajxKa/d4AVxOnJpd
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bjYctFYUSG5pbmMQyNLySzziNkFa4DajODlt3RuqVGP316Fk+Sy2+60tC/HlX8jg
MyMONfOGBQx6jk8tvAphS/LAqrrNepnagIyLUGKU+L8cB2g1PGGp2biBFWqZbudZ
oyRBet/0yH/zirBdQJw1ABEBAAEAB/4lN3gXOI4OuoOcsvHak4pebx61Mt0YP9cT
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pMKnKXmExi05b5uGHD8nU1rSbf/YkvAF0vpbx4/RDxbbtQhbUwGzusSI+pBLM0w
5TreEB+vRBC2gOvXXOtKLNEa7M9rH2EwbAkP3jOGGwgk6adxbQdBcRqx4merqhL
YrVz73bCj8TDc0fsNjYlaZZJ++ejfBFYavsF1pvx9z7FNFi8rSXoiB3SBtaWGfhr
bwNaMZrDc7TRIq/fGgaL6g/bzcWrr1YaHXZ10Bgx6UymDOIYkCpBADm0Hv46sPw
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X3lnXRNmhnB3Uewx4i00LQmjsxhJfQiGLpMv0j58tn64s7GqQzGVV1JKcQm992RV
jFOydyjZ+K4LGWEOITG/bZrMEVNGCM+OnQQA/Haz8xN0NFSlq7tyfFc0pkx/TiCX
xGfBqbO0wU2b5GMnZbY/06HENpidIzpa231VQaw5/nPTvfhlLKW1iGAkc148cX1q
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l5/1h3C5S0TuxHkEAL/3BGihkhNfv1Xx0rWu0/732usX/nE/A9C26hGu41FUf3fp
0ilonKpKZUEwWt5hWSEFCsrznNvekiO0rxvuu3RVegvzThPNU4Pf4JZtJpRVhvUQ
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Jq3e/4Iy0N5ip7PNYMCyakcAsxvsNCJKrSaDuYe/OAoTXRBtgRWE2uyT315em02L
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9Mmd7bM1+UyPgbPER0iWMeyctYsuOLEUyQKMscDT
=hkUm

-----END

PGP PRIVATE KEY BLOCK-----

#+TITLE: Stuff To Do

#+LATEX_COMPILER: xelatex

#+LATEX_CLASS: article

#+LATEX_CLASS_OPTIONS: [12pt]

#+LATEX_HEADER: \usepackage{xltextra}

#+LATEX_HEADER: \usepackage[margin=1in]{geometry}

#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Latin Modern Roman}

* Project Task List

:PROPERTIES:

:CUSTOM_ID: task-list

:END:

** DONE Documentation default format

CLOSED: [2018-02-15 Thu 21:29]

:PROPERTIES:

:CUSTOM_ID: todo-docs-default

:END:

Decide on a default file format for documentation. The two main contenders being Org Mode, the default for the GnuPG Project and reStructuredText, the default for Python projects. A third option of DITA XML was considered due to a number of beneficial features it provides.

The decision was made to use Org Mode in order to fully integrate with the rest of the GPGME and GnuPG documentation. It is possible to produce reST versions via Pandoc and DITA XML can be reached through converting to either Markdown or XHTML first.

**** TODO Documentation build systems**

:PROPERTIES:

:CUSTOM_ID: todo-docs-build-systems

:END:

Though Org Mode is being used for the default documentation format, it still needs to end up as usable by end users. So the Org Mode files are used to produce the "source" files used by the two main contenders for documenting the bindings: Texinfo and ReStructuredText/Docutils.

***** TODO Texinfo documentation**

:PROPERTIES:

:CUSTOM_ID: todo-docs-build-texinfo

:END:

Need to add all of Texinfo's ... special systems to make it do its things.

***** TODO ReStructuredText documentation**

:PROPERTIES:

:CUSTOM_ID: todo-docs-build-docutils

:END:

Need to run Sphinx's quick start, add it to the requirements and tweak the index page for the rst files to point to the HOWTO and other files.

It might just be easier to do all that in Org Mode and convert the lot, then the Sphinx bits can be automated.

** STARTED Documentation HOWTO

:PROPERTIES:

:CUSTOM_ID: todo-docs-howto

:END:

- State "STARTED" from "TODO" [2018-03-08 Thu 13:59] \\
Started yesterday.

Write a HOWTO style guide for the current Python bindings.

*** DONE Start python bindings HOWTO

CLOSED: [2018-03-07 Wed 18:14]

:PROPERTIES:

:CUSTOM_ID: howto-start

:END:

*** STARTED Include certain specific instructions in the HOWTO

:PROPERTIES:

:CUSTOM_ID: howto-requests

:END:

Note: moved the S/MIME bits out to their own section of the TODO list and may be served better by separate HOWTO documentation anyway.

- State "STARTED" from "TODO" [2018-03-09 Fri 15:27]

Some functions can be worked out from the handful of examples available, but many more can't and I've already begun receiving requests for certain functions to be explained.

**** DONE Standard scenarios

CLOSED: [2018-03-19 Mon 12:34]

:PROPERTIES:

:CUSTOM_ID: howto-the-basics

:END:

- State "DONE" from "STARTED"

[2018-03-19 Mon 12:34] \\
All four of those are done.

- State "STARTED" from "TODO" [2018-03-09 Fri 15:26] \\
Began with the example code, now to add the text.

What everyone expects: encryption, decryption, signing and verifying.

**** STARTED Key control

:PROPERTIES:

:CUSTOM_ID: howto-key-control

:END:

- State "STARTED" from "TODO" [2018-03-19 Mon 12:35] \\
Generating keys and subkeys are done, but revocation is still to be done.
Generating keys, adding subkeys, revoking subkeys (and keeping
the cert key), adding and revoking UIDs, signing/certifying keys.

**** DONE More key control

CLOSED: [2018-03-19 Mon 12:36]
:PROPERTIES:
:CUSTOM_ID: howto-key-selection
:END:

- State "DONE" from "TODO" [2018-03-19 Mon 12:36] \\
Key selection, searching, matching and counting is done.
Selecting keys to encrypt to or manipulate in other ways (e.g. as
with key
control or the basics).

** TODO Documentation SWIG

:PROPERTIES:
:CUSTOM_ID: todo-docs-swig
:END:

Write documentation for the complete SWIG bindings demonstrating
the correspondence with GPGME itself.

Note: it is likely that this will be more in the nature of
something to be used in conjunction with the existing GPGME
documentation which makes it easier for Python developers to use.

** TODO GUI examples

:PROPERTIES:
:CUSTOM_ID: todo-gui-examples
:END:

Create some examples of using Python bindings in a GUI application
to either match or be similar to the old GTK2 examples available
with PyME.

** TODO Replace SWIG

:PROPERTIES:
:CUSTOM_ID: todo-replace-swig
:END:

Selecting SWIG for this project in 2002 was understandable and effectively the only viable option. The options available now, however, are significantly improved and some of those would resolve a number of existing problems with using SWIG, particularly when running code on both POSIX compliant and Windows platforms.

The long term goal is to replace SWIG by reimplementing the Python bindings using a more suitable means of interfacing with the GPGME C source code.

*** TODO Replacement for SWIG

:PROPERTIES:
:CUSTOM_ID: todo-replace-swig-replacement
:END:

Decide on a replacement for SWIG. Currently CFFI is looking like the most viable candidate, but some additional testing and checks are yet to be completed.

** TODO API for an API

:PROPERTIES:
:CUSTOM_ID: todo-api-squared
:END:

A C API like GPGME is not what most modern developers think of when they hear the term API. Normally they think of something they can interact with like a RESTful web API. Though RESTful is unlikely given the nature of GPGME and the process of encryption, it may be possible to provide a more familiar interface which can be utilised by developers of other languages for which bindings are not available or for which it is too difficult to create proper bindings.

** TODO S/MIME

:PROPERTIES:
:CUSTOM_ID: s-mime
:END:

Eventually add some of this, but the OpenPGP details are far more important at the moment.

* Project Task Details

:PROPERTIES:
:CUSTOM_ID: detailed-tasks
:END:

**** Working examples**

:PROPERTIES:
:CUSTOM_ID: working-examples
:END:

The old GUI examples were unable to be retained since they depended on GTK2 and Python 2's integration with GTK2.

Current GPGME examples so far only include command line tools or basic Python code for use with either Python 2.7 or Python 3.4 and above.

Future GUI examples ought to utilise available GUI modules and libraries supported by Python 3. This may include Qt frameworks, Tkinter, GTK3 or something else entirely.

**** Documentation**

:PROPERTIES:
:CUSTOM_ID: documentation
:END:

The legacy documentation which no longer applies to the Python bindings has been removed.

Current and future documentation will adhere to the GnuPG standard of using Org Mode and not use the reStructuredText (reST) format more commonly associated with Python documentation. The reasons for this are that this project is best served as shipping with the rest of GPGME and the documentation ought to match that. There are also aspects of Org Mode's publishing features which are superior to the defaults of reST, including the capacity to generate fully validating strict XHTML output.

If reST files are required at a later point for future inclusion with other Python packages, then that format can be generated from the .org files with Pandoc before being leveraged by either Docutils, Sphinx or something else.

While there are some advanced typesetting features of reST which are not directly available to Org Mode, more often than not those features are best implemented with either HTML and CSS, with LaTeX to produce a PDF or

via a number of XML solutions. Both reST and
Org Mode have multiple paths by which to achieve all of these.

```
from __future__ import absolute_import
```

```
import cython
```

```
import gpg
```

```
c = gpg.Context()
```

```
seckey = c.keylist(pattern=None, secret=True)
```

```
pubkey = c.keylist(pattern=None, secret=False)
```

```
seclist = list(seckey)
```

```
secnum = len(seclist)
```

```
publist = list(pubkey)
```

```
pubnum = len(publist)
```

```
if cython.compiled is True:
```

```
    cc = "Powered by Cython compiled C code."
```

```
else:
```

```
    cc = "Powered by Python."
```

```
print("""
```

```
    Number of secret keys: {0}
```

```
    Number of public keys: {1}
```

```
{2}
```

```
""").format(secnum, pubnum, cc))
```

```
\input texinfo @c -*- texinfo -*-
```

```
@c %**start of header
```

```
@setfilename maintenance-mode.info
```

```
@settitle Maintenance Mode
```

```
@documentencoding utf-8
```

```
@documentlanguage en
```

```
@c %**end of header
```

```
@finalout
```

```
@titlepage
```

```
@title Maintenance Mode
```

```
@author Ben McGinnes
```

```
@end titlepage
```

```
@contents
```

```
@ifnottex
```

```
@node Top
```

```
@top Maintenance Mode
```

```
@end ifnottex
```

@menu

* Maintenance Mode from 2019::

@detailmenu

--- The Detailed Node Listing ---

Maintenance Mode from 2019

* Maintainer from 2019 onward::

* Using the Python Bindings from 2019 and beyond::

* Documentation formats::

Documentation formats

* Cautionary Notes regarding Sphinx and EPUB::

@end detailmenu

@end menu

@node Maintenance Mode from 2019

@chapter Maintenance Mode from 2019

@multitable {aaaaaaaaaaaaaa} {aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa}

@item Version:

@tab 0.0.1

@item GPGME Version:

@tab 1.13.0

@item Author:

@tab Ben McGinnes <ben@@gnupg.org>

@item Author GPG Key:

@tab DB4724E6FA4286C92B4E55C4321E4E2373590E5D

@item Language:

@tab Australian

English, British English

@item xml:lang:

@tab en-AU, en-GB, en

@end multitable

From the beginning of 2019 the Python bindings to GPGME will enter maintenance mode, meaning that new features will not be added and only bug fixes and security fixes will be made. This also means that documentation beyond that existing at the end of 2018 will not be developed further except to correct errors.

Though use of these bindings appears to have been quite well received, there has been no indication of what demand there is, if any for either financial backing of the current Python bindings development or

support contracts with g10code GmbH citing the necessity of including the bindings.

@menu

- * Maintainer from 2019 onward::
- * Using the Python Bindings from 2019 and beyond::
- * Documentation formats::

@end menu

@node Maintainer from 2019 onward

@section Maintainer from 2019 onward

How does this affect the position of GnuPG Python Bindings Maintainer?

Well, I will remain as maintainer of the bindings; but without funding for that position, the amount of time I will be able to dedicate solely to this task will be limited and reduced to volunteered time. As with all volunteered time and effort in free software projects, this will be subject to numerous external imperatives.

@node Using the Python Bindings from 2019 and beyond

@section Using the Python Bindings from 2019 and beyond

For most, if not all, Python developers using these bindings; they will continue to just work the same as they always have. Expansions of GPGME itself are usually handled by SWIG with the existing code and thus bindings are generated properly when the bindings are installed alongside GPGME and when the latter is built from source.

In the rare circumstances where that is not enough to address some new addition to GPGME, then that is a bug and thus subject to the maintenance mode provisions (i.e. it will be fixed following a bug report being raised and your humble author will need to remember where the timesheet template was filed, depending on how many years off such an event is).

All the GPGME functionality will continue to be accessible via the lower level, dynamically generated methods which match the GPGME C documentation. While the more intuitively Pythonic higher level layer already covers the vast majority of functionality people require with key generation, signatures, certifications (key signing), encryption, decryption, verification, validation, trust levels and so on.

Any wanted features lacking in the Python bindings are usually lacking because they are missing from GPGME itself (e.g. revoking keys via the API) and in such cases they are usually deliberately excluded. More

discussion of these issues can be found in the archives of the
@uref{https://lists.gnupg.org/mailman/listinfo/gnupg-devel, gnupg-devel mailing list}.

Any features existing in the dynamically generated layer for which
people want a specific, higher level function included to make it more
Pythonic
(e.g. to avoid needing to learn or memorise cryptographic
mode values or GnuPG status code numbers), would be a feature request
and @emph{not} a bug.

It is still worthwhile requesting it, but the addition of such a
feature would not be guaranteed and provided on a purely volunteer
basis. Expediting such a request would require funding that request.

Those with a commercial interest in expediting such a feature request
already know how to @uref{https://gnupg.org/cgi-bin/procdonate.cgi?mode=preset, expedite it} (use the message
field to state what
feature is being requested).

@node Documentation formats
@section Documentation formats

The documentation has been written in Org mode for GNU Emacs, with
both Texinfo and reStructuredText formats generated from that. The
Texinfo files are intended for use with the rest of the GnuPG
documentation; while the reStructuredText files are intended for use
with Docutils and Sphinx, as with other Python projects.

@menu
* Cautionary Notes
 regarding Sphinx and EPUB::
@end menu

@node Cautionary Notes regarding Sphinx and EPUB
@subsection Cautionary Notes regarding Sphinx and EPUB

Though Python's Docutils in conjunction with Sphinx is capable of
generating some very useful HTML sites, as proven by @uref{https://readthedocs.org/, Read the Docs} and
the @uref{https://docs.python.org/, Python documentation}, there are a number of output formats it does
not handle well. At the top of the list of things it manages to break
so atrociously as to be embarrassing is the @uref{http://idpf.org/epub, EPUB 3} format.

The automatically generated EPUB of the CPython documentation always
contains hundreds of validation errors and even the modest amount of
documentation here @uref{https://files.au.adversary.org.s3.amazonaws.com/crypto/gpgme-
python/rst/epub/GPGMEPythonBindings.epub, produced a file} with approximately thirty
validation errors. As the volume of documentation content increases,
so does the induced errors. Whereas Texinfo

doesn't produce EPUB
output at all, nor does Org-mode.

Should there ever be genuine demand for this format, lodge a
@uref{https://dev.gnupg.org/maniphest/task/edit/form/4/, feature
request} case marked for @uref{https://dev.gnupg.org/p/BenM/, my} attention. The means of generating such
files flawlessly is already available, but is not yet part of the
GnuPG build system. Nor is it integrated with a means of converting
Org mode input files to the relevant base format automatically, as can
already be done when converting Org to reStructuredText or Org to
Texinfo. As a certain amount of work would be required to get it
done, there would need to be clear demand for that work to be done.

@bye

-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQENBFsMHecBCACqdJgqa+CeNYwPCK+MpOwAV6uFVjDyO2LmOs6+XfDWRBU/Zjtz
8zdYnKsBljkWN4ujV5aiyA7MtEofszzyLEoKU1wiDSchMpw8qmEFDvl9g26MeAV
rTno9D5KodHvEIs8wnrqBs8ix0WLbh6J1Dtt8HQglbN+v3gaRQrgBFe6z2ZYpHHx
ZfOu3iFKlm2WE/NekRkvvFIo3ApGvRhGIYw6JMmugBlo7s5xosJK0I9dkPGIEtt
aF1RkcMj8sWG9vHAXcjlGgFfXSN9YLppydXpkuZGm4+gjLB2a3rbQCZVFnxCyG4O
ybjkP8Jw6Udm89bK2ucYFfjdrnYn/nJqRxeNABEBAAG0I1Rlc3QgTm9Qcm12S2V5
IDxub2JvZHIhZlZlXhhbXBsZS5vcmc+iQFOBBMBCAA4FiEE4Fmh4IZtMa4TEXCITZou
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U9F+qwf/SHj4uRnTWgyJ71FBxQDYCBq3jbi6e7hMkRPbJyJdnPIMAb2p0PJjBgjW
0pp4+kDPZans3UDHbma1u/SFI4/y6isJiK94Bk5xp5YliLGnUceTjgDFe6lBhfQ1
zVWZC/NF3tPgbziLxXQTNt34nS+9dbV/QFDLW0POcN7C0jR/hgkBjMEH2PezWhSj
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k2dPN3+Y0zCTNRgAHEI+yIQbM6pio6v2c+UCtT1QhW4xSI38/kcEG8QiM55r1TUy
FcWAY5n5t1nNztMxxse3LqEon3rKiLkBDQRbDB3nAQgAqfAjSjcngERTM+ZYOWn0
QF2v2FuEuMe8mhju7Met7SN2zGv1LnjhTNshEa9IABEfjZirE2Tqx4xCWDwDedK4
u1ToFvcnuAMnq2O47Sh+eTysf6WPFtPBWf6ctKY31hFXjgoyDBULBvl43XU/D9C
Mt7nsKDPYHVrrnge/qWPYVcb+cO0sSwNImMcwQSdTQ3VBq7MeNS9ZeBcXi+XCjhN
kjNum2AQqpkHHDQV7871yQ8RIILvZSSfkLb0/SNDU+bGaw2G3lcyKdIfZi2EWWZT
oCbH38l/+LV7nAEe4zFpHwW8X0Dkx2aLgxe6UszDH9L3eGhTLpJhOSiaanG+zZKm
+QARAQABiQE2BBgBCAAgFiEE4Fmh4IZtMa4TEXCITZouEzBBU9EFAlsmHecCGwwA
CgkQTZouEzBBU9H5TQgAolWvIsez/WW8N2tmZEnX0LOFNB+1S4L4X983njwNdoVI
w19pbj+8RIHF/H9kcPGi7jK96gvlykQn3uez/95D2AiRfW5KYdOouFisKgHpv8Ay
BrhclHv11yK+X/0iTD0scYaG7np5162xLkaxSO9hsz2fGv20RKaXCWkI69fWw0BR
XII5pZh2YFei2ZhH/tIMIw65h3w0gtgaZBBdpZTOOW4zvghyN+0MSObqkl1BvUJu
caDFI4d6ZTmP5SY+pZyktZ4bg/vMH5VFxdIKgbLx9uVeTvOupvbAW0TNulYGUBQE
nm+S0zr3W18t64e4sS3oHse8zCqo1iiImpba6F1Oaw==
=y6DD
-----END
PGP PUBLIC KEY BLOCK-----
00~0
*H
0k10 UDE10U
```

Dsseldorf10U

g10 Code GmbH10UAegypten Project10Utest cert 10

011203093638Z

021203093638Z0k10 UDE10U

Dsseldorf10U

g10 Code GmbH10UAegypten Project10Utest cert 100

*H

0l+Pu.\-ZT\$e'nE&h4<}BePm[%j-/-7PcHKi@FKy~npd\${}K~Q00U37Tq8_eK40U#037Tq8_eK4om0k10 UDE10U

Dsseldorf10U

g10 Code GmbH10UAegypten Project10Utest cert 10U00

*H

l8gD Z

wYL,M'j

pk2pf[L ;Rl}#h\$~O!9;3e\A'v&P^\$'Oc.-TS~A>:fQY<

;;; gpgme.lisp

;;; Copyright (C) 2006 g10 Code GmbH

;;;

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;;;

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;;; along with GPGME; if not, write to the Free Software Foundation,

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

;;; TODO

;;; Set up the library.

(in-package :gpgme)

(deftype byte-array ()

'(simple-array (unsigned-byte 8) (*)))

(deftype character-array ()

'(simple-array character (*)))

```

;;;
Debugging.

(defvar *debug* nil "If debugging output should be given or not.")

;;; Load the foreign library.

(define-foreign-library libgpgme
  (:unix "libgpgme.so")
  (t (:default "libgpgme")))

(use-foreign-library libgpgme)

;;; System dependencies.

; Access to ERRNO.
(defcfun ("strerror" c-strerror) :string
  (err :int))

(defun get-errno ()
  *errno*)

(defun set-errno (errno)
  (setf *errno* errno))

(define-condition system-error (error)
  ((errno :initarg :errno :reader system-error-errno))
  (:report (lambda (c stream)
    (format stream "System error: ~A: ~A"
      (system-error-errno c)
      (c-strerror (system-error-errno c)))))
  (:documentation "Signalled when an errno is encountered.))

; Needed to write passphrases.
(defcfun ("write" c-write) ssize-t
  (fd :int)
  (buffer :string) ; Actually :pointer, but we only need string.
  (size size-t))

(defun system-write (fd buffer size)
  (let ((res (c-write fd buffer size)))
    (when (< res 0) (error 'system-error
      :errno (get-errno)))
    res))

;;;
;;; C Interface Definitions

```

;;;

;;; Data Type Interface

;;; Some new data types used for easier translation.

;;; The number of include certs. Translates to NIL for default.

```
(defctype cert-int-t
  (:wrapper :int
   :from-c translate-cert-int-t-from-foreign
   :to-c translate-cert-int-t-to-foreign))
```

;;; A string that may be NIL to indicate a null pointer.

```
(defctype string-or-nil-t
  (:wrapper :string
   :to-c translate-string-or-nil-t-to-foreign))
```

;;; Some opaque data types used by GPGME.

```
(defctype gpgme-ctx-t
  (:wrapper :pointer
   :to-c translate-gpgme-ctx-t-to-foreign)
  "The GPGME context type.")
```

```
(defctype gpgme-data-t
  (:wrapper :pointer
   :to-c translate-gpgme-data-t-to-foreign)
  "The GPGME data object type.")
```

;;; Wrappers for the libgpg-error library.

```
(defctype gpgme-error-t
  (:wrapper gpg-error::gpg-error-t
   :from-c translate-gpgme-error-t-from-foreign
   :to-c translate-gpgme-error-t-to-foreign)
  "The
  GPGME error type.")
```

```
(defctype gpgme-error-no-signal-t
  (:wrapper gpg-error::gpg-error-t
   :from-c translate-gpgme-error-no-signal-t-from-foreign)
  "The GPGME error type (this version does not signal conditions in translation.)")
```

```
(defctype gpgme-err-code-t gpg-error::gpg-err-code-t
  "The GPGME error code type.")
```

```
(defctype gpgme-err-source-t gpg-error::gpg-err-source-t
  "The GPGME error source type.")
```



```

(defun gpgme-err-make (source code)
  "Construct an error value from an error code and source."
  (gpg-err-make source code))

(defun gpgme-error (code)
  "Construct an error value from an error code."
  (gpgme-err-make :gpg-err-source-gpgme code))

(defun gpgme-err-code (err)
  "Retrieve an error code from the error value ERR."
  (gpg-err-code err))

(defun gpgme-err-source (err)
  "Retrieve an error source from the error value ERR."
  (gpg-err-source err))

(defun gpgme-strerror (err)
  "Return a string containing a description of the error code."
  (gpg-strerror err))

(defun
  gpgme-strsource (err)
  "Return a string containing a description of the error source."
  (gpg-strsource err))

(defun gpgme-err-code-from-errno (err)
  "Retrieve the error code for the system error. If the system error
  is not mapped, :gpg-err-unknown-errno is returned."
  (gpg-err-code-from-errno err))

(defun gpgme-err-code-to-errno (code)
  "Retrieve the system error for the error code. If this is not a
  system error, 0 is returned."
  (gpg-err-code-to-errno code))

(defun gpgme-err-make-from-errno (source err)
  (gpg-err-make-from-errno source err))

(defun gpgme-error-from-errno (err)
  (gpg-error-from-errno err))

;;;

(defcenum gpgme-data-encoding-t
  "The possible encoding mode of gpgme-data-t objects."
  (:none 0)
  (:binary 1)

```

(:base64 2)
(:armor 3)
(:url 4)
(:urlesc 5)
(:url0 6)
(:mime 7))

;;;

(defcenum gpgme-pubkey-algo-t
"Public key algorithms from libgcrypt."
(:rsa 1)
(:rsa-e 2)
(:rsa-s 3)
(:elg-e 16)
(:dsa 17)
(:ecc 18)
(:elg 20)
(:ecdsa 301)
(:ecdh 302)
(:eddsa 303))

(defcenum gpgme-hash-algo-t
"Hash algorithms from libgcrypt."
(:none 0)
(:md5 1)
(:sha1 2)
(:rmd160 3)
(:md2 5)
(:tiger 6)
(:haval 7)
(:sha256 8)
(:sha384 9)
(:sha512 10)
(:sha224 11)
(:md4 301)
(:crc32 302)
(:crc32-rfc1510 303)
(:crc24-rfc2440 304))

;;;

(defcenum gpgme-sig-mode-t
"The available signature modes."
(:none 0)
(:detach 1)
(:clear 2))

;;;

(defcenum gpgme-validity-t

"The available validities for a trust item or key."

(:unknown 0)

(:undefined 1)

(:never 2)

(:marginal 3)

(:full 4)

(:ultimate 5))

;;;

(defcenum gpgme-protocol-t

"The available protocols."

(:openpgp 0)

(:cms 1)

(:gpgconf 2)

(:assuan 3)

(:g13 4)

(:uiserver 5)

(:spawn 6)

(:default 254)

(:unknown 255))

;;;

(defbitfield (gpgme-keylist-mode-t :unsigned-int)

"The available keylist mode flags."

(:local 1)

(:extern 2)

(:sigs 4)

(:sig-notations)

(:with-secret 16)

(:with-tofu 32)

(:ephemeral

128)

(:validate 256))

;;;

(defbitfield (gpgme-sig-notation-flags-t :unsigned-int)

"The available signature notation flags."

(:human-readable 1)

(:critical 2))

(defctype gpgme-sig-notation-t

(:wrapper :pointer

```
:from-c translate-gpgme-sig-notation-t-from-foreign)
"Signature notation pointer type.")
```

```
;; FIXME: Doesn't this depend on endianness?
```

```
(defbitfield (gpgme-sig-notation-bitfield :unsigned-int)
(:human-readable 1)
(:critical 2))
```

```
(defcstruct gpgme-sig-notation
"Signature notations."
(next gpgme-sig-notation-t)
(name :pointer)
(value :pointer)
(name-len :int)
(value-len :int)
(flags gpgme-sig-notation-flags-t)
(bitfield gpgme-sig-notation-bitfield))
```

```
;;;
```

```
(defcenum gpgme-status-code-t
"The possible status codes for the edit operation."
(:eof 0)
(:enter 1)
(:leave 2)
(:abort 3)
(:goodsig 4)
(:badsig 5)
(:errsig 6)
(:badarmor 7)
(:rsa-or-idea 8)
(:keyexpired 9)
(:keyrevoked 10)
(:trust-undefined 11)
(:trust-never
12)
(:trust-marginal 13)
(:trust-fully 14)
(:trust-ultimate 15)
(:shm-info 16)
(:shm-get 17)
(:shm-get-bool 18)
(:shm-get-hidden 19)
(:need-passphrase 20)
(:validsig 21)
(:sig-id 22)
(:enc-to 23)
(:nodata 24))
```

(:bad-passphrase 25)
(:no-pubkey 26)
(:no-seckey 27)
(:need-passphrase-sym 28)
(:decryption-failed 29)
(:decryption-okay 30)
(:missing-passphrase 31)
(:good-passphrase 32)
(:goodmdc 33)
(:badmdc 34)
(:errmdc 35)
(:imported 36)
(:import-ok 37)
(:import-problem 38)
(:import-res 39)
(:file-start 40)
(:file-done 41)
(:file-error 42)
(:begin-decryption 43)
(:end-decryption 44)
(:begin-encryption 45)
(:end-encryption 46)
(:delete-problem 47)
(:get-bool 48)
(:get-line 49)
(:get-hidden 50)
(:got-it 51)
(:progress 52)
(:sig-created 53)
(:session-key 54)
(:notation-name 55)
(:notation-data 56)
(:policy-url 57)
(:begin-stream 58)
(:end-stream 59)
(:key-created 60)
(:userid-hint 61)
(:unexpected
62)
(:inv-recp 63)
(:no-recp 64)
(:already-signed 65)
(:sigexpired 66)
(:expsig 67)
(:expkeysig 68)
(:truncated 69)
(:error 70)
(:newsig 71)

(:revkeysig 72)
(:sig-subpacket 73)
(:need-passphrase-pin 74)
(:sc-op-failure 75)
(:sc-op-success 76)
(:cardctrl 77)
(:backup-key-created 78)
(:pka-trust-bad 79)
(:pka-trust-good 80)
(:plaintext 81)
(:inv-sgnr 82)
(:no-sgnr 83)
(:success 84)
(:decryption-info 85)
(:plaintext-length 86)
(:mountpoint 87)
(:pinentry-launched 88)
(:attribute 89)
(:begin-signing 90)
(:key-not-created 91)
(:inquire-maxlen 92)
(:failure 93)
(:key-considered 94)
(:tofu-user 95)
(:tofu-stats 96)
(:tofu-stats-long 97)
(:notation-flags 98)
(:decryption-compliance-mode 99)
(:verification-compliance-mode 100))

;;;

(defctype gpgme-engine-info-t
 (:wrapper :pointer
 :from-c translate-gpgme-engine-info-t-to-foreign)
 "The engine information structure pointer type.")

(defcstruct gpgme-engine-info
 "Engine information."
 (next gpgme-engine-info-t)
 (protocol gpgme-protocol-t)
 (file-name :string)
 (version :string)
 (req-version :string)
 (home-dir :string))

;;;

```
(defctype gpgme-subkey-t
  (:wrapper :pointer
    :from-c translate-gpgme-subkey-t-from-foreign)
  "A subkey from a key.")
```

;; FIXME: Doesn't this depend on endianness?

```
(defbitfield (gpgme-subkey-bitfield :unsigned-int)
  "The subkey bitfield."
  (:revoked 1)
  (:expired 2)
  (:disabled 4)
  (:invalid 8)
  (:can-encrypt 16)
  (:can-sign 32)
  (:can-certify 64)
  (:secret 128)
  (:can-authenticate 256)
  (:is-qualified 512)
  (:is-cardkey 1024)
  (:is-de-vs 2048))
```

```
(defcstruct gpgme-subkey
  "Subkey from a key."
  (next gpgme-subkey-t)
  (bitfield gpgme-subkey-bitfield)
  (pubkey-algo gpgme-pubkey-algo-t)
  (length :unsigned-int)
  (keyid :string)
  (-keyid :char :count 17)
  (fpr :string)
  (timestamp :long)
  (expires :long))
```

```
(defctype gpgme-key-sig-t
  (:wrapper :pointer
    :from-c translate-gpgme-key-sig-t-from-foreign)
  "A signature on a user ID.")
```

;; FIXME: Doesn't this depend on endianness?

```
(defbitfield (gpgme-key-sig-bitfield :unsigned-int)
  "The key signature bitfield."
  (:revoked 1)
  (:expired 2)
  (:invalid 4)
  (:exportable 16))
```

```
(defcstruct gpgme-key-sig
```

```

"A signature on a user ID."
(next gpgme-key-sig-t)
(bitfield gpgme-key-sig-bitfield)
(pubkey-algo gpgme-pubkey-algo-t)
(keyid :string)
(-keyid :char :count 17)
(timestamp :long)
(expires :long)
(status gpgme-error-no-signal-t)
(-class :unsigned-int)
(uid :string)
(name :string)
(email :string)
(comment :string)
(sig-class :unsigned-int))

(defctype gpgme-user-id-t
  (:wrapper :pointer
   :from-c translate-gpgme-user-id-t-from-foreign)
  "A user ID from a key.")

;; FIXME: Doesn't this depend on endianness?
(defbitfield (gpgme-user-id-bitfield :unsigned-int)
  "The user ID bitfield."
  (:revoked 1)
  (:invalid 2))

(defcstruct gpgme-user-id
  "A user ID from a key."
  (next
   gpgme-user-id-t)
  (bitfield gpgme-user-id-bitfield)
  (validity gpgme-validity-t)
  (uid :string)
  (name :string)
  (email :string)
  (comment :string)
  (signatures gpgme-key-sig-t)
  (-last-keysig gpgme-key-sig-t))

(defctype gpgme-key-t
  (:wrapper :pointer
   :from-c translate-gpgme-key-t-from-foreign
   :to-c translate-gpgme-key-t-to-foreign)
  "A key from the keyring.")

```



```

;; FIXME: Doesn't this depend on endianness?
(defbitfield (gpgme-key-bitfield :unsigned-int)
  "The key bitfield."
  (:revoked 1)
  (:expired 2)
  (:disabled 4)
  (:invalid 8)
  (:can-encrypt 16)
  (:can-sign 32)
  (:can-certify 64)
  (:secret 128)
  (:can-authenticate 256)
  (:is-qualified 512))

(defcstruct gpgme-key
  "A signature on a user ID."
  (-refs :unsigned-int)
  (bitfield gpgme-key-bitfield)
  (protocol gpgme-protocol-t)
  (issuer-serial :string)
  (issuer-name :string)
  (chain-id :string)
  (owner-trust gpgme-validity-t)
  (subkeys gpgme-subkey-t)
  (uids gpgme-user-id-t)
  (-last-subkey gpgme-subkey-t)
  (-last-uid gpgme-user-id-t)
  (keylist-mode gpgme-keylist-mode-t))

;;;

;;; There is no support in CFFI to define callback C types and have
;;; automatic type checking with the callback definition.

(defctype gpgme-passphrase-cb-t :pointer)

(defctype gpgme-progress-cb-t :pointer)

(defctype gpgme-edit-cb-t :pointer)

;;;
;;; Function Interface
;;;

;;; Context management functions.

(defcfun ("gpgme_new" c-gpgme-new) gpgme-error-t

```

```

(ctx :pointer))

(defcfun ("gpgme_release" c-gpgme-release) :void
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_set_protocol" c-gpgme-set-protocol) gpgme-error-t
  (ctx gpgme-ctx-t)
  (proto gpgme-protocol-t))

(defcfun ("gpgme_get_protocol" c-gpgme-get-protocol) gpgme-protocol-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_get_protocol_name" c-gpgme-get-protocol-name) :string
  (proto gpgme-protocol-t))

(defcfun ("gpgme_set_armor" c-gpgme-set-armor) :void
  (ctx gpgme-ctx-t)
  (yes :boolean))

(defcfun ("gpgme_get_armor" c-gpgme-get-armor) :boolean
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_set_textmode" c-gpgme-set-textmode) :void
  (ctx gpgme-ctx-t)
  (yes :boolean))

(defcfun ("gpgme_get_textmode" c-gpgme-get-textmode) :boolean
  (ctx gpgme-ctx-t))

(defconstant +include-certs-default+ -256)

(defcfun ("gpgme_set_include_certs" c-gpgme-set-include-certs) :void
  (ctx gpgme-ctx-t)
  (nr-of-certs cert-int-t))

(defcfun ("gpgme_get_include_certs" c-gpgme-get-include-certs) cert-int-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_set_keylist_mode" c-gpgme-set-keylist-mode) gpgme-error-t
  (ctx gpgme-ctx-t)
  (mode gpgme-keylist-mode-t))

(defcfun ("gpgme_get_keylist_mode" c-gpgme-get-keylist-mode)
  gpgme-keylist-mode-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_set_passphrase_cb" c-gpgme-set-passphrase-cb) :void
  (ctx gpgme-ctx-t))

```

```

(cb gpgme-passphrase-cb-t)
(hook-value :pointer))

(defcfun ("gpgme_get_passphrase_cb" c-gpgme-get-passphrase-cb) :void
  (ctx gpgme-ctx-t)
  (cb-p :pointer)
  (hook-value-p :pointer))

(defcfun ("gpgme_set_progress_cb"
  c-gpgme-set-progress-cb) :void
  (ctx gpgme-ctx-t)
  (cb gpgme-progress-cb-t)
  (hook-value :pointer))

(defcfun ("gpgme_get_progress_cb" c-gpgme-get-progress-cb) :void
  (ctx gpgme-ctx-t)
  (cb-p :pointer)
  (hook-value-p :pointer))

(defcfun ("gpgme_set_locale" c-gpgme-set-locale) gpgme-error-t
  (ctx gpgme-ctx-t)
  (category :int)
  (value string-or-nil-t))

(defcfun ("gpgme_ctx_get_engine_info" c-gpgme-ctx-get-engine-info)
  gpgme-engine-info-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_ctx_set_engine_info" c-gpgme-ctx-set-engine-info)
  gpgme-error-t
  (ctx gpgme-ctx-t)
  (proto gpgme-protocol-t)
  (file-name string-or-nil-t)
  (home-dir string-or-nil-t))

;;;

(defcfun ("gpgme_pubkey_algo_name" c-gpgme-pubkey-algo-name) :string
  (algo gpgme-pubkey-algo-t))

(defcfun ("gpgme_hash_algo_name" c-gpgme-hash-algo-name) :string
  (algo gpgme-hash-algo-t))

;;;

(defcfun ("gpgme_signers_clear" c-gpgme-signers-clear) :void
  (ctx gpgme-ctx-t))

```

```

(defcfun ("gpgme_signers_add" c-gpgme-signers-add)
  gpgme-error-t
  (ctx gpgme-ctx-t)
  (key gpgme-key-t))

(defcfun ("gpgme_signers_enum" c-gpgme-signers-enum) gpgme-key-t
  (ctx gpgme-ctx-t)
  (seq :int))

;;;

(defcfun ("gpgme_sig_notation_clear" c-gpgme-sig-notation-clear) :void
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_sig_notation_add" c-gpgme-sig-notation-add) gpgme-error-t
  (ctx gpgme-ctx-t)
  (name :string)
  (value string-or-nil-t)
  (flags gpgme-sig-notation-flags-t))

(defcfun ("gpgme_sig_notation_get" c-gpgme-sig-notation-get)
  gpgme-sig-notation-t
  (ctx gpgme-ctx-t))

;;; Run Control.

;;; There is no support in CFFI to define callback C types and have
;;; automatic type checking with the callback definition.

(defctype gpgme-io-cb-t :pointer)

(defctype gpgme-register-io-cb-t :pointer)

(defctype gpgme-remove-io-cb-t :pointer)

(defcenum gpgme-event-io-t
  "The possible events on I/O event callbacks."
  (:start 0)
  (:done 1)
  (:next-key 2)
  (:next-trustitem 3))

(defctype gpgme-event-io-cb-t :pointer)

(defcstruct
  gpgme-io-cbs
  "I/O callbacks."
  (add gpgme-register-io-cb-t)

```

```

(add-priv :pointer)
(remove gpgme-remove-io-cb-t)
(event gpgme-event-io-cb-t)
(event-priv :pointer))

(defctype gpgme-io-cbs-t :pointer)

(defcfun ("gpgme_set_io_cbs" c-gpgme-set-io-cbs) :void
  (ctx gpgme-ctx-t)
  (io-cbs gpgme-io-cbs-t))

(defcfun ("gpgme_get_io_cbs" c-gpgme-get-io-cbs) :void
  (ctx gpgme-ctx-t)
  (io-cbs gpgme-io-cbs-t))

(defcfun ("gpgme_wait" c-gpgme-wait) gpgme-ctx-t
  (ctx gpgme-ctx-t)
  (status-p :pointer)
  (hang :int))

```

;;; Functions to handle data objects.

;;; There is no support in CFFI to define callback C types and have
 ;;; automatic type checking with the callback definition.

```

(defctype gpgme-data-read-cb-t :pointer)
(defctype gpgme-data-write-cb-t :pointer)
(defctype gpgme-data-seek-cb-t :pointer)
(defctype gpgme-data-release-cb-t :pointer)

(defcstruct gpgme-data-cbs
  "Data callbacks."
  (read gpgme-data-read-cb-t)
  (write gpgme-data-write-cb-t)
  (seek gpgme-data-seek-cb-t)
  (release gpgme-data-release-cb-t))

(defctype gpgme-data-cbs-t :pointer
  "Data callbacks pointer.")

(defcfun ("gpgme_data_read" c-gpgme-data-read) ssize-t
  (dh gpgme-data-t)
  (buffer :pointer)
  (size size-t))

(defcfun ("gpgme_data_write" c-gpgme-data-write) ssize-t
  (dh gpgme-data-t)
  (buffer :pointer)

```

```

(size size-t))

(defcfun ("gpgme_data_seek" c-gpgme-data-seek) off-t
  (dh gpgme-data-t)
  (offset off-t)
  (whence :int))

(defcfun ("gpgme_data_new" c-gpgme-data-new) gpgme-error-t
  (dh-p :pointer))

(defcfun ("gpgme_data_release" c-gpgme-data-release) :void
  (dh gpgme-data-t))

(defcfun ("gpgme_data_new_from_mem" c-gpgme-data-new-from-mem) gpgme-error-t
  (dh-p :pointer)
  (buffer :pointer)
  (size size-t)
  (copy :int))

(defcfun ("gpgme_data_release_and_get_mem" c-gpgme-data-release-and-get-mem)
  :pointer
  (dh gpgme-data-t)
  (len-p :pointer))

(defcfun ("gpgme_data_new_from_cbs" c-gpgme-data-new-from-cbs) gpgme-error-t
  (dh-p :pointer)
  (cbs gpgme-data-cbs-t)
  (handle :pointer))

(defcfun ("gpgme_data_new_from_fd" c-gpgme-data-new-from-fd) gpgme-error-t
  (dh-p :pointer)
  (fd :int))

(defcfun ("gpgme_data_new_from_stream" c-gpgme-data-new-from-stream)
  gpgme-error-t
  (dh-p :pointer)
  (stream :pointer))

(defcfun ("gpgme_data_get_encoding" c-gpgme-data-get-encoding)
  gpgme-data-encoding-t
  (dh gpgme-data-t))

(defcfun ("gpgme_data_set_encoding" c-gpgme-data-set-encoding)
  gpgme-error-t
  (dh gpgme-data-t)
  (enc gpgme-data-encoding-t))

(defcfun ("gpgme_data_get_file_name" c-gpgme-data-get-file-name) :string

```

```

(dh gpgme-data-t))

(defcfun ("gpgme_data_set_file_name" c-gpgme-data-set-file-name) gpgme-error-t
  (dh gpgme-data-t)
  (file-name string-or-nil-t))

(defcfun ("gpgme_data_new_from_file" c-gpgme-data-new-from-file) gpgme-error-t
  (dh-p :pointer)
  (fname :string)
  (copy :int))

(defcfun ("gpgme_data_new_from_filepart" c-gpgme-data-new-from-filepart)
  gpgme-error-t
  (dh-p :pointer)
  (fname :string)
  (fp
   :pointer)
  (offset off-t)
  (length size-t))

;;; Key and trust functions.

(defcfun ("gpgme_get_key" c-gpgme-get-key) gpgme-error-t
  (ctx gpgme-ctx-t)
  (fpr :string)
  (key-p :pointer)
  (secret :boolean))

(defcfun ("gpgme_key_ref" c-gpgme-key-ref) :void
  (key gpgme-key-t))

(defcfun ("gpgme_key_unref" c-gpgme-key-unref) :void
  (key gpgme-key-t))

;;; Crypto operations.

(defcfun ("gpgme_cancel" c-gpgme-cancel) gpgme-error-t
  (ctx gpgme-ctx-t))

;;;

(defctype gpgme-invalid-key-t
  (:wrapper :pointer
   :from-c translate-gpgme-invalid-key-t-from-foreign)
  "An invalid key structure.")

(defcstruct gpgme-invalid-key
  "An invalid key structure."

```

```
(next gpgme-invalid-key-t)
(fpr :string)
(reason gpgme-error-no-signal-t))
```

;;; Encryption.

```
(defcstruct gpgme-op-encrypt-result
  "Encryption result structure."
  (invalid-recipients gpgme-invalid-key-t))
```

```
(defctype gpgme-op-encrypt-result-t
  (:wrapper :pointer
   :from-c translate-gpgme-op-encrypt-result-t-from-foreign)
  "An encryption result structure.")
```

```
(defcfun ("gpgme_op_encrypt_result" c-gpgme-op-encrypt-result)
  gpgme-op-encrypt-result-t
  (ctx gpgme-ctx-t))
```

```
(defbitfield gpgme-encrypt-flags-t
  (:always-trust 1)
  (:no-encrypt-to 2)
  (:prepare 4)
  (:expect-sign 8)
  (:no-compress 16)
  (:symmetric 32)
  (:throw-keyids 64)
  (:wrap 128)
  (:want-address 256))
```

```
(defcfun ("gpgme_op_encrypt_start" c-gpgme-op-encrypt-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (recp :pointer) ; Key array.
  (flags gpgme-encrypt-flags-t)
  (plain gpgme-data-t)
  (cipher gpgme-data-t))
```

```
(defcfun ("gpgme_op_encrypt" c-gpgme-op-encrypt) gpgme-error-t
  (ctx gpgme-ctx-t)
  (recp :pointer) ; Key array.
  (flags gpgme-encrypt-flags-t)
  (plain gpgme-data-t)
  (cipher gpgme-data-t))
```

```
(defcfun ("gpgme_op_encrypt_sign_start" c-gpgme-op-encrypt-sign-start)
  gpgme-error-t
  (ctx gpgme-ctx-t)
  (recp :pointer) ; Key array.
```



```
(flags gpgme-encrypt-flags-t)
(plain gpgme-data-t)
(cipher gpgme-data-t))
```

```
(defcfun ("gpgme_op_encrypt_sign"
  c-gpgme-op-encrypt-sign) gpgme-error-t
  (ctx gpgme-ctx-t)
  (recp :pointer) ; Key array.
  (flags gpgme-encrypt-flags-t)
  (plain gpgme-data-t)
  (cipher gpgme-data-t))
```

;;; Decryption.

```
(defctype gpgme-recipient-t
  (:wrapper :pointer
   :from-c translate-gpgme-recipient-t-from-foreign)
  "A recipient structure.")
```

```
(defcstruct gpgme-recipient
  "Recipient structure."
  (next gpgme-recipient-t)
  (keyid :string)
  (-keyid :char :count 17)
  (pubkey-algo gpgme-pubkey-algo-t)
  (status gpgme-error-no-signal-t))
```

```
(defbitfield gpgme-op-decrypt-result-bitfield
  "Decryption result structure bitfield."
  (:wrong-key-usage 1)
  (:is-de-vs 2)
  (:is-mine 4))
```

```
(defcstruct gpgme-op-decrypt-result
  "Decryption result structure."
  (unsupported-algorithm :string)
  (bitfield gpgme-op-decrypt-result-bitfield)
  (recipients gpgme-recipient-t)
  (file-name :string))
```

```
(defctype gpgme-op-decrypt-result-t
  (:wrapper :pointer
   :from-c translate-gpgme-op-decrypt-result-t-from-foreign)
  "A decryption result structure.")
```

```
(defcfun ("gpgme_op_decrypt_result" c-gpgme-op-decrypt-result)
  gpgme-op-decrypt-result-t
  (ctx gpgme-ctx-t))
```

```

(defcfun ("gpgme_op_decrypt_start" c-gpgme-op-decrypt-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (cipher gpgme-data-t)
  (plain gpgme-data-t))

(defcfun ("gpgme_op_decrypt" c-gpgme-op-decrypt) gpgme-error-t
  (ctx gpgme-ctx-t)
  (cipher gpgme-data-t)
  (plain gpgme-data-t))

(defcfun ("gpgme_op_decrypt_verify_start" c-gpgme-op-decrypt-verify-start)
  gpgme-error-t
  (ctx gpgme-ctx-t)
  (cipher gpgme-data-t)
  (plain gpgme-data-t))

(defcfun ("gpgme_op_decrypt_verify" c-gpgme-op-decrypt-verify) gpgme-error-t
  (ctx gpgme-ctx-t)
  (cipher gpgme-data-t)
  (plain gpgme-data-t))

```

;;; Signing.

```

(defctype gpgme-new-signature-t
  (:wrapper :pointer
   :from-c translate-gpgme-new-signature-t-from-foreign)
  "A new signature structure.")

```

```

(defcstruct gpgme-new-signature
  "New signature structure."
  (next gpgme-new-signature-t)
  (type gpgme-sig-mode-t)
  (pubkey-algo gpgme-pubkey-algo-t)
  (hash-algo gpgme-hash-algo-t)
  (-obsolete-class :unsigned-long)
  (timestamp :long)
  (fpr :string)
  (-obsolete-class-2 :unsigned-int)
  (sig-class :unsigned-int))

```

```

(defcstruct gpgme-op-sign-result
  "Signing result structure."
  (invalid-signers gpgme-invalid-key-t)
  (signatures gpgme-new-signature-t))

```

```

(defctype gpgme-op-sign-result-t
  (:wrapper :pointer

```

```

:from-c translate-gpgme-op-sign-result-t-from-foreign)
"A signing result structure.")

(defcfun ("gpgme_op_sign_result" c-gpgme-op-sign-result)
  gpgme-op-sign-result-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_op_sign_start" c-gpgme-op-sign-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (plain gpgme-data-t)
  (sig gpgme-data-t)
  (mode gpgme-sig-mode-t))

(defcfun ("gpgme_op_sign" c-gpgme-op-sign) gpgme-error-t
  (ctx gpgme-ctx-t)
  (plain gpgme-data-t)
  (sig gpgme-data-t)
  (mode gpgme-sig-mode-t))

```

;;; Verify.

```

(defbitfield (gpgme-sigsum-t :unsigned-int)
  "Flags
used for the summary field in a gpgme-signature-t."
  (:valid #x0001)
  (:green #x0002)
  (:red #x0004)
  (:key-revoked #x0010)
  (:key-expired #x0020)
  (:sig-expired #x0040)
  (:key-missing #x0080)
  (:crl-missing #x0100)
  (:crl-too-old #x0200)
  (:bad-policy #x0400)
  (:sys-error #x0800)
  (:tofu-conflict #x1000))

```

```

(defctype gpgme-signature-t
  (:wrapper :pointer
   :from-c translate-gpgme-signature-t-from-foreign)
  "A signature structure.")

```

;; FIXME: Doesn't this depend on endianness?

```

(defbitfield (gpgme-signature-bitfield :unsigned-int)
  "The signature bitfield."
  (:wrong-key-usage 1)
  (:pka-trust 2)
  (:chain-model 4)

```

```
(:is-de-vs 8))
```

```
(defcstruct gpgme-signature
  "Signature structure."
  (next gpgme-signature-t)
  (summary gpgme-sigsum-t)
  (fpr :string)
  (status gpgme-error-no-signal-t)
  (notations gpgme-sig-notation-t)
  (timestamp :unsigned-long)
  (exp-timestamp :unsigned-long)
  (bitfield gpgme-signature-bitfield)
  (validity gpgme-validity-t)
  (validity-reason
   gpgme-error-no-signal-t)
  (pubkey-algo gpgme-pubkey-algo-t)
  (hash-algo gpgme-hash-algo-t))
```

```
(defcstruct gpgme-op-verify-result
  "Verify result structure."
  (signatures gpgme-signature-t)
  (file-name :string))
```

```
(defctype gpgme-op-verify-result-t
  (:wrapper :pointer
   :from-c translate-gpgme-op-verify-result-t-from-foreign)
  "A verify result structure.")
```

```
(defcfun ("gpgme_op_verify_result" c-gpgme-op-verify-result)
  gpgme-op-verify-result-t
  (ctx gpgme-ctx-t))
```

```
(defcfun ("gpgme_op_verify_start" c-gpgme-op-verify-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (sig gpgme-data-t)
  (signed-text gpgme-data-t)
  (plaintext gpgme-data-t))
```

```
(defcfun ("gpgme_op_verify" c-gpgme-op-verify) gpgme-error-t
  (ctx gpgme-ctx-t)
  (sig gpgme-data-t)
  (signed-text gpgme-data-t)
  (plaintext gpgme-data-t))
```

```
;;; Import.
```

```
(defbitfield (gpgme-import-flags-t :unsigned-int)
  "Flags used for the import status field."
```

```

(:new #x0001)
(:uid #x0002)
(:sig #x0004)
(:subkey #x0008)
(:secret
#x0010))

(defctype gpgme-import-status-t
  (:wrapper :pointer
   :from-c translate-gpgme-import-status-t-from-foreign)
  "An import status structure.")

(defcstruct gpgme-import-status
  "New import status structure."
  (next gpgme-import-status-t)
  (fpr :string)
  (result gpgme-error-no-signal-t)
  (status :unsigned-int))

(defcstruct gpgme-op-import-result
  "Import result structure."
  (considered :int)
  (no-user-id :int)
  (imported :int)
  (imported-rsa :int)
  (unchanged :int)
  (new-user-ids :int)
  (new-sub-keys :int)
  (new-signatures :int)
  (new-revocations :int)
  (secret-read :int)
  (secret-imported :int)
  (secret-unchanged :int)
  (skipped-new-keys :int)
  (not-imported :int)
  (imports gpgme-import-status-t))

(defctype gpgme-op-import-result-t
  (:wrapper :pointer
   :from-c translate-gpgme-op-import-result-t-from-foreign)
  "An import status result structure.")

(defcfun ("gpgme_op_import_result" c-gpgme-op-import-result)
  gpgme-op-import-result-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_op_import_start" c-gpgme-op-import-start) gpgme-error-t
  (ctx gpgme-ctx-t))

```

```
(keydata gpgme-data-t))
```

```
(defcfun ("gpgme_op_import" c-gpgme-op-import) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (keydata gpgme-data-t))
```

```
;;; Export.
```

```
(defcfun ("gpgme_op_export_start" c-gpgme-op-export-start) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (pattern :string)  
  (reserved :unsigned-int)  
  (keydata gpgme-data-t))
```

```
(defcfun ("gpgme_op_export" c-gpgme-op-export) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (pattern :string)  
  (reserved :unsigned-int)  
  (keydata gpgme-data-t))
```

```
;;; FIXME: Extended export interfaces require array handling.
```

```
;;; Key generation.
```

```
(defbitfield (gpgme-genkey-flags-t :unsigned-int)  
  "Flags used for the key generation result bitfield."  
  (:primary #x0001)  
  (:sub #x0002)  
  (:uid #x0004))
```

```
(defcstruct gpgme-op-genkey-result  
  "Key generation result structure."  
  (bitfield gpgme-genkey-flags-t)  
  (fpr :string))
```

```
(defctype gpgme-op-genkey-result-t :pointer  
  "A  
  key generation result structure.")
```

```
(defcfun ("gpgme_op_genkey_result" c-gpgme-op-genkey-result)  
  gpgme-op-genkey-result-t  
  (ctx gpgme-ctx-t))
```

```
(defcfun ("gpgme_op_genkey_start" c-gpgme-op-genkey-start) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (parms :string)  
  (pubkey gpgme-data-t)  
  (seckey gpgme-data-t))
```

```

(defcfun ("gpgme_op_genkey" c-gpgme-op-genkey) gpgme-error-t
  (ctx gpgme-ctx-t)
  (parms :string)
  (pubkey gpgme-data-t)
  (seckey gpgme-data-t))

;;; Key deletion.

(defcfun ("gpgme_op_delete_start" c-gpgme-op-delete-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (key gpgme-key-t)
  (allow-secret :int))

(defcfun ("gpgme_op_delete" c-gpgme-op-delete) gpgme-error-t
  (ctx gpgme-ctx-t)
  (key gpgme-key-t)
  (allow-secret :int))

;;; FIXME: Add edit interfaces.

;;; Keylist interface.

(defbitfield (gpgme-keylist-flags-t :unsigned-int)
  "Flags used for the key listing result bitfield."
  (:truncated #x0001))

(defcstruct gpgme-op-keylist-result
  "Key listing result structure."
  (bitfield
   gpgme-keylist-flags-t))

(defctype gpgme-op-keylist-result-t :pointer
  "A key listing result structure.")

(defcfun ("gpgme_op_keylist_result" c-gpgme-op-keylist-result)
  gpgme-op-keylist-result-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_op_keylist_start" c-gpgme-op-keylist-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (pattern :string)
  (secret_only :boolean))

;;; FIXME: Extended keylisting requires array handling.

(defcfun ("gpgme_op_keylist_next" c-gpgme-op-keylist-next) gpgme-error-t
  (ctx gpgme-ctx-t)

```

```

(r-key :pointer))

(defcfun ("gpgme_op_keylist_end" c-gpgme-op-keylist-end) gpgme-error-t
  (ctx gpgme-ctx-t))

;;; Various functions.

(defcfun ("gpgme_check_version" c-gpgme-check-version) :string
  (req-version string-or-nil-t))

(defcfun ("gpgme_get_engine_info" c-gpgme-get-engine-info) gpgme-error-t
  (engine-info-p :pointer))

(defcfun ("gpgme_set_engine_info" c-gpgme-set-engine-info) gpgme-error-t
  (proto gpgme-protocol-t)
  (file-name string-or-nil-t)
  (home-dir
   string-or-nil-t))

(defcfun ("gpgme_engine_check_version" c-gpgme-engine-check-version)
  gpgme-error-t
  (proto gpgme-protocol-t))

;;;
;;; L I S P   I N T E R F A C E
;;;

;;;
;;;
;;; Lisp type translators.
;;;

;;; Both directions.

;;; cert-int-t is a helper type that takes care of representing the
;;; default number of certs as NIL.

(defun translate-cert-int-t-from-foreign (value)
  (cond
    ((eql value +include-certs-default+) nil)
    (t value)))

(defun translate-cert-int-t-to-foreign (value)
  (cond
    (value value)
    (t +include-certs-default+)))

;;; string-or-nil-t translates a null pointer to NIL and vice versa.
;;; Translation from foreign null pointer already works as expected.

```



```
(defun translate-string-or-nil-t-to-foreign (value)
  (cond
    (value value)
    (t (null-pointer))))
```

;;; Output only.

;;; These type translators only convert from foreign type, because we
 never use these types in the other direction.

;;; Convert gpgme-engine-info-t linked lists into a
 list of property
 lists. Note that this converter will automatically be invoked
 recursively.
 ;;;
 ;;; FIXME: Should we use a hash table (or struct, or clos) instead of
 property list, as recommended by the Lisp FAQ?

```
(defun translate-gpgme-engine-info-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next protocol file-name version req-version home-dir)
         value (:struct gpgme-engine-info))
      (append (list protocol (list
        :file-name file-name
        :version version
        :req-version req-version
        :home-dir home-dir))
        next))))))
```

```
(defun translate-gpgme-invalid-key-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next fpr reason)
         value (:struct gpgme-invalid-key))
      (append (list (list :fpr fpr
        :reason reason))
        next))))))
```

```
(defun translate-gpgme-op-encrypt-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
```

```

((invalid-recipients)
 value (:struct gpgme-op-encrypt-result))
(list :encrypt
      (list :invalid-recipients invalid-recipients))))))

(defun translate-gpgme-recipient-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
         ((next keyid pubkey-algo status)
          value (:struct gpgme-recipient))
         (append (list (list :keyid keyid
                             :pubkey-algo pubkey-algo
                             :status status))
                  next))))))

(defun translate-gpgme-op-decrypt-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
         ((unsupported-algorithm bitfield recipients file-name)
          value (:struct gpgme-op-decrypt-result))
         (list :decrypt (list :unsupported-algorithm unsupported-algorithm
                              :bitfield bitfield
                              :recipients recipients
                              :file-name file-name))))))

(defun translate-gpgme-new-signature-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
         ((next
          type pubkey-algo hash-algo timestamp fpr sig-class)
          value (:struct gpgme-new-signature))
         (append (list (list :type type
                              :pubkey-algo pubkey-algo
                              :hash-algo hash-algo
                              :timestamp timestamp
                              :fpr fpr
                              :sig-class sig-class))
                  next))))))

(defun translate-gpgme-op-sign-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
         ((invalid-signers signatures)
          value (:struct gpgme-op-sign-result))
         (list :invalid-signers invalid-signers))))))

```

```

(list :sign (list :invalid-signers invalid-signers
  :signatures signatures))))))

(defun translate-gpgme-signature-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next summary fpr status notations timestamp
          exp-timestamp bitfield validity validity-reason
          pubkey-algo hash-algo)
         value (:struct gpgme-signature))
      (append (list (list :summary summary
        :fpr fpr
        :status status
        :notations notations
        :timestamp timestamp

        :exp-timestamp exp-timestamp
        :bitfield bitfield
        :validity validity
        :validity-reason validity-reason
        :pubkey-algo pubkey-algo))
        next))))))

(defun translate-gpgme-op-verify-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((signatures file-name)
         value (:struct gpgme-op-verify-result))
      (list :verify (list :signatures signatures
        :file-name file-name))))))

(defun translate-gpgme-import-status-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next fpr result status)
         value (:struct gpgme-import-status))
      (append (list (list :fpr fpr
        :result result
        :status status))
        next))))))

(defun translate-gpgme-op-import-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots

```

```

((considered no-user-id imported imported-rsa unchanged
new-user-ids new-sub-keys new-signatures
new-revocations
secret-read secret-imported
secret-unchanged skipped-new-keys not-imported
imports)
value (:struct gpgme-op-import-result))
(list :verify (list :considered considered
:no-user-id no-user-id
:imported imported
:imported-rsa imported-rsa
:unchanged unchanged
:new-user-ids new-user-ids
:new-sub-keys new-sub-keys
:new-signatures new-signatures
:new-revocations new-revocations
:secret-read secret-read
:secret-imported secret-imported
:secret-unchanged secret-unchanged
:skipped-new-keys skipped-new-keys
:not-imported not-imported
:imports imports))))))

;;; Error handling.

;;; Use gpgme-error-no-signal-t to suppress automatic error handling
;;; at translation time.
;;;
;;; FIXME: Part of this probably should be in gpg-error!

(define-condition gpgme-error (error)
  ((value :initarg :gpgme-error :reader gpgme-error-value))
  (:report (lambda (c stream)

    (format stream "GPGME returned error: ~A (~A)"
      (gpgme-strerror (gpgme-error-value c))
      (gpgme-strsource (gpgme-error-value c))))))
  (:documentation "Signalled when a GPGME function returns an error.))

(defun translate-gpgme-error-t-from-foreign (value)
  "Raise a GPGME-ERROR if VALUE is non-zero."
  (when (not (eql (gpgme-err-code value) :gpg-err-no-error))
    (error 'gpgme-error :gpgme-error value))
  (gpg-err-canonicalize value))

(defun translate-gpgme-error-t-to-foreign (value)
  "Canonicalize the error value."
  (if (eql (gpgme-err-code value) :gpg-err-no-error)

```

```

0
(gpg-err-as-value value)))

(defun translate-gpgme-error-no-signal-t-from-foreign (value)
  "Canonicalize the error value."
  (gpg-err-canonicalize value))

;;; *INTERNAL* Lispy Function Interface that is still close to the C
;;; interface.

;;; Passphrase callback management.

;;; Maybe: Instead, use subclassing, and provide a customizable
;;; default implementation for ease-of-use.

(defvar
  *passphrase-handles* (make-hash-table)
  "Hash table with GPGME context address as key and the corresponding
  passphrase callback object as value.")

(defcallback passphrase-cb gpgme-error-t ((handle :pointer)
  (uid-hint :string)
  (passphrase-info :string)
  (prev-was-bad :boolean)
  (fd :int))
(handler-case
  (let* ((passphrase-cb
    (gethash (pointer-address handle) *passphrase-handles*))
    (passphrase
    (cond
      ((functionp passphrase-cb)
       (concatenate 'string
        (funcall passphrase-cb uid-hint passphrase-info
         prev-was-bad)
        '(\Newline))))
    (t (concatenate 'string passphrase-cb '(\Newline)))))
    (passphrase-len (length passphrase))
    ;; FIXME: Could be more robust.
    (res (system-write fd passphrase passphrase-len)))
    (cond
      ((< res passphrase-len) ; FIXME: Blech. A weak attempt to be robust.
       (gpgme-error :gpg-err-inval))
      (t (gpgme-error :gpg-err-no-error))))
    (gpgme-error (err)
    (gpgme-error-value err))
    (system-error (err) (gpgme-error-from-errno (system-error-errno err)))
    ;; FIXME: The original error gets lost here.

```

```

(condition (err) (progn
  (when *debug*
    (format t "DEBUG: passphrase-cb: Unexpressable: ~A~%"
      err))
  (gpgme-error :gpg-err-general))))))

;;; CTX is a C-pointer to the context.
(defun gpgme-set-passphrase-cb (ctx cb)
  "Set the passphrase callback for CTX."
  (let ((handle (pointer-address ctx)))
    (cond
      (cb (setf (gethash handle *passphrase-handles*) cb)
        (c-gpgme-set-passphrase-cb ctx (callback passphrase-cb) ctx))
      (t (c-gpgme-set-passphrase-cb ctx (null-pointer) (null-pointer))
        (remhash handle *passphrase-handles*))))))

;;; Progress callback management.

;;; Maybe: Instead, use subclassing, and provide a customizable
;;; default implementation for ease-of-use.

(defvar *progress-handles* (make-hash-table)
  "Hash table with GPGME context address as key and the corresponding
  progress callback
  object as value.")

(defcallback progress-cb :void ((handle :pointer)
  (what :string)
  (type :int)
  (current :int)
  (total :int))
  (handler-case
    (let* ((progress-cb
      (gethash (pointer-address handle) *progress-handles*)))
      (funcall progress-cb what type current total))
    ;; FIXME: The original error gets lost here.
    (condition (err) (when *debug*
      (format t "DEBUG: progress-cb: Unexpressable: ~A~%"
        err))))))

;;; CTX is a C-pointer to the context.
(defun gpgme-set-progress-cb (ctx cb)
  "Set the progress callback for CTX."
  (let ((handle (pointer-address ctx)))
    (cond
      (cb (setf (gethash handle *progress-handles*) cb)
        (c-gpgme-set-progress-cb ctx (callback progress-cb) ctx))
      (t (c-gpgme-set-progress-cb ctx (null-pointer) (null-pointer))
        (remhash handle *progress-handles*))))))

```

```
(remhash handle *progress-handles*))))))
```

```
;;; Context management.
```

```
(defun gpgme-new (&key (protocol :openpgp) armor textmode include-certs
  keylist-mode passphrase progress file-name
  home-dir)
  "Allocate a new GPGME context."
  (with-foreign-object (ctx-p 'gpgme-ctx-t)
    (c-gpgme-new ctx-p)
    (let ((ctx (mem-ref ctx-p 'gpgme-ctx-t)))
      ;; Set locale?
      (gpgme-set-protocol ctx protocol)
      (gpgme-set-armor ctx armor)
      (gpgme-set-textmode ctx textmode)
      (when include-certs (gpgme-set-include-certs ctx include-certs))
      (when keylist-mode (gpgme-set-keylist-mode ctx keylist-mode))
      (gpgme-set-passphrase-cb ctx passphrase)
      (gpgme-set-progress-cb ctx progress)
      (gpgme-set-engine-info ctx protocol
        :file-name file-name :home-dir home-dir)
      (when *debug* (format t "DEBUG: gpgme-new: ~A~%" ctx))
      ctx)))
```

```
(defun gpgme-release (ctx)
  "Release a GPGME context."
  (when *debug* (format t "DEBUG: gpgme-release: ~A~%" ctx))
  (c-gpgme-release ctx))
```

```
(defun gpgme-set-protocol (ctx proto)
  "Set the protocol to be used by CTX to PROTO."
  (c-gpgme-set-protocol ctx proto))
```

```
(defun gpgme-get-protocol (ctx)
  "Get
the protocol used with CTX."
  (c-gpgme-get-protocol ctx))
```

```
;;; FIXME: How to do pretty printing?
;;;
;;; gpgme-get-protocol-name
```

```
(defun gpgme-set-armor (ctx armor)
  "If ARMOR is true, enable armor mode in CTX, disable it otherwise."
  (c-gpgme-set-armor ctx armor))
```

```
(defun gpgme-armor-p (ctx)
  "Return true if armor mode is set for CTX."
```

```

(c-gpgme-get-armor ctx))

(defun gpgme-set-textmode (ctx textmode)
  "If TEXTMODE is true, enable text mode mode in CTX, disable it otherwise."
  (c-gpgme-set-textmode ctx textmode))

(defun gpgme-textmode-p (ctx)
  "Return true if text mode mode is set for CTX."
  (c-gpgme-get-textmode ctx))

(defun gpgme-set-include-certs (ctx &optional certs)
  "Include up to CERTS certificates in an S/MIME message."
  (c-gpgme-set-include-certs ctx certs))

(defun gpgme-get-include-certs (ctx)
  "Return the number of certs to include in an S/MIME message,
  or NIL if the default is used."
  (c-gpgme-get-include-certs ctx))

(defun gpgme-get-keylist-mode (ctx)
  "Get the keylist mode in CTX."
  (c-gpgme-get-keylist-mode ctx))

(defun gpgme-set-keylist-mode (ctx mode)
  "Set the keylist mode in CTX."
  (c-gpgme-set-keylist-mode ctx mode))

;;; FIXME: How to handle locale? cffi-grovel?

(defun gpgme-get-engine-info (&optional ctx)
  "Retrieve the engine info for CTX, or the default if CTX is omitted."
  (cond
   (ctx (c-gpgme-ctx-get-engine-info ctx))
   (t (with-foreign-object (info-p 'gpgme-engine-info-t)
        (c-gpgme-get-engine-info info-p)
        (mem-ref info-p 'gpgme-engine-info-t))))))

(defun gpgme-set-engine-info (ctx proto &key file-name home-dir)
  "Set the engine info for CTX, or the default if CTX is NIL."
  (cond
   (ctx (c-gpgme-ctx-set-engine-info ctx proto file-name home-dir))
   (t (c-gpgme-set-engine-info proto file-name home-dir))))

;;; FIXME: How to do pretty printing?
;;;
;;; gpgme_pubkey_algo_name, gpgme_hash_algo_name

```



```

(defun gpgme-set-signers (ctx keys)
  "Set the signers for the context CTX."
  (c-gpgme-signers-clear ctx)
  (dolist (key keys) (c-gpgme-signers-add ctx key)))

;;;

(defun gpgme-set-sig-notation (ctx notations)
  "Set the sig notation for the context CTX."
  (c-gpgme-sig-notation-clear ctx)
  (dolist (notation notations)
    (c-gpgme-sig-notation-add
     ctx (first notation) (second notation) (third notation))))

(defun gpgme-get-sig-notation (ctx)
  "Get the signature notation data for the context CTX."
  (c-gpgme-sig-notation-get ctx))

;;; FIXME: Add I/O callback interface, for integration with clg.

;;; FIXME: Add gpgme_wait?

;;; Streams
;;; -----
;;;
;;; GPGME uses standard streams. You can define your own streams, or
;;; use the existing file or string streams.
;;;
;;; A stream-spec is either a stream, or a list with a stream as its
;;; first argument followed by keyword parameters: encoding,
;;; file-name.
;;;
;;; FIXME: Eventually, we should provide a class that can be mixed
;;; into stream classes and which provides accessors for encoding and
;;; file-names. This interface
;;; should be provided in addition to the
;;; above sleazy interface, because the sleazy interface is easier to
;;; use (less typing), and is quite sufficient in a number of cases.
;;;
;;; For best results, streams with element type (unsigned-byte 8)
;;; should be used. Character streams may work if armor mode is used.

;;; Do we need to provide access to GPGME data objects through streams
;;; as well? It seems to me that specific optimizations, like
;;; directly writing to file descriptors, is better done by extending
;;; the sleazy syntax (stream-spec) instead of customized streams.
;;; Customized streams do buffering, and this may mess up things. Mmh.

```

```

(defvar *data-handles* (make-hash-table)
  "Hash table with GPGME data user callback handle address as key
  and the corresponding stream as value.")

;;; The release callback removes the stream from the *data-handles*
;;; hash and releases the CBS structure that is used as the key in
;;; that hash. It is implicitly invoked (through
    GPGME) by
;;; gpgme-data-release.
(defun data-release-cb (handle :pointer)
  (unwind-protect (remhash (pointer-address handle) *data-handles*)
    (when (not (null-pointer-p handle)) (foreign-free handle))))

(defun data-read-cb (handle :pointer) (buffer :pointer)
  (size size-t))
  (when *debug* (format t "DEBUG: gpgme-data-read-cb: want ~A~%" size))
  (let ((stream (gethash (pointer-address handle) *data-handles*)))
    (cond
      (stream
        (let* ((stream-type (stream-element-type stream))
              (seq (make-array size :element-type stream-type))
              (read (read-sequence seq stream)))
          (cond
            ((equal stream-type '(unsigned-byte 8))
              (dotimes (i read)
                (setf (mem-aref buffer :unsigned-char i)
                  (aref (the byte-array seq) i))))
            ((eql stream-type 'character)
              (dotimes (i read)
                (setf (mem-aref buffer :unsigned-char
                  i)
                  (char-code (aref (the character-array seq) i))))))
          (t
            (dotimes (i read)
              (setf (mem-aref buffer :unsigned-char i)
                (coerce (aref seq i) '(unsigned-byte 8))))))
          (when *debug* (format t "DEBUG: gpgme-data-read-cb: read ~A~%" read))
          read))
      (t
        (set-errno +ebadf+
          -1))))

(defun data-write-cb (handle :pointer) (buffer :pointer)
  (size size-t))
  (when *debug* (format t "DEBUG: gpgme-data-write-cb: want ~A~%" size))
  (let ((stream (gethash (pointer-address handle) *data-handles*)))
    (cond
      (stream

```

```

(let* ((stream-type (stream-element-type stream))
      (seq (make-array size :element-type stream-type)))
  (cond
    ((equal stream-type '(unsigned-byte 8))
     (dotimes (i size)
       (setf (aref (the byte-array seq) i)
             (mem-aref buffer :unsigned-char i))))
    ((eql stream-type 'character)
     (dotimes (i size)
       (setf (aref (the character-array seq) i)
             (code-char (mem-aref buffer :unsigned-char i)))))
    (t
     (dotimes (i size)
       (setf (aref seq i)
             (coerce (mem-aref buffer :unsigned-char i) stream-type)))))
  (write-sequence seq stream)
  size))
(t
 (set-errno +ebadf+
 -1)))

```

;;; This little helper macro allows us to swallow the cbs structure by
 ;;; simply setting it to a null pointer, but still protect against
 ;;; conditions.

```

(defmacro with-cbs-swallowed ((cbs) &body body)
  `(let ((cbs (foreign-alloc '(:struct gpgme-data-cbs))))
    (unwind-protect (progn ,@body)
      (when (not (null-pointer-p ,cbs)) (foreign-free ,cbs)))))

```

```

(defun gpgme-data-new (stream &key encoding file-name)
  "Allocate a new GPGME data object for STREAM."
  (with-foreign-object (dh-p 'gpgme-data-t)
    ;;; We allocate one CBS structure
    for each stream we wrap in a
    ;;; data object. Although we could also share all these
    ;;; structures, as they contain the very same callbacks, we need a
    ;;; unique C pointer as handle anyway to look up the stream in the
    ;;; callback. This is a convenient one to use.
    (with-cbs-swallowed (cbs)
      (setf (foreign-slot-value cbs '(:struct gpgme-data-cbs) 'read)
            (callback data-read-cb))
      (setf (foreign-slot-value cbs '(:struct gpgme-data-cbs) 'write)
            (callback data-write-cb))
      (setf (foreign-slot-value cbs '(:struct gpgme-data-cbs) 'seek)
            (null-pointer))
      (setf (foreign-slot-value cbs '(:struct gpgme-data-cbs) 'release)
            (callback data-release-cb))
      (c-gpgme-data-new-from-cbs dh-p cbs cbs)

```

```

    (let ((dh (mem-ref dh-p 'gpgme-data-t)))
      (when encoding (gpgme-data-set-encoding dh encoding))
      (when file-name (gpgme-data-set-file-name dh file-name))
      ;; Install the stream into the hash table and
      swallow the cbs
      ;; structure while protecting against any errors.
      (unwind-protect
        (progn
          (setf (gethash (pointer-address cbs) *data-handles*) stream)
          (setf cbs (null-pointer)))
          (when (not (null-pointer-p cbs)) (c-gpgme-data-release dh)))
        (when *debug* (format t "DEBUG: gpgme-data-new: ~A~%" dh)
          dh))))

;; This function releases a GPGME data object. It implicitly
;; invokes the data-release-cb function to clean up associated junk.
(defun gpgme-data-release (dh)
  "Release a GPGME data object."
  (when *debug* (format t "DEBUG: gpgme-data-release: ~A~%" dh))
  (c-gpgme-data-release dh))

(defclass data ()
  (c-data) ; The C data object pointer
  (:documentation "The GPGME data type.))

(defmethod initialize-instance :after ((data data) &key streamspec
                                     &allow-other-keys)
  (let ((c-data (if (listp streamspec)
                    (apply #'gpgme-data-new streamspec)
                    (gpgme-data-new streamspec))))
    (cleanup t))
  (unwind-protect
    (progn
      (setf (slot-value data 'c-data) c-data)
      (finalize data (lambda () (gpgme-data-release c-data)))
      (setf cleanup nil))
    (if cleanup (gpgme-data-release c-data))))))

(defun translate-gpgme-data-t-to-foreign (value)
  ;; Allow a pointer to be passed directly for the finalizer to work.
  (cond
    ((null value) (null-pointer))
    ((pointerp value) value)
    (t (slot-value value 'c-data))))

(defmacro with-gpgme-data ((dh streamspec) &body body)
  `(let ((dh (make-instance 'data :streamspec ,streamspec)))
    .@body))

```

```

(defun gpgme-data-get-encoding (dh)
  "Get the encoding associated with the data object DH."
  (c-gpgme-data-get-encoding dh))

(defun gpgme-data-set-encoding (dh encoding)
  "Set the encoding associated with the data object DH to ENCODING."
  (c-gpgme-data-set-encoding dh encoding))

(defun gpgme-data-get-file-name (dh)
  "Get the file name associated with the data object
  DH."
  (c-gpgme-data-get-file-name dh))

(defun gpgme-data-set-file-name (dh file-name)
  "Set the file name associated with the data object DH to FILE-NAME."
  (c-gpgme-data-set-file-name dh file-name))

;;; FIXME: Add key accessor interfaces.

(defun gpgme-get-key (ctx fpr &optional secret)
  "Get the key with the fingerprint FPR from the context CTX."
  (with-foreign-object (key-p 'gpgme-key-t)
    (c-gpgme-get-key ctx fpr key-p secret)
    (mem-ref key-p 'gpgme-key-t)))

(defun gpgme-key-ref (key)
  "Acquire an additional reference to the key KEY."
  (when *debug* (format t "DEBUG: gpgme-key-ref: ~A~%" key))
  (c-gpgme-key-ref key))

(defun gpgme-key-unref (key)
  "Release a reference to the key KEY."
  (when *debug* (format t "DEBUG: gpgme-key-unref: ~A~%" key))
  (c-gpgme-key-unref key))

;;; FIXME: We REALLY need pretty printing for keys and all the other
;;; big structs.

;;; Various interfaces.

(defun gpgme-check-version (&optional req-version)
  (c-gpgme-check-version req-version))

;;;
;;;
;;;
The *EXPORTED* CLOS interface.
;;;

```

;;; The context type.

;;; We wrap the C context pointer into a class object to be able to
;;; stick a finalizer on it.

```
(defclass context ()
  (c-ctx ; The C context object pointer.
    signers ; The list of signers.
    sig-notation) ; The list of signers.
  (:documentation "The GPGME context type.))

(defmethod initialize-instance :after ((ctx context) &rest rest
  &key &allow-other-keys)
  (let ((c-ctx (apply #'gpgme-new rest))
    (cleanup t))
    (unwind-protect
      (progn (setf (slot-value ctx 'c-ctx) c-ctx)
        (finalize ctx (lambda () (gpgme-release c-ctx)))
        (setf cleanup nil))
      (if cleanup (gpgme-release c-ctx))))))

(defun translate-gpgme-ctx-t-to-foreign (value)
  ;; Allow a pointer to be passed directly for the finalizer to work.
  (if (pointerp value) value (slot-value value 'c-ctx)))

(defmacro context (&rest rest)
  "Create a new GPGME context."
  `(make-instance 'context ,@rest))

;;; The context type: Accessor
functions.

;;; The context type: Accessor functions: Protocol.

(defgeneric protocol (ctx)
  (:documentation "Get the protocol of CONTEXT.))

(defmethod protocol ((ctx context))
  (gpgme-get-protocol ctx))

(defgeneric (setf protocol) (protocol ctx)
  (:documentation "Set the protocol of CONTEXT to PROTOCOL.))

;;; FIXME: Adjust translator to reject invalid protocols. Currently,
;;; specifying an invalid protocol throws a "NIL is not 32 signed int"
;;; error. This is suboptimal.
(defmethod (setf protocol) (protocol (ctx context))
```

```
(gpgme-set-protocol ctx protocol))
```

```
;;; The context type: Accessor functions: Armor.
```

```
;;; FIXME: Is it good style to make foop setf-able? Or should it be
```

```
;;; foo/foop for set/get?
```

```
(defgeneric armorp (ctx)
```

```
(:documentation "Get the armor flag of CONTEXT."))
```

```
(defmethod armorp ((ctx context))
```

```
(gpgme-armor-p ctx))
```

```
(defgeneric (setf armorp) (armor ctx)
```

```
(:documentation "Set the armor flag of CONTEXT to ARMOR."))
```

```
(defmethod (setf armorp) (armor (ctx  
context))
```

```
(gpgme-set-armor ctx armor))
```

```
;;; The context type: Accessor functions: Textmode.
```

```
;;; FIXME: Is it good style to make foop setf-able? Or should it be
```

```
;;; foo/foop for set/get?
```

```
(defgeneric textmodep (ctx)
```

```
(:documentation "Get the text mode flag of CONTEXT."))
```

```
(defmethod textmodep ((ctx context))
```

```
(gpgme-textmode-p ctx))
```

```
(defgeneric (setf textmodep) (textmode ctx)
```

```
(:documentation "Set the text mode flag of CONTEXT to TEXTMODE."))
```

```
(defmethod (setf textmodep) (textmode (ctx context))
```

```
(gpgme-set-textmode ctx textmode))
```

```
;;; The context type: Accessor functions: Include Certs.
```

```
(defgeneric include-certs (ctx)
```

```
(:documentation "Get the number of included certificates in an  
S/MIME message, or NIL if the default is used."))
```

```
(defmethod include-certs ((ctx context))
```

```
(gpgme-get-include-certs ctx))
```

```
(defgeneric (setf include-certs) (certs ctx)
```

```
(:documentation "Return the number of certificates to include in an  
S/MIME message, or
```

NIL if the default is used."))

```
(defmethod (setf include-certs) (certs (ctx context))  
  (gpgme-set-include-certs ctx certs))
```

;;; The context type: Accessor functions: Engine info.

```
(defgeneric engine-info (ctx)  
  (:documentation "Retrieve the engine info for CTX."))
```

```
(defmethod engine-info ((ctx context))  
  (gpgme-get-engine-info ctx))
```

```
(defgeneric (setf engine-info) (info ctx)  
  (:documentation "Set the engine info for CTX."))
```

```
(defmethod (setf engine-info) (info (ctx context))  
  (dolist (proto '(:openpgp :cms))  
    (let ((pinfo (getf info proto)))  
      (when pinfo  
        (gpgme-set-engine-info ctx proto :file-name (getf pinfo :file-name)  
                               :home-dir (getf pinfo :home-dir))))))
```

;;; The context type: Accessor functions: Keylist mode.

```
(defgeneric keylist-mode (ctx)  
  (:documentation "Get the keylist mode of CTX."))
```

```
(defmethod keylist-mode ((ctx context))  
  (gpgme-get-keylist-mode ctx))
```

```
(defgeneric (setf keylist-mode) (mode ctx)  
  (:documentation "Set the keylist mode of CTX to MODE."))
```

```
(defmethod  
  (setf keylist-mode) (mode (ctx context))  
  (gpgme-set-keylist-mode ctx mode))
```

;;; The context type: Accessor functions: Signers.

```
(defgeneric signers (ctx)  
  (:documentation "Get the signers of CTX."))
```

```
(defmethod signers ((ctx context))  
  (slot-value ctx 'signers))
```

```
(defgeneric (setf signers) (signers ctx)  
  (:documentation "Set the signers of CTX to SIGNERS."))
```



```

(defmethod (setf keylist-mode) (signers (ctx context))
  (gpgme-set-signers ctx signers)
  (setf (slot-value ctx 'signers) signers))

;;; The context type: Accessor functions: Sig notations.

(defgeneric sig-notations (ctx)
  (:documentation "Get the signature notations of CTX."))

(defmethod sig-notations ((ctx context))
  (slot-value ctx 'signers))

(defgeneric (setf sig-notations) (notations ctx)
  (:documentation "Set the signature notations of CTX to NOTATIONS."))

(defmethod (setf sig-notations) (notations (ctx context))
  (gpgme-set-signers ctx notations)
  (setf (slot-value ctx 'notations) notations))

;;;
The context type: Support macros.

(defmacro with-context ((ctx &rest rest) &body body)
  `(let ((ctx (make-instance 'context ,@rest)))
    ,@body))

;;; The key type.

(defclass key ()
  (c-key) ; The C key object pointer.
  (:documentation "The GPGME key type."))

;;; In the initializer, we swallow the c-key argument.
(defmethod initialize-instance :after ((key key) &key c-key
  &allow-other-keys)
  (setf (slot-value key 'c-key) c-key)
  (finalize key (lambda () (gpgme-key-unref c-key))))

(defun translate-gpgme-key-t-from-foreign (value)
  (when *debug* (format t "DEBUG: import key: ~A~%" value))
  (make-instance 'key :c-key value))

(defun translate-gpgme-key-t-to-foreign (value)
  ;; Allow a pointer to be passed directly for the finalizer to work.
  (if (pointerp value) value (slot-value value 'c-key)))

(defmethod print-object ((key key) stream)

```

```
(print-unreadable-object (key stream :type t :identity t)
  (format stream "~s" (fpr key))))
```

;;; The key type:

Accessor functions.

;;; FIXME: The bitfield and flags contain redundant information at

;;; this point. FIXME: Deal nicer with zero-length name (policy url)

;;; and zero length value (omit?) and human-readable (convert to string).

;;; FIXME: Turn binary data into sequence or vector or what it should be.

;;; FIXME: Turn the whole thing into a hash?

```
(defun translate-gpgme-sig-notation-t-from-foreign (value)
```

```
(cond
  ((null-pointer-p value) nil)
  (t (with-foreign-slots
      ((next name value name-len value-len flags bitfield)
       value (:struct gpgme-sig-notation))
      (append (list (list
        :name name
        :value value
        :name-len name-len
        :value-len value-len
        :flags flags
        :bitfield bitfield))
        next))))))
```

;;; FIXME: Deal nicer with timestamps. bitfield field name?

```
(defun translate-gpgme-subkey-t-from-foreign (value)
```

```
(cond
  ((null-pointer-p value) nil)
  (t (with-foreign-slots
      ((next bitfield pubkey-algo length keyid fpr timestamp expires)
       value (:struct gpgme-subkey))
      next))))
```

```
(append (list (list
  :bitfield bitfield
  :pubkey-algo pubkey-algo
  :length length
  :keyid keyid
  :fpr fpr
  :timestamp timestamp
  :expires expires))
  next))))
```

```
(defun translate-gpgme-key-sig-t-from-foreign (value)
```

```
(cond
  ((null-pointer-p value) nil)
  (t (with-foreign-slots
```

```

((next bitfield pubkey-algo keyid timestamp expires status
uid name email comment sig-class)
value (:struct gpgme-key-sig))
(append (list (list
:bitfield bitfield
:pubkey-algo pubkey-algo
:keyid keyid
:timestamp timestamp
:expires expires
:status status
:uid uid
:name name
:email email
:comment comment
:sig-class sig-class))
next))))

```

```

(defun translate-gpgme-user-id-t-from-foreign (value)
(cond
((null-pointer-p value) nil)
(t (with-foreign-slots
((next bitfield validity uid name email comment signatures)
value (:struct gpgme-user-id))
(append (list (list
:bitfield bitfield
:validity validity
:uid uid
:name
name
:email email
:comment comment
:signatures signatures))
next))))))

```

```

(defun key-data (key)
(with-slots (c-key) key
(with-foreign-slots
((bitfield protocol issuer-serial issuer-name chain-id
owner-trust subkeys uids keylist-mode)
c-key (:struct gpgme-key))
(list
:bitfield bitfield
:protocol protocol
:issuer-serial issuer-serial
:issuer-name issuer-name
:chain-id chain-id
:owner-trust owner-trust
:subkeys subkeys

```

```

:uids uids
:keylist-mode keylist-mode))
))

```

```

(defgeneric fpr (key)
  (:documentation "Get the primary fingerprint of the key."))

```

```

(defmethod fpr ((key key))
  (getf (car (getf (key-data key) :subkeys)) :fpr))

```

;;; The context type: Crypto-Operations.

```

(defgeneric get-key (ctx fpr &optional secret)
  (:documentation "Get the (secret) key FPR from CTX."))

```

```

(defmethod get-key ((ctx context) fpr &optional secret)
  (gpgme-get-key ctx fpr secret))

```

;;; Encrypt.

```

(defgeneric
  op-encrypt (ctx recp plain cipher &key always-trust sign)
  (:documentation "Encrypt."))

```

```

(defmethod op-encrypt ((ctx context) recp plain cipher
  &key always-trust sign)
  (with-foreign-object (c-recp :pointer (+ 1 (length recp)))
    (dotimes (i (length recp))
      (setf (mem-aref c-recp 'gpgme-key-t i) (elt recp i)))
      (setf (mem-aref c-recp :pointer (length recp)) (null-pointer))
      (with-gpgme-data (in plain)
        (with-gpgme-data (out cipher)
          (let ((flags))
            (if always-trust (push :always-trust flags))
            (cond
              (sign
               (c-gpgme-op-encrypt-sign ctx c-recp flags in out)
               (append (c-gpgme-op-encrypt-result ctx)
                        (c-gpgme-op-sign-result ctx))))
            (t
             (c-gpgme-op-encrypt ctx c-recp flags in out)
             (c-gpgme-op-encrypt-result ctx))))))))))

```

;;; Decrypt.

```

(defgeneric op-decrypt (ctx cipher plain &key verify)

```

```
(:documentation "Decrypt."))
```

```
(defmethod op-decrypt ((ctx context) cipher plain &key verify)
  (with-gpgme-data (in cipher)
    (with-gpgme-data
      (out plain)
        (cond
          (verify
            (c-gpgme-op-decrypt-verify ctx in out)
            (append (c-gpgme-op-decrypt-result ctx)
              (c-gpgme-op-verify-result ctx))))
          (t
            (c-gpgme-op-decrypt ctx in out)
            (c-gpgme-op-decrypt-result ctx))))))
```

;;; Signing.

```
(defgeneric op-sign (ctx plain sig &optional mode)
  (:documentation "Sign."))
```

```
(defmethod op-sign ((ctx context) plain sig &optional (mode :none))
  (with-gpgme-data (in plain)
    (with-gpgme-data (out sig)
      (c-gpgme-op-sign ctx in out mode)
      (c-gpgme-op-sign-result ctx))))
```

;;; Verify.

```
(defgeneric op-verify (ctx sig text &key detached)
  (:documentation "Verify."))
```

```
(defmethod op-verify ((ctx context) sig text &key detached)
  (with-gpgme-data (in sig)
    (with-gpgme-data (on text)
      (c-gpgme-op-verify ctx in (if detached on nil)
        (if detached nil on))
      (c-gpgme-op-verify-result ctx))))
```

;;; Import.

```
(defgeneric op-import (ctx keydata)
  (:documentation "Import."))
```

```
(defmethod op-import ((ctx context) keydata)
  (with-gpgme-data (in keydata)
    (c-gpgme-op-import ctx in)
    (c-gpgme-op-import-result ctx)))
```

;;; Export.

```
(defgeneric op-export (ctx pattern keydata)
  (:documentation "Export public key data matching PATTERN to the
    stream KEYDATA."))
```

```
(defmethod op-export ((ctx context) pattern keydata)
  (with-gpgme-data (dh keydata)
    (c-gpgme-op-export ctx pattern 0 dh)))
```

;;; Key generation.

;;;

;;; Initialization

;;;

```
(defun check-version (&optional req-version)
  "Check that the GPGME version requirement is satisfied."
  (gpgme-check-version req-version))
```

```
(defparameter *version* (check-version)
  "The version number of GPGME used.")
(21:protected-private-key(3:elg(1:p193:5*n^f"Q'R0_6<ymec \=c7S8u[5
ZF'xf5yi9F@T=KhZdU0(k5nZEl/ R)njVITPU$W<xs-Yx)(1:g1:)(1:y192:O9GNR{?}Y_W[FD*zURmk%'R\'>>e9pe
eU)uS%VJ!5F)yH*O
]l'7{@wJmQP^jurx'V2H2j[G{q_"8()(9:protected25:openpgp-s2k3-sha1-aes-cbc((4:sha18:o"%7:5242880)16:Hs*}u
)256:Gzk3%\Kb2=ooO@,)eBBI3F|OQP3eD%n,~L-6UH^=64i);l
e+sG"(mlH_2sn_BBO7hRcZUt(p6,{5|37C3m8EY9=gQ )(12:protected-at15:20101008T070148)))
# *- mode: org *-
#+TITLE: A Short History of the GPGME bindings for Python
#+LATEX_COMPILER: xelatex
#+LATEX_CLASS: article
#+LATEX_CLASS_OPTIONS: [12pt]
#+LATEX_HEADER: \usepackage{xltextra}
#+LATEX_HEADER: \usepackage[margin=1in]{geometry}
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
```

* Overview

:PROPERTIES:

:CUSTOM_ID: overview

:END:

```
| Version:      | 0.0.1          |
| GPGME Version: | 1.13.0         |
| Author:       | Ben McGinnes <ben@gnupg.org> |
| Author GPG Key: | DB4724E6FA4286C92B4E55C4321E4E2373590E5D |
| Language:     | Australian English, British English |
```

The GPGME Python bindings passed through many hands and numerous phases before, after a fifteen year journey, coming full circle to return to the source. This is a short explanation of that journey.

**** In the beginning**

:PROPERTIES:

:CUSTOM_ID: in-the-begining

:END:

In 2002 John Goerzen released PyME; Python bindings for the GPGME module which utilised the current release of Python of the time and SWIG.^[fn:1] Shortly after creating it and ensuring it worked he stopped supporting it, though he left his work available on his Gopher site.

**** Keeping the flame alive**

:PROPERTIES:

:CUSTOM_ID: keeping-the-flame-alive

:END:

A couple of years later the project was picked up by Igor Belyi and actively developed and maintained by him from 2004 to 2008. Igor's whereabouts at the time of this document's creation are unknown, but the current authors do hope he is well. We're assuming (or hoping) that life did what life does and made continuing untenable.

**** Passing the torch**

:PROPERTIES:

:CUSTOM_ID: passing-the-torch

:END:

In 2014 Martin Albrecht wanted to patch a bug in the PyME code and discovered the absence of Igor. Following a discussion on the PyME mailing list he became the new maintainer for PyME, releasing version 0.9.0 in May of that year. He remains the maintainer of the original PyME release in Python 2.6 and 2.7 (available via PyPI).

**** Coming full circle**

:PROPERTIES:

:CUSTOM_ID: ouroboros

:END:

In 2015 Ben McGinnes approached Martin about a Python 3 version, while investigating how complex a task this would be the task ended up being completed. A subsequent discussion with Werner Koch led to the decision to fold the Python 3 port back into the original GPGME release in the languages subdirectory for non-C bindings under the module name of `=pyme3=`.

In 2016 this PyME module was integrated back into the GPGME project by Justus Winter. During the course of this work Justus adjusted the port to restore limited support for Python 2, but not as many minor point releases as the original PyME package supports. During the course of this integration the package was renamed to more accurately reflect its status as a component of GPGME. The `=pyme3=` module was renamed to `=gpg=` and adopted by the upstream GnuPG team.

In 2017 Justus departed G10code and the GnuPG team. Following this Ben returned to maintain of `gpgme` Python bindings and continue building them from that point.

* Relics of the past

:PROPERTIES:

:CUSTOM_ID: relics-past

:END:

There are a few things, in addition to code specific factors, such as SWIG itself, which are worth noting here.

** The Annoyances of Git

:PROPERTIES:

:CUSTOM_ID: the-annoyances-of-git

:END:

As anyone who has ever worked with git knows, submodules are horrible way to deal with pretty much anything. In the interests of avoiding migraines, that was skipped with addition of the PyME code to GPGME.

Instead the files were added to a subdirectory of the `=lang/=` directory, along with a copy of the entire git log up to that point as a separate file within the `=lang/python/docs/=` directory.[fn:2]

As the log for PyME is nearly 100KB and the log for GPGME is approximately 1MB, this would cause considerable bloat, as well as some confusion, should the two be merged.

Hence the unfortunate, but necessary, step to simply move the

files. A regular repository version has been maintained should it be possible to implement this better in the future.

**** The Perils of PyPI**

:PROPERTIES:

:CUSTOM_ID: the-perils-of-pypi

:END:

The early port of the Python 2 `pyme` module as `pyme3` was never added to PyPI while the focus remained on development and testing during 2015 and early 2016. Later in 2016, however, when Justus completed his major integration work and subsequently renamed the module from `pyme3` to `gpg`, some prior releases were also provided through PyPI.

Since these bindings require a matching release of the GPGME libraries in order to function, it was determined that there was little benefit in also providing a copy through PyPI since anyone obtaining the GPGME source code would obtain the Python bindings source code at the same time. Whereas there was the potential to sew confusion amongst Python users installing the module from PyPI, only to discover that without the relevant C files, header files or SWIG compiled binaries, the Python module did them little good.

There are only two files on PyPI which might turn up in a search for this module or a sample of its content:

1. `gpg` (1.8.0) - Python bindings for GPGME GnuPG cryptography library
2. `pyme` (0.9.0) - Python support for GPGME GnuPG cryptography library

***** GPG 180 - Python bindings for GPGME GnuPG cryptography library**

:PROPERTIES:

:CUSTOM_ID: pypi-gpgme-180

:END:

This is the most recent version to reach PyPI and is the version of the official Python bindings which shipped with GPGME 1.8.0. If you have GPGME 1.8.0 installed and `/only/` 1.8.0 installed, then it is probably safe to use this copy from PyPI.

As there have been a lot of changes since the release of GPGME 1.8.0, the GnuPG Project recommends not using this version of the module and instead installing the current version of GPGME along with the Python bindings included with that package.

```
*** PyME 090 - Python support for GPGME GnuPG cryptography library
:PROPERTIES:
:CUSTOM_ID: pypi-gpgme-90
:END:
```

This is the last release of the PyME bindings maintained by Martin Albrecht and is only compatible with Python 2, it will not work with Python 3. This is the version of the software from which the port from Python 2 to Python 3 code was made in 2015.

Users of the more recent Python bindings will recognise numerous points of similarity, but also significant differences. It is likely that the more recent official bindings will feel "more pythonic."

For those using Python 2, there is essentially no harm in using this module, but it may lack a number of more recent features added to GPGME.

* Footnotes

[fn:1] In all likelihood this would have been Python 2.2 or possibly Python 2.3.

[fn:2] The entire PyME git log and other preceding VCS logs are located in the =gpgme/lang/python/docs/old-commits.log= file.

```
# HACKING                                -*- org -*-
#+TITLE: Hacking notes for GPGME
#+STARTUP: showall
```

* How to contribute

** No more ChangeLog files

Do not modify any of the ChangeLog files in GPGME. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist" time. As such, there are strict requirements on the form of the commit log messages. The old ChangeLog files have all be renamed to ChangeLog-2011

** Commit log requirements

Your commit log should always start with a one-line summary, the second line should be blank, and the remaining lines are usually

ChangeLog-style entries for all affected files. However, it's fine -- even recommended -- to write a few lines of prose describing the change, when the summary and ChangeLog entries don't give enough of the big picture. Omit the leading TABs that you're used to seeing in a "real" ChangeLog file, but keep the maximum line length at 72 or smaller, so that the generated ChangeLog lines, each with its leading TAB, will not exceed 80 columns. If you want to add text which shall not be copied to the ChangeLog, separate it by a line consisting of two dashes at the begin of a line.

Note that ./autogen.sh installs a git hook to do some basic syntax checking on the commit log message.

Typo fixes and documentation updates don't need a ChangeLog entry; thus you would use a commit message like

```
#+begin_example
Fix typo in a comment

--
#+end_example
```

The marker line here is important; without it the first line would appear in the ChangeLog.

If you exceptionally need to have longer lines in a commit log you may do this after this scissor line:

```
#+begin_example
# ----- >8 -----
#+end_example
(hash, blank, 24 dashes, blank, scissor, blank, 24 dashes).
```

Note that such a comment will be removed if the git commit option `--cleanup-scissor=` is used.

**** License policy**

GPGME is currently licensed under the LGPLv2.1+ with tools and the manual being under the GPLv3+. We may eventually update to a newer version of the licenses or a combination of them. It is thus important, that all contributed code allows for an update of the license; for example we can't accept code under the LGPLv2(only).

If you want to contribute code or documentation to GPGME you are asked to assert that the contribution is in accordance to the "GPGME Developer's Certificate of Origin" as found in the file "DCO".

Except for a slight wording change, this DCO is identical to the one

used by the Linux kernel. Please take these simple steps:

- Decide which mail address you want to use. Please have your real name in the address and not a pseudonym. Anonymous contributions can only be done if you find a proxy who certifies for you.
- If your employer or school might claim ownership of code written by you; you need to talk to them to make sure that you have the right to contribute under the DCO.
- Send an OpenPGP signed mail to the `gnupg-devel@gnupg.org` public mailing list from your mail address. Include a copy of the DCO as found in the official master branch. Insert your name and email address into the DCO in the same way you want to use it later.
Example:

Signed-off-by: Joe R. Hacker <joe@example.org>

If you need it, you may perform simple transformations on the mail address: Replacing "@" by " at " or "." by " dot ".)

- That's it. From now on you only need to add a "Signed-off-by:" line with your name and mail address to the GIT commit message. It is recommended to send the patches using a PGP/MIME signed mail.

**** Coding standards**

Please follow the GNU coding standards. If you are in doubt consult the existing code as an example. Do no re-indent code without a need. If you really need to do it, use a separate commit for such a change.

- C99 syntax should not be used; stick to C90.
- Please do not use C++ `///
//` style comments.
- Try to fit lines into 80 columns.
- Ignore signed/unsigned pointer mismatches
- No arithmetic on void pointers; cast to `char*` first.

**** Commit log keywords**

- GnuPG-bug-id :: Values are comma or space delimited bug numbers from `bug.gnupg.org` pertaining to this commit.
- Debian-bug-id :: Same as above but from the Debian bug tracker.
- CVE-id :: CVE id number pertaining to this commit.
- Regression-due-to :: Commit id of the regression fixed by this commit.

- Fixes-commit :: Commit id this commit fixes.
- Reported-by :: Value is a name or mail address of a bug reporte.
- Suggested-by :: Value is a name or mail address of someone how suggested this change.
- Co-authored-by :: Name or mail address of a co-author
- Some-comments-by :: Name or mail address of the author of

additional comments (commit log or code).

- Proofread-by :: Sometimes used by translation commits.
- Signed-off-by :: Name or mail address of the developer

* Debug hints

- Use gpgme-tool for manual tests.
- The envvar GPGME_DEBUG enables debugging; see debug.[ch] for details.

Configuration files may go here. Note that config.h.in is auto-generated so that this file is not in git.

2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist". See doc/HACKING for details.

2011-04-06 Werner Koch <wk@g10code.com>

- * gpg-error.m4: Update from current libgpg-error repo.

2010-05-07 Werner Koch <wk@g10code.com>

- * libassuan.m4: Update from libassuan svn.

2009-11-10 Marcus Brinkmann <marcus@g10code.de>

- * libassuan.m4: Fix LIBASSUAN_VERSION.

2006-06-08 Marcus Brinkmann <marcus@g10code.de>

- * pth.m4: Add --all to pth-config invocation.

2006-02-22 Marcus Brinkmann <marcus@g10code.de>

- * pth.m4: Fix code generation (required for Max OS X). Submitted by Emanuele Giaquinta <exg@gentoo.org>.

2005-11-17 Marcus Brinkmann <marcus@g10code.de>

* glib-2.0.m4: New file.

2004-12-28 Werner Koch <wk@g10code.com>

* pth.m4: Changed quoting for use with automake 1.9.

2004-09-14

Marcus Brinkmann <marcus@g10code.de>

* pth.m4: Disable _ac_pth_line, and don't fail if Pth is not found.

* glibc21.m4: New file.

* gpg-error.m4: New file.

* pth.m4: New file.

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=====

By making a contribution to the GPGME project, I certify that:

(a) The contribution was created in whole or in part by me and I have the right to submit it under the free software license indicated in the file; or

(b) The contribution is based upon previous work that, to the best of my knowledge, is covered under an appropriate free software license and I have the right under that license to submit that work with modifications, whether created in whole or in part by me, under the same free software license (unless I am permitted to submit under a different license), as indicated in the file; or

(c) The contribution was provided directly to me by some other person who certified (a), (b) or (c) and I have not modified it.

(d) I understand and agree that this project and the contribution

are public and that a record of the contribution
(including
all personal information I submit with it, including my
sign-off) is maintained indefinitely and may be redistributed
consistent with this project or the free software license(s)
involved.

Signed-off-by: [Your name and mail address]
2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting
on December 1st, 2011 we put change information only in the GIT
commit log, and generate a top-level ChangeLog file from logs at
"make dist". See doc/HACKING for details.

2008-11-08 Moritz <moritz@gnu.org>

* gpgme.lisp (size-t): Wrong call to defctype: function accepts
optional, not keyword argument.
(ssize-t): Likewise.
(off-t): Likewise.
(gpgme-data-t, gpgme-ctx-t): Likewise.
(gpgme-error-t): Likewise.
(gpgme-error-no-signal-t): Likewise.
(gpgme-err-code-t): Likewise.
(gpgme-err-source-t): Likewise.
(gpgme-sig-notation-t, gpgme-engine-info-t): Likewise.
(gpgme-subkey-t): Likewise.
(gpgme-key-sig-t): Likewise.
(gpgme-user-id-t): Likewise.
(gpgme-key-t): Likewise.
(gpgme-data-cbs-t): Likewise.
(gpgme-invalid-key-t): Likewise.
(gpgme-op-encrypt-result-t): Likewise.
(gpgme-recipient-t): Likewise.
(gpgme-op-decrypt-result-t): Likewise.
(gpgme-new-signature-t):
Likewise.
(gpgme-op-sign-result-t): Likewise.
(gpgme-signature-t): Likewise.
(gpgme-op-verify-result-t): Likewise.
(gpgme-import-status-t): Likewise.
(gpgme-op-import-result-t): Likewise.
(gpgme-op-genkey-result-t): Likewise.
(gpgme-op-keylist-result-t): Likewise.

2006-07-06 Marcus Brinkmann <marcus@g10code.de>

* Initial release.

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-*- mode: org -*-

#+TITLE: What Was New in the GPGME Python Bindings and Documentation

#+AUTHOR: Ben McGinnes

#+LATEX_COMPILER: xelatex

#+LATEX_CLASS: article

#+LATEX_CLASS_OPTIONS: [12pt]

#+LATEX_HEADER: \usepackage{xltextra}

#+LATEX_HEADER: \usepackage[margin=1in]{geometry}

#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}

#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}

* What Was New

:PROPERTIES:

:CUSTOM_ID: new-stuff

:END:

Version:	0.0.1
GPGME Version:	1.13.0
Author:	Ben McGinnes <ben@gnupg.org>
Author GPG Key:	DB4724E6FA4286C92B4E55C4321E4E2373590E5D
Language:	Australian English, British English
xml:lang:	en-AU, en-GB, en

The following are all the past /What's New/ sections for the Python Bindings HOWTO and other documentation.

** What Was New in GPGME 1120

:PROPERTIES:

:CUSTOM_ID: gpgme-1-12-0

:END:

The most obviously new point for those reading this guide is this section on other new things, but thats hardly important. Not given all the other things which spurred the need for adding this section

and its subsections.

*** New in GPGME 1.12.0

:PROPERTIES:

:CUSTOM_ID: new-stuff-1-12-0

:END:

There have been quite a number of additions to GPGME and the Python bindings to it since the last release of GPGME with versions 1.11.0 and 1.11.1 in April, 2018.

The bullet points of new additions are:

- an expanded section on [\[\[file:gpgme-python-howto#installation\]\[installing\]\]](#) and [\[\[file:gpgme-python-howto#snafu\]\[troubleshooting\]\]](#) the Python bindings.
- The release of Python 3.7.0; which appears to be working just fine with our bindings, in spite of intermittent reports of problems for many other Python projects with that new release.
- Python 3.7 has been moved to the head of the specified python versions list in the build process.
- In order to fix some other issues, there are certain underlying functions which are more exposed through the [\[\[file:gpgme-python-howto#howto-get-context\]\[gpg.Context\(\)\]\]](#), but ongoing documentation ought to clarify that or otherwise provide the best means of using the bindings. Some additions to `=gpg.core=` and the `=Context()=`, however, were intended (see below).
- Continuing work in identifying and confirming the cause of oft-reported [\[\[file:gpgme-python-howto#snafu-runtime-not-funtime\]\[problems installing the Python bindings on Windows\]\]](#).
- GSOC: Google's Surreptitiously Ordered Conscriptio ... erm ... oh, right; Google's Summer of Code. Though there were two hopeful candidates this year; only one ended up involved with the GnuPG Project directly, the other concentrated on an unrelated third party project with closer ties to one of the GNU/Linux distributions than to the GnuPG Project. Thus the Python bindings benefited from GSOC participant Jacob Adams, who added the `key_import` function; building on prior work by Tobias Mueller.
- Several new methods functions were added to the `gpg.Context()`, including: [\[\[file:gpgme-python-howto#howto-import-key\]\[key_import\]\]](#), [\[\[file:gpgme-python-howto#howto-export-key\]\[key_export\]\]](#), [\[\[file:gpgme-python-howto#howto-export-public-key\]\[key_export_minimal\]\]](#) and [\[\[file:gpgme-python-howto#howto-export-secret-key\]\[key_export_secret\]\]](#).
- Importing and exporting examples include versions integrated with Marcel Fest's recently released [\[\[https://github.com/Selfnet/hkp4py\]\[HKP for Python\]\]](#) module. Some [\[\[file:gpgme-python-howto#hkp4py\]\[additional notes on this module\]\]](#) are included at the end of the HOWTO.
- Instructions for dealing with semi-walled garden implementations

like ProtonMail are also included. This is intended to make things a little easier when communicating with users of ProtonMail's services and should not be construed as an endorsement of said service. The GnuPG Project neither favours, nor disfavours ProtonMail and the majority of this deals with interacting with the ProtonMail keyserver.

- Semi-formalised the location where `[[file:gpgme-python-howto#draft-editions]]` of this HOWTO may periodically be accessible. This is both for the reference of others and testing the publishing of the document itself. Renamed this file at around the same time.
- The Texinfo documentation build configuration has been replicated from the parent project in order to make to maintain consistency with that project (and actually ship with each release).
- a reStructuredText (`=.rst=`) version is also generated for Python developers more used to and comfortable with that format as it is the standard Python documentation format and Python developers may wish to use it with Sphinx. Please note that there has been no testing of the reStructuredText version with Sphinx at all. The reST file was generated by the simple expedient of using `[[https://pandoc.org/]]` Pandoc].
-

Added a new section for `[[file:gpgme-python-howto#advanced-use]]` advanced or experimental use]].

- Began the advanced use cases with `[[file:gpgme-python-howto#cython]]` on using the module with `[[https://cython.org/]]` Cython]].
- Added a number of new scripts to the `=example/howto/=` directory; some of which may be in advance of their planned sections of the HOWTO (and some are just there because it seemed like a good idea at the time).
- Cleaned up a lot of things under the hood.

000

*H

010 UDE1!0U

Deutsches Forschungsnetz10UDFN-PCA1.0,U%DFN Top Level Certification Authority1!0 *H
certify@pca.dfn.de0

981029180310Z

011231180310Z010 UDE1!0U

Deutsches Forschungsnetz10UDFN-PCA1.0,U%DFN Top Level Certification Authority1!0 *H
certify@pca.dfn.de0"0

*H

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nskvS2r#iA4H|*/

:Sd;v

tD}L+~IWWD|eP&qH)

!1\p%,1.tlsmnQ,g-W)@\t<kvm5j(d)9M_KGQJ0:qTE 00 `HB0) `HBhttps://mystic.pca.dfn.de/0A

`HB42http://www.pca.dfn.de/dfnpca/policy/wwwpolicy.html08 `HB

+)The DFN Top Level Certification Authority0! `HBcgi/check-rev.cgi?0 `HB

dfnpca.crl0U00U0

*H

`^[:8!e7*%QC?:/JVgwPUB

OgGqjGVxl50%<`Pb18 z;t~r0U<A%3#l'8b"<iX"V!k"*Q8&hAPI"3 00KUb&Qq'46_{D[JZ!i<=T
/OF

Wenn Sie dies lesen können, ist es wohl nicht
geheim genug.

1.13.1

This is gpgme.info, produced by makeinfo version 6.3 from gpgme.texi.

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INFO-DIR-SECTION GNU Libraries

START-INFO-DIR-ENTRY

* GPGME: (gpgme). Adding support for cryptography to your program.

END-INFO-DIR-ENTRY

This file documents the GPGME library.

This is Edition 1.12.1-beta100, last updated 3 December 2018, of The
GnuPG Made Easy Reference Manual, for Version
1.12.1-beta100.

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gpgme.info-1: 1689

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End Tag Table

Local Variables:

coding: utf-8

End:

hkp4py

requests

\input texinfo @c *- texinfo *-

@c %**start of header

@setfilename what-was-new.info

@settitle What Was New in the GPGME Python Bindings and Documentation

@documentencoding utf-8

@documentlanguage en

@c %**end of header

@finalout

@titlepage

@title What Was New in the GPGME Python Bindings and Documentation

@author Ben McGinnes

@end titlepage

@contents

@ifnottex

@node Top

@top What Was New in the GPGME Python Bindings and Documentation

@end ifnottex

@menu

* What Was New::

@detailmenu

--- The Detailed Node Listing ---

What Was New

* What Was New in GPGME 1120::

What Was New in GPGME 1120

* New in GPGME 1120::

@end detailmenu

@end menu

@node What Was New

@chapter What Was New

@multitable {aaaaaaaaaaaaaa} {aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa}

@item Version:

@tab 0.0.1

@item GPGME Version:

@tab 1.13.0

@item Author:

@tab Ben McGinnes <ben@@gnupg.org>

@item Author GPG Key:

@tab DB4724E6FA4286C92B4E55C4321E4E2373590E5D

@item Language:

@tab Australian English, British English

@item

xml:lang:
@tab en-AU, en-GB, en
@end multitable

The following are all the past @emph{What's New} sections for the Python Bindings HOWTO and other documentation.

@menu
* What Was New in GPGME 1120::
@end menu

@node What Was New in GPGME 1120
@section What Was New in GPGME 1120

The most obviously new point for those reading this guide is this section on other new things, but thats hardly important. Not given all the other things which spurred the need for adding this section and its subsections.

@menu
* New in GPGME 1120::
@end menu

@node New in GPGME 1120
@subsection New in GPGME 1120

There have been quite a number of additions to GPGME and the Python bindings to it since the last release of GPGME with versions 1.11.0 and 1.11.1 in April, 2018.

The bullet points of new additiions are:

@itemize
@item
an expanded section on @uref{gpgme-python-howto#installation, installing} and @uref{gpgme-python-howto#snafu, troubleshooting} the Python bindings.

@item
The release of Python 3.7.0; which appears to be working just fine with our bindings, in spite of intermittent reports of problems for many other Python projects with that new release.

@item
Python 3.7 has been moved to the head of the specified python versions list in the build process.

@item
In order to fix some other issues, there are certain underlying functions which are more exposed through the @uref{gpgme-python-howto#howto-get-context, gpg.Context()}, but

ongoing documentation ought to clarify that or otherwise provide the best means of using the bindings. Some additions to `@samp{gpg.core}` and the `@samp{Context()}`, however, were intended (see below).

@item

Continuing work in identifying and confirming the cause of oft-reported `@uref{gpgme-python-howto#snafu-runtime-not-funtime}`, problems installing the Python bindings on Windows}.

@item

GSOC: Google's Surreptitiously Ordered Conscription `@dots{}` erm `@dots{}` oh, right; Google's Summer of Code. Though there were two hopeful candidates this year;

only one ended up involved with the GnuPG

Project directly, the other concentrated on an unrelated third party project with closer ties to one of the GNU/Linux distributions than to the GnuPG Project. Thus the Python bindings benefited from GSOC participant Jacob Adams, who added the `key@math{_import}` function; building on prior work by Tobias Mueller.

@item

Several new methods functions were added to the `gpg.Context()`, including: `@uref{gpgme-python-howto#howto-import-key}`, `key@math{_import}`, `@uref{gpgme-python-howto#howto-export-key}`, `key@math{_export}`, `@uref{gpgme-python-howto#howto-export-public-key}`, `key@math{_export}@math{_minimal}` and

`@uref{gpgme-python-howto#howto-export-secret-key}`, `key@math{_export}@math{_secret}`}.

@item

Importing and exporting examples include versions integrated with Marcel Fest's recently released `@uref{https://github.com/Selfnet/hkp4py}`, HKP for Python} module. Some `@uref{gpgme-python-howto#hkp4py}`, additional notes on this module} are included at the end of the HOWTO.

@item

Instructions for dealing with semi-walled garden implementations like ProtonMail are also included. This is intended to make things a little easier when communicating with users of ProtonMail's services and should not be construed as an endorsement of said service. The GnuPG Project neither favours, nor disfavours ProtonMail and the majority of this deals with interacting with the ProtonMail keyserver.

@item

Semi-formalised the location where `@uref{gpgme-python-howto#draft-editions}`, draft versions} of this HOWTO may

periodically be accessible. This is both for the reference of others and testing the publishing of the document itself. Renamed this file at around the same time.

@item

The Texinfo documentation build configuration has been replicated from the parent project in order to make to maintain consistency with that project (and actually ship with each release).

@item

a reStructuredText (`@samp{.rst}`) version is also generated for Python

developers more used

to and comfortable with that format as it is

the standard Python documentation format and Python developers may

wish to use it with Sphinx. Please note that there has been no

testing of the reStructuredText version with Sphinx at all. The

reST file was generated by the simple expedient of using [@uref{https://pandoc.org/}](https://pandoc.org/), Pandoc).

@item

Added a new section for [@uref{gpgme-python-howto#advanced-use}](#), advanced or experimental use}.

@item

Began the advanced use cases with [@uref{gpgme-python-howto#cython}](#), a section} on using the module with

[@uref{https://cython.org/}](https://cython.org/), Cython}.

@item

Added a number of new scripts to the [@samp{example/howto/}](#) directory;

some of which may be in advance of their planned sections of the

HOWTO (and some are just there because it seemed like a good idea at

the time).

@item

Cleaned up a lot of things under the hood.

@end itemize

@bye

Additional license notices for GPGME.

-*- org -*-

This file contains the copying permission notices for various files in

the GPGME distribution which are not covered by the GNU Lesser

General Public License (LGPL) or the GNU General Public License (GPL).

These notices all require that a copy of the notice be included

in the accompanying documentation and be distributed with binary

distributions of the code, so be sure to include this file along

with any binary distributions derived from the GNU C Library.

* MIT License

For files:

- cJSON.c, cJSON.h

#+begin_quote

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```
#+end_quote
# -*- mode: org -*-
#+TITLE: Maintenance Mode
#+AUTHOR: Ben McGinnes
#+LATEX_COMPILER: xelatex
#+LATEX_CLASS: article
#+LATEX_CLASS_OPTIONS: [12pt]
#+LATEX_HEADER: \usepackage{xltextra}
#+LATEX_HEADER: \usepackage[margin=1in]{geometry}
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}
```

```
* Maintenance Mode from 2019
:PROPERTIES:
:CUSTOM_ID: maintenance-mode
:END:
```

```
| Version:      | 0.0.1          |
| GPGME Version: | 1.13.0        |
| Author:       | Ben McGinnes <ben@gnupg.org> |
| Author GPG Key: | DB4724E6FA4286C92B4E55C4321E4E2373590E5D |
| Language:     | Australian English, British English |
| xml:lang:     | en-AU, en-GB, en |
```

From the beginning of 2019 the Python bindings to GPGME will enter maintenance mode, meaning that new features will not be added and only bug fixes and security fixes will be made.

This also means that documentation beyond that existing at the end of 2018 will not be developed further except to correct errors.

Though use of these bindings appears to have been quite well received, there has been no indication of what demand there is, if any for either financial backing of the current Python bindings development or support contracts with g10code GmbH citing the necessity of including the bindings.

```
** Maintainer from 2019 onward
:PROPERTIES:
:CUSTOM_ID: maintenance-mode-bm
:END:
```

How does this affect the position of GnuPG Python Bindings Maintainer?

Well, I will remain as maintainer of the bindings; but without funding for that position, the amount of time I will be able to dedicate solely to this task will be limited and reduced to volunteered time. As with all volunteered time and effort in free software projects, this will be subject to numerous external imperatives.

```
** Using the Python Bindings from 2019 and beyond
:PROPERTIES:
:CUSTOM_ID:
maintenance-mode-blade-runner
:END:
```

For most, if not all, Python developers using these bindings; they will continue to just work the same as they always have. Expansions of GPGME itself are usually handled by SWIG with the existing code and thus bindings are generated properly when the bindings are installed alongside GPGME and when the latter is built from source.

In the rare circumstances where that is not enough to address some new addition to GPGME, then that is a bug and thus subject to the maintenance mode provisions (i.e. it will be fixed following a bug report being raised and your humble author will need to remember where the timesheet template was filed, depending on how many years off such an event is).

All the GPGME functionality will continue to be accessible via the lower level, dynamically generated methods which match the GPGME C documentation. While the more intuitively Pythonic higher level layer already covers the vast majority of functionality people require with key generation, signatures, certifications (key signing), encryption, decryption, verification, validation, trust levels and so on.

Any wanted features lacking in the Python bindings are usually lacking because they are missing from GPGME itself (e.g. revoking keys via the API) and in such cases they are usually deliberately excluded. More discussion of these issues can be found in the archives of the [\[https://lists.gnupg.org/mailman/listinfo/gnupg-devel\]](https://lists.gnupg.org/mailman/listinfo/gnupg-devel) [\[gnupg-devel mailing list\]](#).

Any features existing in the dynamically generated layer for which people want a specific, higher level function included to make it more Pythonic (e.g. to avoid needing to learn or memorise cryptographic mode values or GnuPG status code numbers), would be a feature request and /not/ a bug.

It is still worthwhile requesting it, but the addition of such a feature would not be guaranteed and provided on a purely volunteer basis. Expediting such a request would require funding that request.

Those

with a commercial interest in expediting such a feature request already know how to [[<https://gnupg.org/cgi-bin/procdonate.cgi?mode=preset>][expedite it]] (use the message field to state what feature is being requested).

**** Documentation formats**

:PROPERTIES:

:CUSTOM_ID: docs

:END:

The documentation has been written in Org mode for GNU Emacs, with both Texinfo and reStructuredText formats generated from that. The Texinfo files are intended for use with the rest of the GnuPG documentation; while the reStructuredText files are intended for use with Docutils and Sphinx, as with other Python projects.

***** Cautionary Notes regarding Sphinx and EPUB**

:PROPERTIES:

:CUSTOM_ID: sphinx-made-epubs-suck

:END:

Though Python's Docutils in conjunction with Sphinx is capable of generating some very useful HTML sites, as proven by [[<https://readthedocs.org/>][Read the Docs]] and the [[<https://docs.python.org/>][Python documentation]], there are a number of output formats it does not

handle well. At the top of the list of things it manages to break so atrociously as to be embarrassing is the [[<http://idpf.org/epub/>][EPUB 3]] format.

The automatically generated EPUB of the CPython documentation always contains hundreds of validation errors and even the modest amount of documentation here [[<https://files.au.adversary.org.s3.amazonaws.com/crypto/gpgme-python/rst/epub/GPGMEPythonBindings.epub>][produced a file]] with approximately thirty validation errors. As the volume of documentation content increases, so does the induced errors. Whereas Texinfo doesn't produce EPUB

output at all, nor does Org-mode.

Should there ever be genuine demand for this format, lodge a [\[\[https://dev.gnupg.org/maniphest/task/edit/form/4/\]\]](https://dev.gnupg.org/maniphest/task/edit/form/4/) feature request]] case marked for [\[\[https://dev.gnupg.org/p/BenM/\]\]](https://dev.gnupg.org/p/BenM/) my]] attention. The means of generating such files flawlessly is already available, but is not yet part of the GnuPG build system. Nor is it integrated with a means of converting Org

mode input files to the relevant base format automatically, as can already be done when converting Org to reStructuredText or Org to Texinfo. As a certain amount of work would be required to get it done, there would need to be clear demand for that work to be done. Just GNU it!

```
(11:private-key(3:dsa(1:p129:eC_L&$2,6tx.gh1VirlqI9
,^g3.$DveUvX1'oIj)(1:q21: #UfK2z(tuVG)(1:g128:zu^Rab;qeQQA B?/6/aspfE/
gx!Mr0YY*oMrJc2xWG:.r6)(1:y128:Uf]j^@oEn4j#QrRq" RcEa E/}4C[3A
5+~~.#!+
)W&5dij)(1:x21:` )))
2011-12-02 Werner Koch <wk@g10code.com>
```

NB: ChangeLog files are no longer manually maintained. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist". See doc/HACKING for details.

2011-10-25 Marcus Brinkmann <marcus@g10code.com>

- * m4/pth.m4: Removed.
- * configure.ac: Remove check for pth and automake conditional HAVE_PTH.

2011-06-16 Marcus Brinkmann <marcus@g10code.com>

Release 1.3.1

- * configure.ac: Set LT version to C19/A8/R0.

2011-05-06 Marcus Brinkmann <marcus@g10code.com>

- * Makefile.am (SUBDIRS): Remove complus.
- * configure.ac (AC_CONFIG_FILES): Remove complus/Makefile. (BUILD_COMPLUS): Remove AM_CONDITIONAL.
- * complus/: Remove very old and stale component.
- * acinclude.m4 (GNUPG_FIX_HDR_VERSION): Remove.

2011-04-14 Werner Koch <wk@g10code.com>

* configure.ac: Require automake 1.11.

2011-04-06 Werner Koch <wk@g10code.com>

* autogen.sh (--build-w32):

Support option --build-w64.

* configure.ac (HAVE_W64_SYSTEM): Define.

(INSERT__TYPEDEFS_FOR_GPGME_H): New.

(GPGME_CONFIG_HOST): New.

2011-02-02 Marcus Brinkmann <mb@g10code.com>

* configure.ac (NEED_LIBASSUAN_VERSION): Bump to 2.0.2 for system hooks.

2010-12-30 Werner Koch <wk@g10code.com>

* configure.ac: Support a git revision.

2010-11-03 Werner Koch <wk@g10code.com>

* configure.ac (AC_CHECK_HEADERS): Check for sys/types.h and
sys.stat.h.

2010-11-02 Werner Koch <wk@g10code.com>

* configure.ac (AC_CHECK_HEADERS): Check for sys.time.h.

2010-08-19 Werner Koch <wk@g10code.com>

* configure.ac (AH_BOTTOM): Define GPG_ERR_ENABLE_ERRNO_MACROS.

2010-05-12 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Check for setlocale.

2010-05-07 Werner Koch <wk@g10code.com>

* configure.ac: Change checks to always require libassuan.

2010-05-07 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh: Update the thing.

* configure.ac: Check for locale.h.

2010-05-06

Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Detect Windows CE.
(HAVE_W32CE_SYSTEM): New symbol and automake conditional.
* ltmain.sh, m4/libtool.m4: Patch so that it works for Windows CE.

* configure.ac: Require libgpg-error 1.8.

2010-03-15 Werner Koch <wk@g10code.com>

* configure.ac (emacs_local_vars_begin)
(emacs_local_vars_read_only, emacs_local_vars_end): New.

2010-01-22 Werner Koch <wk@g10code.com>

* autogen.sh (--build-w32): Add --with-libassuan-prefix.

2010-01-11 Marcus Brinkmann <marcus@g10code.de>

Release 1.3.0.

2009-12-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Do not use echo -n. Test for __thread.

2009-12-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Make largefile check more robust.

2009-12-10 Werner Koch <wk@g10code.com>

* configure.ac: Check for getgid and getegid.

2009-12-08 Marcus Brinkmann <marcus@g10code.de>

Update to libtool 2.2.6a.
* configure.ac: Invoke AC_CONFIG_MACRO_DIR.
(AC_LIBTOOL_WIN32_DLL,
AC_LIBTOOL_RC): Replace by ...
(LT_PREREQ, LT_INIT, LT_LANG): ... these.
* config.guess, config.sub, install-sh, ltmain.sh, m4/libtool.m4:
Updated to libtool 2.2.6a.
* m4/ltoptions.m4, m4/ltsugar.m4, m4/ltversion.m4,
m4/lt~obsolete.m4: New files from libtool 2.2.6a.

2009-11-10 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Activate UI Server if FD passing is enabled and

Assuan is available.

2009-10-30 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Check for argp.h and error_t.

2009-10-26 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (NEED_GPG_VERSION_DEFAULT): Bump to 1.4.0 as 1.3.0 was development versions only.

2009-10-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add support for G13.

2009-10-20 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_CONFIG_FILES): Remove assuan/Makefile.

2009-10-20 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Replace internal libassuan by external libassuan.

* m4/libassuan.m4:

New file.

* Makefile.am (assuan): Remove variable.

(SUBDIRS): Remove \${assuan}.

* assuan/: Removed.

2009-06-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add AC_TYPE_UINTPTR_T.

* assuan/assuan.h [_ASSUAN_IN_GPGME_BUILD_ASSUAN]: Declare _gpgme_io_connect.

2009-06-18 Marcus Brinkmann <marcus@g10code.de>

Released GPGME 1.2.0.

* configure.ac (my_version): Set to 1.2.0.

(LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump.

(LIBGPGME_LT_REVISION): Reset.

2009-05-05 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add infrastructure for compile time check of _FILE_OFFSET_BITS.

2009-04-19 Moritz <moritz@gnu.org>

* Makefile.am (DISTCHECK_CONFIGURE_FLAGS): Specify --with-gpg.

2009-03-06 Marcus Brinkmann <marcus@g10code.de>

* assuan/: Update to libassuan SVN 2009-03-06.

2009-01-26 Werner Koch <wk@g10code.com>

* configure.ac (AC_CONFIG_FILES): Add tests/opassuan/Makefile.

2008-12-08 Marcus Brinkmann <marcus@g10code.de>

Release GPGME

1.1.8.

* configure.ac: Bump API revision.

2008-11-03 Marcus Brinkmann <marcus@g10code.com>

* configure.ac: Replace gpgme paths with src.

* gpgme: Move to ...

* src: ... this new directory.

2008-10-20 Werner Koch <wk@g10code.com>

* configure.ac (AC_CONFIG_FILES): Add gpgme.h.

(GNUPG_FIX_HDR_VERSION): Remove.

2008-10-17 Marcus Brinkmann <marcus@g10code.com>

Release GPGME 1.1.7.

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

2008-09-19 Moritz <moritz@gnu.org>

* configure.ac: Remove bogus "esac".

2008-09-16 Marcus Brinkmann <marcus@g10code.com>

* configure.ac (_XOPEN_SOURCE) [apple-darwin]: Define it.

2008-07-04 Werner Koch <wk@g10code.com>

* config.guess, config.sub: Update to 2007-11-19. Also update missing et al scripts.

2008-04-01 Werner Koch <wk@g10code.com>

- * configure.ac (AC_INIT): Fix quoting.

2008-01-30 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac: Bump required version of automake up to 1.10.
- * autogen.sh: Fix
aclocal check.

2008-01-04 Marcus Brinkmann <marcus@g10code.de>

Release GPGME 1.1.6.

- * configure.ac: Support gpgconf.

2007-09-27 Marcus Brinkmann <marcus@g10code.de>

- * assuan-pipe-connect.c (pipe_connect_gpgme): Do not close process
handle here. Use this function also on Unix systems.

- * assuan-pipe-connect.c (pipe_connect_gpgme): Fix last change.

- * assuan-pipe-connect.c (pipe_connect_gpgme): New function, use it
if _ASSUAN_IN_GPGME_BUILD_ASSUAN.

2007-09-17 Werner Koch <wk@g10code.com>

- * configure.ac: Use the svn version magic.

2007-09-07 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac: Check for C++, Qt and support --enable-w32-qt.
- * m4/pkg.m4: New file.

2007-08-21 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac (--enable-w32-glib): Use --enableval, not
--withval.

2007-07-16 Marcus Brinkmann <marcus@g10code.de>

- * assuan/assuan-socket.c (_assuan_close): Always use close().
- * assuan/assuan.h (_gpgme_io_close): New prototype.
(close): New
macro, define as _gpgme_io_close.

2007-07-13 Marcus Brinkmann <marcus@g10code.de>

* assuan/assuan-io.c (_assuan_simple_read, _assuan_simple_write):
Always use read/write (which means _gpgme_io_read and
_gpgme_io_write).

2007-07-09 Marcus Brinkmann <marcus@g10code.de>

Released 1.1.5.

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

2007-07-08 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (GPGSM_DEFAULT) [*-mingw32*]: Initialize it.
(HAVE_ASSUAN_H): Set to 1 if we have it.
(funopen): Use AC_REPLACE_FUNCS.
(USE_DESCRIPTOR_PASSING): Define to 1 if we have it. Do not
define it at all if we don't.
(NETLIBS) [have_w32_system]: Add -lws2_32.
(DIRSEP_C, DIRSEP_S, EXPSEP_C, EXPSEP_S, PATHSEP_S)
[HAVE_DOSISH_SYSTEM]: Remove definitions.

* assuan/assuan.h (_assuan_funopen): Define to _gpgme_funopen.
* assuan/funopen.c: Move to ../gpgme/funopen.c.
* assuan/Makefile.am (libassuan_la_SOURCES): Remove funopen.c.

2007-07-04 Marcus Brinkmann <marcus@g10code.de>

*
assuan/Makefile.am (INCLUDES): Include \$(top_srcdir)/gpgme.
* assuan/assuan.h: Include <ath.h> instead of trying to duplicate
the definitions.

* assuan/: Update files to 2007-07-04 version of assuan.

* autogen.sh: Use = not == in test.

2007-03-05 Werner Koch <wk@g10code.com>

Released 1.1.4.

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

* autogen.sh: New option --force.

2007-01-29 Marcus Brinkmann <marcus@g10code.de>

Released 1.1.3.

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

2007-01-26 Werner Koch <wk@g10code.com>

* configure.ac: Changed gpg and gpgsm version checks to work with arbitrary names of the gpg binary. New option --disable-gpg-test and --disable-gpgsm-test.

2007-01-09 Werner Koch <wk@g10code.com>

* configure.ac (NEED_GPG_VERSION, NEED_GPGSM_VERSION): Must define after it may have been changed by an option.

2007-01-08 Werner Koch <wk@g10code.com>

* configure.ac: Require gpg-error 1.4 due to the use of gpg_error_from_syserror.
(HAVE_ASSUAN_H):
New.

2007-01-05 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add options --with-gpg-version and --with-gpgsm-version to allow overriding the minimum version requirements.

2006-12-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Fix two typos in last change.

2006-12-03 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Use descriptor passing only if --enable-fd-passing is provided.

* configure.ac: Add check for use of descriptor passing.

2006-11-29 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (NEED_GPG_VERSION): Bump to 1.3.0.

2006-09-19 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Turn stpcpy into a replacement function.
Check for unistd.h and add setenv as replacement function.

2006-07-29 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Check for network libraries and set NETLIBS.

2006-07-06 Marcus Brinkmann <marcus@g10code.de>

* lang, lang/cl: New subdirectories.

*

lang/Makefile.am, lang/README: New files.

* configure.ac (AC_CONFIG_FILES): Add lang/Makefile,
lang/cl/Makefile and lang/cl/gpgme.asd.

* Makefile.am (SUBDIRS): Add lang.

2006-03-02 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

2006-02-22 Marcus Brinkmann <marcus@g10code.de>

Released 1.1.1.

* configure.ac (LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump for
release.

(LIBGPGME_LT_REVISION): Reset to 0 for release.

2006-01-05 Werner Koch <wk@g10code.com>

* configure.ac: Test for inline feature.

(AH_BOTTOM): New to define the pure attribute.

2006-01-03 Werner Koch <wk@g10code.com>

* configure.ac: Append SVN revision to the version.

2005-11-18 Werner Koch <wk@g10code.com>

* configure.ac (BUILD_REVISION): New.

2005-11-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add support for --enable-w32-glib (disabled by
default). Invoke AM_PATH_GLIB_2_0.

2005-11-16 Werner Koch <wk@g10code.com>

* configure.ac

(CFLAGS) [W32]: Make sure that -mms-bitfields are used.

2005-11-15 Werner Koch <wk@g10code.com>

- * configure.ac: Create BUILD_FILEVERSION from SVN Revision.
- * autogen.sh [W32]: Build shared and static versions of the library.

2005-10-20 Marcus Brinkmann <marcus@g10code.de>

- * w32-dll/ChangeLog, w32-dll/build-dll, w32-dll/gpgme.def: Remove files.
- * configure.ac: Instead checking for windres and dlltool, invoke AC_LIBTOOL_WIN32_DLL and AC_LIBTOOL_RC.
- * src/Makefile.am [HAVE_W32_SYSTEM]: Use libtool, which simplifies the rules.

2005-10-01 Marcus Brinkmann <marcus@g10code.de>

Released 1.1.0.

- * configure.ac (LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump for release.
- (LIBGPGME_LT_REVISION): Reset to 0 for release.

2005-09-12 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac (HAVE_PTH): Don't add \$PTH_CFLAGS to \$CFLAGS here.

2005-08-26 Werner Koch <wk@g10code.com>

- * configure.ac (SEPCONSTANTS): New to define DIRSEP_C et al.

2005-08-19 Werner Koch <wk@g10code.com>

- * configure.ac [W32]: Create values for versioninfo.rc and list substitute versioninfo.rc.
- * configure.ac: Define ENABLE_GPGSM.

2005-08-08 Werner Koch <wk@g10code.com>

- * configure.ac (stpcpy): Changed from replace to test.

2005-03-24 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac (AH_BOTTOM): Removed.

2005-03-09 Werner Koch <wk@g10code.com>

* acinclude.m4 (GNUPG_CHECK_VA_COPY): Assume no when cross-compiling.

* Makefile.am (EXTRA_DIST): Include autogen.sh

* autogen.sh: Added the usual code to build for W32 (--build-w32).

* configure.ac: Fixed the mingw32 host string, removed OS/2 stuff.

(HAVE_DRIVE_LETTERS): Removed.

(HAVE_W32_SYSTEM): Added.

(AC_GNU_SOURCE): New to replace the identical AH_VERBATIM.

(AH_BOTTOM): Added.

2004-12-28 Werner Koch <wk@g10code.com>

Released 1.0.2.

* Makefile.am (AUTOMAKE_OPTIONS): Build bzip 2 version.

(ACLOCAL_AMFLAGS): Add -I m4.

* configure.ac: Require automake 1.9.3 and autoconf 2.59.

* acinclude.m4:

Changed quoting for automake 1.9.

* README: Use SHA1 instead of MD5.

2004-12-11 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Replace ttyname_r if it doesn't exist (and warn in that case).

2004-12-07 Marcus Brinkmann <marcus@g10code.de>

* README: Refer to COPYING.LESSER and "each file" instead of COPYING.

* COPYING.LESSER: New file.

* gpgme.spec.in (%doc): Add COPYING.LESSER.

* acinclude.m4, configure.ac, Makefile.am: Change license to LGPL 2.1 or later.

* TODO: Add copyright notice.

* README.CVS: Likewise.

* configure.ac (GPGSM_VERSION): Fix filter to get it.

2004-10-22 Marcus Brinkmann <marcus@g10code.de>

Released 1.0.1.

* configure.ac (LIBGPGME_LT_REVISION): Bump up to 2.

(AC_INIT): Set version to 1.0.1.

* configure.ac: Set HAVE_GPGSM to true only if \$GPGSM is not "no".

2004-09-30 Marcus Brinkmann <marcus@g10code.de>

Released 1.0.0.

* configure.ac (LIBGPGME_LT_REVISION): Bump up to 1.
(AC_INIT): Set version to 1.0.0.

* Makefile.am
(EXTRA_DIST): Remove README-alpha.
* README-alpha: Remove file.

2004-09-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Disable AC_CONFIG_MACRO_DIR for now.

2004-09-14 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Improve diagnostics with version check.

* configure.ac: Print diagnostics about found thread libraries at
the end. Check for the versions of GPG and GPGSM and print the
found versions at the end.
(HAVE_GPGSM): Do not require GPGSM to exist and be readable.
(AC_CONFIG_MACRO_DIR): Invoke with argument m4.

* acinclude.m4: Add copyright notice.
(jm_GLIBC21, AM_PATH_GPG_ERROR, _AC_PTH_ERROR, _AC_PTH_VERBOSE,
AC_CHECK_PTH): Removed.

2004-06-23 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Check for <sys/uio.h>.

2004-06-08 Marcus Brinkmann <marcus@g10code.de>

Released 0.9.0.

* configure.ac (AC_INIT): Set version number to 0.9.0.
(LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump up by one.
(LIBGPGME_LT_REVISION): Reset to zero.

2004-05-21

Marcus Brinkmann <marcus@g10code.de>

* configure.ac (GPGME_CONFIG_API_VERSION): New variable,

substitute it.

2004-04-29 Marcus Brinkmann <marcus@g10code.de>

Released 0.4.7.

* configure.ac (LIBGPGME_LT_REVISION): Bump it up.

2004-04-02 Thomas Schwinge <schwinge@nic-nac-project.de>

* autogen.sh: Added ACLOCAL_FLAGS.

2004-04-06 Werner Koch <wk@gnupg.org>

Released 0.4.6.

* config.guess, config.sub, ltmain.sh: Updated to those from libtools 1.5.4.

2004-03-07 Marcus Brinkmann <marcus@g10code.de>

Released 0.4.5.

* configure.ac (NEED_GPGSM_VERSION): Bump up to 1.9.6.

* Makefile.am (EXTRA_DIST): Remove autogen.sh and README.CVS.

2004-02-18 Werner Koch <wk@gnupg.org>

* configure.ac: Make the check for funopen fail with just a warning.

2004-02-11 Werner Koch <wk@gnupg.org>

* autogen.sh (check_version): Removed bashism and simplified.

2004-02-10 Werner Koch <wk@gnupg.org>

* configure.ac: Fixed funopen test change.

2004-02-06 Moritz Schulte
<mo@g10code.com>

* configure.ac: Fix funopen replacement mechanism.

2004-01-31 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add invocation of AC_SYS_LARGEFILE, AC_TYPE_OFF_T

and AC_FUNC_FSEEKO.

2004-01-12 Werner Koch <wk@gnupg.org>

Released 0.4.4.

- * configure.ac: Bumbed LT_Revision; now at C12/A1/R1.
- (NEED_GPGSM_VERSION): Set to 1.9.3.
- (min_automake_version): Added.
- * README.CVS: New.
- * Makefile.am (EXTRA_DIST): Added README.CVS.
- * autogen.sh: Updated.

2003-11-19 Werner Koch <wk@gnupg.org>

- * acinclude.m4: Add AM_PATH_GPG_ERROR.
- * configure.ac: Check for timegm. Made warning messages more prominent.

2003-10-06 Marcus Brinkmann <marcus@g10code.de>

Released 0.4.3.

- * configure.ac (LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump up by 1.
- (LIBGPGME_LT_REVISION): Set to 0.

2003-09-13 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac: Require libgpg-error 0.5.
- * acinclude.m4: Remove libtool cruft, add jm_GLIBC21.
- * configure.ac: Add check for
getenv_r, and call jm_GLIBC21.
Define HAVE_THREAD_SAFE_GETENV if appropriate.

2003-09-03 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac: Remove GPGME_CONFIG_LIBS and GPGME_CONFIG_CFLAGS.

2003-09-02 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac: Move invocation of AC_CANONICAL_HOST up to
suppress warning by autoconf.

2003-08-30 Robert Schiele <rschiele@uni-mannheim.de>

- * gpgme.spec.in: %{_infodir}/dir is not packaged,
remove to prevent checking failure.

2003-08-18 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: If building Assuan, check for funopen and fopencookie, and make isascii, putc_unlocked and memrchr replacement functions.

(AM_PATH_GPG_ERROR); Require 0.3.

2003-07-31 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT): Bump version to 0.4.3.

2003-07-30 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (LIBGPGME_LT_REVISION): Bump up to 1.

Released 0.4.2.

2003-07-08 Marcus Brinkmann <marcus@g10code.de>

* configure.ac:

Complain if libgpg-error is not found.

2003-06-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT): Bump version to 0.4.2.

2003-06-06 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (LIBGPGME_LT_CURRENT): Bump up to 11.

* configure.ac: Use AM_PATH_GPG_ERROR.

* configure.ac: Check for libgpg-error. Define GPG_ERR_SOURCE_DEFAULT.

2003-05-26 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (NEED_GPG_VERSION): Bump up to 1.2.2.

2003-05-18 Marcus Brinkmann <marcus@g10code.de>

In all files, replace the Gpgme* type names with the new gpgme_* type names.

2003-02-01 Marcus Brinkmann <marcus@g10code.de>

* assuan/: Update files to 2002-11-10 version of assuan.

2003-01-29 Marcus Brinkmann <marcus@g10code.de>

* bonobo/gpgme.c, bonobo/main.c, bonobo/main.h, bonobo/Makefile,
bonobo/Makefile.am, bonobo/Makefile.in: Dead files removed.

* configure.ac: Remove automake conditional BUILD_BONOBO
(AC_CONFIG_FILES): Remove bonobo/Makefile.

*

Makefile.am (bonobo): Remove variable.
(SUBDIRS): Remove \${bonobo}.

* configure.ac: Remove all uses of GNUPG_CHECK_TYPEDEF, for byte,
ushort, ulong, u16 and u32.

* acinclude.m4 (GNUPG_CHECK_TYPEDEF): Remove macro.

2002-12-24 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: New conditional HAVE_LD_VERSION_SCRIPT.
Call AC_CANONICAL_HOST, use host instead target.

2002-12-23 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Bump up to 0.4.1.

Released 0.4.0.

2002-12-23 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh (automake_vers): Require 1.7 (really 1.7.1) for the
conditional source distribution bug fix.

2002-12-08 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (LIBGPGME_LT_CURRENT): Increase by one.
(LIBGPGME_LT_AGE, LIBGPGME_LT_REVISION): Set to 0.

2002-11-28 Marcus Brinkmann <marcus@g10code.de>

* NEWS: Add note about moving "gpgmeplug" to the "cryptplug"
package.

* README: Remove instructions related to "gpgmeplug".

* configure.ac:

Remove enable option "gpgmeplug" and automake
conditional BUILD_GPGMEPLUG, as well as the status info about it.
(GPGMEPLUG): Remove variable.

* Makefile.am (gpgmeplug): Remove variable.

(SUBDIRS): Remove \${gpgmeplug}.

* cryptplug.h, gpgme-openpgp.c, gpgmeplug.dox, gpgme-smime.c,

Makefile.am, gpgmeplug.c, ChangeLog: Files removed.

2002-11-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Disable GPGSM for all dosish systems.

2002-10-12 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add automake conditional HAVE_GPGSM.

2002-10-08 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT): Bump version up to 0.4.0.

(NEED_GPG_VERSION): Bump up to 1.2.0.

(NEED_GPGSM_VERSION): Bump up to 0.9.0.

* README: Update version numbers.

* NEWS: Start entry for 0.4.0.

2002-09-20 Werner Koch <wk@gnupg.org>

Released 0.3.11.

* configure.ac: Bump up LIBGPGME_LT_REVISION.

* configure.ac (AC_CHECK_HEADERS): Check for sys/select.h.

2002-09-04 Marcus Brinkmann

<marcus@g10code.de>

* autogen.sh (autoconf_vers): Bump up to 2.53 to get the @&t@
quadrigraph. Always cutting the edge!

2002-09-02 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Create and substitute LTLIBOBJS.

2002-09-02 Marcus Brinkmann <marcus@g10code.de>

Released 0.3.10.

* NEWS: Update for 0.3.9 release.

* configure.ac: Bump up LIBGPGME_LT_REVISION.

2002-08-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.spec.in: Changed user name in Wojciech Polak's email
address from ghostface to polak per request by himself.

2002-08-28 Werner Koch <wk@gnupg.org>

- * acinclude.m4 (GNUPG_CHECK_VA_COPY): New.
- * configure.ac: Use it.

2002-08-23 Werner Koch <wk@gnupg.org>

- * configure.ac (GPGME_CONFIG_CFLAGS): Renamed from GPGME_CFLAGS and removed the libpath because it is set by the config script.

2002-08-21 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac: Bump version number to 0.3.10.
- * NEWS: Add template for development version.

2002-08-21

Marcus Brinkmann <marcus@g10code.de>

Released 0.3.9.

- * NEWS: Update for 0.3.9 release.
- * Makefile.am (EXTRA_DIST): Add gpgme.spec.in.

2002-08-21 Marcus Brinkmann <marcus@g10code.de>

- * jnlib/argparse.c, jnlib/argparse.h, jnlib/ChangeLog, jnlib/dotlock.c, jnlib/dotlock.h, jnlib/libjnlib-config.h, jnlib/logging.c, jnlib/logging.h, jnlib/Makefile.am, jnlib/mischelp.h, jnlib/README, jnlib/stringhelp.c, jnlib/stringhelp.h, jnlib/strlist.c, jnlib/strlist.h, jnlib/types.h, jnlib/xmalloc.c, jnlib/xmalloc.h: Remove files.

2002-08-21 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (SUBDIRS): Remove jnlib.
- * configure.ac: Don't check for unsigned short or unsigned long. Don't check for memicmp, strlwr, strtoul, memmove, stricmp. Make stpcpy a replaced function. Don't define HAVE_JNLIB_LOGGING. Don't generate jnlib/Makefile.

2002-07-02 Werner Koch <wk@gnupg.org>

- * configure.ac: Bumped version number to 0.3.9; add a comment on when to change it.
- * gpgme.spec.in:

New. Contributed by Wojciech Polak.

* Makefile.am (dist-hook): New.

* AUTHORS: Added Wojciech and bug reporting addresses.

2002-06-25 Werner Koch <wk@gnupg.org>

Released 0.3.8.

* configure.ac: Bumbed LT version to 9/3/0.

(NEED_GPGSM_VERSION): Need 0.3.8 due to fixed export command.

2002-06-04 Marcus Brinkmann <marcus@g10code.de>

Released 0.3.7.

* configure.ac (AC_INIT): Set version to 0.3.7.

(LIBGPGME_LT_REVISION): Add one.

* README: Document version requirement correctly.

2002-06-02 Marcus Brinkmann <marcus@g10code.de>

* acinclude.m4: Fix Pth check so that it doesn't error out if pth is not found.

2002-06-02 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add checks for Pth and pthreads.

* acinclude.m4: Add slightly hacked check for pth (seems to be an autoconf version problem).

2002-05-21 Werner Koch <wk@gnupg.org>

* configure.ac (NEED_GPGSM_VERSION): We need gpgsm 0.3.7.

2002-05-03 Werner Koch <wk@gnupg.org>

Released 0.3.6.

2002-04-05

Marcus Brinkmann <marcus@g10code.de>

* acconfig.h: File removed.

* configure.ac (NEED_GPG_VERSION): Add description.

(NEED_GPGSM_VERSION): Likewise.

(HAVE_DOSISH_SYSTEM): Likewise.

(HAVE_DRIVE_LETTERS): Likewise.

(GPG_PATH): Likewise.

(GPGSM_PATH): Likewise.

* acinclude.m4 (GNUPG_CHECK_TYPEDEF): Likewise.

2002-04-01 Werner Koch <wk@gnupg.org>

Released 0.3.5.

2002-03-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add automake conditional HAVE_DOSISH_SYSTEM.

2002-03-04 Werner Koch <wk@gnupg.org>

* configure.ac: Bumbed version to 0.3.4-cvs to continue development.

Released 0.3.4.

* configure.ac: Bumbed LT version numbers to (7,1,0), requires
gpgsm 0.3.1.

2002-03-03 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT): Change version number to snapshot CVS
version.

2002-02-13 Werner Koch <wk@gnupg.org>

* configure.ac (vasprintf,fopencookie): Add checks.

2002-02-12 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT):

Bump version to 0.3.3.

* jnlib/Makefile.am: Revert to older version that includes xmalloc
but not dotlock and some other files. Reported by Stphane
Corthsy.

2002-02-10 Marcus Brinkmann <marcus@g10code.de>

* Released 0.3.2.

* configure.ac (AC_INIT): Bump version to 0.3.2.

* jnlib/libjnlibconfig.h: Revert to older version that doesn't
expect libgcrypt. Reported by Jose Carlos Garcia Sogo
<jsogo@debian.org>.

2002-02-09 Marcus Brinkmann <marcus@g10code.de>

* Released 0.3.1.

* configure.ac (LIBGPGME_LT_CURRENT): Bump it up to 6!
(NEED_GPGSM_VERSION): Bump it up to 0.3.0!
(AC_INIT): Bump version to 0.3.1

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (HAVE_JNLIB_LOGGING): Define always for assuan.

2001-12-19 Werner Koch <wk@gnupg.org>

* configure.ac (VERSION,PACKAGE): Defined and subst. Used for
AM_INIT_AUTOMAKE and moved all version number more to the top.

2001-12-18 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh (libtool_vers):
Bump to 1.4.

* configure.ac (LIBGPGME_LT_CURRENT): Increment.
(LIBGPGME_LT_AGE): Reset.
Improve comment.
Fix wrong comment character.

2001-12-18 Werner Koch <wk@gnupg.org>

* acinclude.m4 (GNUPG_FIX_HDR_VERSION): Fixed for new automake.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (GPG): Substitute this variable.
(GPGSM): Likewise.

2001-11-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_CONFIG_FILES): Add tests/gpg/Makefile and
tests/gpgsm/Makefile.

2001-11-21 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (gpgmeplug): New variable, set to gpgmeplug if
[BUILD_GPGMEPLUG].
* configure.ac (AC_CONFIG_FILES): Add gpgmeplug/Makefile.
Support --enable-gpgmeplug.

2001-11-21 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh: Tighten version dependencies.

2001-11-20 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (SUBDIRS): Support building the assuan library (currently if GPGSM_PATH is set)..

* configure.ac: Support building the assuan library.

* assuan: New directory, populated with the Assuan library (copied from the newpg repository).

2001-11-20 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (NEED_GPGSM_VERSION): New variable. Treat it similarly to NEED_GPG_VERSION.

* acconfig.h: Likewise.

2001-11-18 Marcus Brinkmann <marcus@g10code.de>

* configure.in: Renamed to ...

* configure.ac: ... this. Update to autoconf 2.52. Lots of small changes in the transition. Support --with-gpg=PATH and --with-gpgsm=PATH options. Check if test suites can be run.

* acconfig.h: Add GPGSM_PATH.

* Makefile.am: New variable `tests', set to `tests' if RUN_GPG_TESTS.

(SUBDIRS): Replace string `tests' with variable `tests'.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh: Invoke automake with `-a' (add missing files). Do not invoke configure.

2001-09-17 Werner Koch <wk@gnupg.org>

Released 0.2.3.

* configure.in (NEED_GPG_VERSION): Set to 1.0.6. Incremented LT current and age.

* Makefile.am (SUBDIRS): Add doc

2001-06-12 Werner Koch <wk@gnupg.org>

Released 0.2.2.

2001-04-05 Werner Koch <wk@gnupg.org>

* configure.in (NEED_GPG_VERSION): Set to 1.0.4g

2001-04-02 Werner Koch <wk@gnupg.org>

Released 0.2.1.

Changed the copyright notices all over the place.

2001-02-28 Werner Koch <wk@gnupg.org>

Released 0.2.0.

2001-01-18 Werner Koch <wk@gnupg.org>

* autogen.sh: Added option --build-w32.

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2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting
on December 1st, 2011 we put change information only in the GIT
commit log, and generate a top-level ChangeLog file from logs at
"make dist". See doc/HACKING for details.

2011-05-11 Marcus Brinkmann <marcus@g10code.com>

* gpgsm/Makefile.am (DISTCLEANFILES): Move to ...
(CLEANFILES): ... here.
(clean-local): New rule.
* gpg/Makefile.am (DISTCLEANFILES): Move to ...
(CLEANFILES): ... here.

2011-05-05 Marcus Brinkmann <marcus@g10code.com>

* gpg/Makefile.am: Unset GPG_AGENT_INFO when setting up local
configuration.

(clean-local): Shut down local gpg-agent.

2011-05-04 Marcus Brinkmann <marcus@g10code.com>

* gpg/t-import.c (check_result): Complete secret key pair counting and disable status check, as GPG 2.1 currently emits two IMPORT_OK lines and we only look at the first.

2011-04-27 Marcus Brinkmann <marcus@g10code.com>

* gpg/Makefile.am (DISTCLEANFILES):
Add S.gpg-agent.
(mkdemodirs, ./Alpha/Secret.gpg): Remove targets.
(GNUPGHOME): Export as absolute build directory (for gpg-agent).
(./pubring.gpg): Remove --homedir option, import secdemo.asc.
(clean-local): Rewrite.
* gpg/secdemo.asc: New file.
* gpg/pubkey-1.asc, gpg/seckey-1.asc: Change passphrase to "abc" (now needed as GnuPG 2.1 asks for secret key passphrase on import).
* gpg/t-keylist.c (keys): Update key info for Joe Random Hacker.
(main): Disable check for can_encrypt, as this is now in a different subkey.
* gpg/t-encrypt-sign.c (check_result): Allow RMD160 hash algorithm.
* gpg/t-import.c (check_result): One secret key pair now counts as two secret keys, allow that.

2009-11-03 Werner Koch <wk@g10code.com>

* run-support.h (fail_if_err): Include program name.
* run-sign.c (main): Add option --uiserver.

2009-10-26 Marcus Brinkmann <marcus@g10code.de>

* opassuan/t-command.c: Update to new interface.

2009-10-15 Werner Koch <wk@g10code.com>

* run-verify.c:
New.

2009-08-06 Werner Koch <wk@g10code.com>

* run-sign.c: New.

2009-07-07 Werner Koch <wk@g10code.com>

* run-keylist.c (main): Add options --cms and --openpgp.

* gpg/pgp-keylist.c: Rename to ...

* run-keylist.c: ... this.

* gpg/pgp-import.c: Rename to ...

* run-import.c: ... this.

* gpg/pgp-export.c: Rename to ...

* run-export.c: ... this.

* run-support.h: New. Copied from gpg/t-support.h.

* gpg/Makefile.am (noinst_PROGRAMS): Remove them.

* Makefile.am (noinst_PROGRAMS): Add them.

(noinst_HEADERS): New.

2009-06-22 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-support.h (passphrase_cb): Implement write() according to the book to silence compiler warning.

* gpgsm/t-support.h (passphrase_cb): Likewise.

2009-06-16 Werner Koch <wk@g10code.com>

* gpg/pgp-import.c: New.

* gpg/t-support.h (print_import_result, nonnull): Factored out from other tools.

* gpg/pgp-export.c, gpg/pgp-keylist.c: New.

2009-06-09 Werner Koch <wk@g10code.com>

* gpg/Makefile.am

(./pubring.gpg): Ignore errors in case of already imported keys. Add --no-permission-warning and remove obsolete --allow-secret-key-import.

* gpg/mkdemodirs.in (GPG): Add --no-permission-warning.

* gpg/t-edit.c (edit_fnc): Use gpgme_io_write.

2009-04-19 Moritz <moritz@gnu.org>

* gpg/Makefile.am (EXTRA_DIST): Replaced mkdemodirs with mkdemodirs.in.

(mkdemodirs): New target.

(clean-local): Added command for removing mkdemodirs script.

(./Alpha/Secret.gpg): Added dependency on mkdemodirs.

* gpg/mkdemodirs: Renamed to ...

* gpg/mkdemodirs.in: ... here.

* gpg/mkdemodirs.in (GPG): Derive value from @GPG@ instead of

hard-coding "gpg".

2009-02-24 Werner Koch <wk@g10code.com>

* opassuan/t-command.c: Adjust for changed new op_assuan interface.

2009-02-03 Werner Koch <wk@g10code.com>

* gpg/t-keylist.c (main): Check that new fields is_cardkey and card_number are not set.

2009-01-26 Werner Koch <wk@g10code.com>

* opassuan/: New.

* opassuan/Makefile.am:

New.

* opassuan/t-command.c: New.

2008-12-03 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (INCLUDES): Fix path to include file.

* gpg/Makefile.am (INCLUDES), gpgsm/Makefile.am (INCLUDES): Likewise.

2008-11-18 Werner Koch <wk@g10code.com>

* gpgsm/cms-decrypt.c: New.

2008-11-03 Marcus Brinkmann <marcus@g10code.com>

* gpgsm/Makefile.am (INCLUDES, LDADD): Replace gpgme path with src.

* gpg/Makefile.am (INCLUDES, LDADD, t_thread1_LDADD): Likewise.

* Makefile.am (LDADD): Likewise.

2008-10-30 Werner Koch <wk@g10code.com>

* gpgsm/cms-keylist.c: New.

2008-06-19 Werner Koch <wk@g10code.com>

* gpg/t-gpgconf.c (dump_arg): Add new types. Print strings in quotes.

2008-01-28 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (DISTCLEANFILES): Add pubring.kbx~.

2008-01-10 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-gpgconf.c (main): Allow for dirmngr not to be available.

* gpg/Makefile.am (./gpg-agent.conf): Correct pinentry path.

* gpg/pinentry:

New file.

* gpg/Makefile.am (DISTCLEANFILES, all-local): Add gpg-agent.conf
(./gpg-agent.conf): New target.

(EXTRA_DIST): Add pinentry.

* gpg/t-gpgconf.c (main): Exit early if compiled without gpgconf.

2008-01-04 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (CLEANFILES): Add pubring.kbx and dirmngr.conf.

* Makefile.am (TESTS_ENVIRONMENT): Use absolute path for
GNUPGHOME.

* gpg/Makefile.am (TESTS_ENVIRONMENT): Use absolute path for
GNUPGHOME.

* gpgsm/Makefile.am (TESTS_ENVIRONMENT): Use absolute path for
GNUPGHOME.

* gpg/Makefile.am (TESTS): Add t-gpgconf.

t-gpgconf.c: New file.

2007-11-23 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-verify.c (show_auditlog): Check for GPG_ERR_ASS_UNKNOWN_CMD.

2007-11-23 Werner Koch <wk@g10code.com>

* gpgsm/t-verify.c (check_result): Don't exit on error but set a flag.

(main): Consult flag for return value.

(show_auditlog): New.

(main): Use it.

2007-09-27 Marcus Brinkmann <marcus@g10code.de>

* t-engine-info.c

(check_engine_info): Fix debug output.

* gpg/Makefile.am (tests_unix): New variable.

(TESTS): Use it.

* gpg/t-support.h (passphrase_cb) [HAVE_W32_SYSTEM]: Use WriteFile instead of write.

* gpg/t-wait.c [HAVE_W32_SYSTEM]: Define sleep as _sleep.

2007-09-14 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-verify.c (main): Release TEXT and SIG.

2007-07-12 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile.am (key_id): Change := into =.

2007-07-12 Werner Koch <wk@g10code.com>

* gpgsm/t-support.h (init_gpgme) [W32]: Do not init the locales as the constants are not available.

2007-02-26 Werner Koch <wk@g10code.com>

* gpg/t-verify.c (double_plaintext_sig): New.
(main): Check it.

2006-12-02 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c (main): Skip unknown keys. Newer versions of GPGSM import more keys than older ones.

2005-12-06 Werner Koch <wk@g10code.com>

* gpg/t-keylist.c (main): Changed for that secondary keys now have a fingerprint.

*

gpg/t-keylist-sig.c (main): Ditto.

* gpgsm/t-keylist.c (main): Ditto. The test used to be wrong.

2005-10-18 Werner Koch <wk@g10code.com>

* gpg/pubdemo.asc, gpg/secdemo.asc: Add 2 expired subkeys to Whisky.

* gpg/t-keylist.c: Reordered list to match new demo keyring. Add arg for number of subkeys and for extra checking function.

(main): Enhanced a few error outputs. Changed subkey counting. Call extra checking function.

(check_whisky): New.

2005-10-07 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c (main): Allow for an email address as a second uid.

* gpg/t-sig-notation.c: Change critical notation to something GnuPG understands.

2005-10-01 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (EXTRA_DIST): Remove gpg.conf.
(DISTCLEANFILES): Add gpg.conf.
(all-local): Add gpg.conf.
(./gpg.conf): New target.
* gpg/gpg.conf: Remove file.

* gpg/Makefile.am (EXTRA_DIST): Add gpg.conf.

* gpg/Makefile.am (TESTS): Add t-sig-notation.
* gpg/t-sig-notation.c
(check_result): New file.
* gpg/t-verify.c (check_result): Also check the length of the
notation data.
* gpg/gpg.conf: New file.

2005-09-30 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (TESTS): Add t-filename.
* gpg/t-filename.c: New file.

2005-09-23 Werner Koch <wk@g10code.com>

* gpg/t-support.h (init_gpgme) [W32]: Don't use LC_MESSAGES.

* gpg/t-encrypt-large.c: New test.
* gpg/Makefile.am (TESTS): Add t-encrypt-large.

2005-06-03 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (TESTS): Add t-wait.
* gpg/t-wait.c (main): New test.

2004-12-07 Marcus Brinkmann <marcus@g10code.de>

* gpg/mkdemodirs: Add copyright notice.

* gpgsm/Makefile.am, gpgsm/t-support.h, gpgsm/t-decrypt.c,
gpgsm/t-encrypt.c, gpgsm/t-export.c, gpgsm/t-genkey.c,
gpgsm/t-import.c, gpgsm/t-keylist.c, gpgsm/t-sign.c,
gpgsm/t-verify.c, gpg/Makefile.am, gpg/t-decrypt.c,
gpg/t-decrypt-verify.c, gpg/t-edit.c, gpg/t-encrypt.c,
gpg/t-encrypt-sign.c, gpg/t-encrypt-sym.c,
gpg/t-eventloop.c,
gpg/t-export.c, gpg/t-genkey.c, gpg/t-import.c, gpg/t-keylist.c,
gpg/t-keylist-sig.c, gpg/t-sign.c, gpg/t-signers.c,
gpg/t-support.h, gpg/t-thread1.c, gpg/t-trustlist.c,
gpg/t-verify.c, Makefile.am, t-data.c, t-engine-info.c,
t-version.c: Change license to LGPL.

2004-08-17 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c (struct): Add new fields VALIDITY and KEY_LENGTH.

(main): Use them.

* gpgsm/t-import.c (check_result): New argument total_stat.

(main): Pass this argument. Reduce number of total considered keys to 1 for the second test.

2004-04-05 Werner Koch <wk@gnupg.org>

* gpgsm/Makefile.am: Changed the faked system time to 20011213T12000.

2004-03-07 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c: Add chain IDs.

2004-03-03 Werner Koch <wk@gnupg.org>

* gpgsm/t-export.c (main): Also check exporting 2 certificates.

2004-02-17 Werner Koch <wk@gnupg.org>

* gpgsm/t-import.c (check_result): gpgsm does now return info in the result->imports; adjust for that.

* gpgsm/Makefile.am (TESTS_ENVIRONMENT): Reset the GPG_AGENT_INFO.

Include config.h at the top of each C source. This is required due to LFS support.

* gpg/t-keylist-sig.c (main): s/class/sig_class/.

* gpg/t-signers.c (check_result): Ditto.

* gpg/t-sign.c (check_result): Ditto.

* gpg/t-encrypt-sign.c (check_result): Ditto.

* gpgsm/t-sign.c (check_result): Ditto.

2004-01-12 Werner Koch <wk@gnupg.org>

* gpg/t-keylist-sig.c (main): Temporary disabled one test due top gpg 1.3.4 problems.

* gpg/t-import.c (check_result): Likewise.

2003-11-19 Werner Koch <wk@gnupg.org>

* gpg/t-support.h (DIM): Added.

* gpg/t-verify.c (check_result): Rewrote test for notations because the order of notations is not guaranteed.

* gpgsm/t-support.h (fail_if_err): Also print the numeric values.

2003-10-06 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-eventloop.c: Include <sys/types.h> for old systems.

* gpgsm/Makefile.am
(DISTCLEANFILES): Add random_seed.

* gpg/t-thread1.c (thread_one): Do not call initialize_gpgme. Likewise.

2003-09-14 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-thread1.c (main): Call init_gpgme here.
(initialize_gpgme): Function removed.

* gpg/t-thread1.c: New file.
* gpg/Makefile.am (TESTS): Add t-thread1.c.
(t_thread1_LDADD): New variable.
(LDADD): Remove GPG Error lib.
* gpgsm/Makefile.am (LDADD): Likewise.

* gpg/t-import.c (main): Likewise.
* gpg/t-keylist-sig.c (main): Likewise.
* gpg/t-keylist.c (main): Likewise.
* gpg/t-sign.c (main): Likewise.
* gpg/t-signers.c (main): Likewise.
* gpg/t-trustlist.c (main): Likewise.
* gpgsm/t-support.h: Include <stdlib.h> and <locale.h>.
(init_gpgme): New function.
* gpg/t-support.h: Likewise.
* gpgsm/t-verify.c (main): Call init_gpgme.
* gpgsm/t-decrypt.c (main): Likewise.
* gpgsm/t-encrypt.c (main): Likewise.
* gpgsm/t-export.c (main): Likewise.
* gpgsm/t-genkey.c (main): Likewise.
* gpgsm/t-import.c (main):
Likewise.
* gpgsm/t-keylist.c (main): Likewise.
* gpgsm/t-sign.c (main): Likewise.
* gpg/t-verify.c (main): Call init_gpgme.
* gpg/t-decrypt-verify.c (main): Likewise.
* gpg/t-decrypt.c (main): Likewise.

- * gpg/t-edit.c (main): Likewise.
- * gpg/t-encrypt-sign.c (main): Likewise.
- * gpg/t-encrypt-sym.c (main): Likewise.
- * gpg/t-encrypt.c (main): Likewise.
- * gpg/t-eventloop.c (main): Likewise.
- * gpg/t-export.c (main): Likewise.
- * gpg/t-genkey.c (main): Likewise.

2003-08-14 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-sign.c (check_result): Change output format for signature class to unsigned int.
- * gpg/t-signers.c (check_result): Likewise.
- * gpg/t-encrypt-sign.c (check_result): Likewise.
- * gpgsm/t-sign.c (check_result): Likewise.

2003-07-31 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-verify.c (check_result): Change type of SUMMARY to unsigned int.
- * gpg/t-decrypt-verify.c (check_verify_result): Likewise.
- * gpg/t-keylist-sig.c (keys): Change type of member CLASS to unsigned int.
- * t-data.c (read_cb): Change type of AMOUNT to unsigned int.
- * t-version.c (version): Remove unused variable.

2003-07-22 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (AM_CPPFLAGS): New variable.
(LDADD): Add @GPG_ERROR_LIBS@.
- * gpg/Makefile.am (AM_CPPFLAGS): New variable.
(LDADD): Add @GPG_ERROR_LIBS@.
- * gpgsm/Makefile.am (AM_CPPFLAGS): New variable.
(LDADD): Add @GPG_ERROR_LIBS@.

2003-06-06 Marcus Brinkmann <marcus@g10code.de>

Everywhere: Use libgpg-error error codes.

- * gpg/Makefile.am (noinst_HEADERS): New variable.
- * gpg/t-support.h: New file.
- * gpgsm/Makefile.am (noinst_HEADERS): New variable.
- * gpgsm/t-support.h: New file.

2003-05-29 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-encrypt-sym.c (main): Adapt to new syntax.

- * gpg/t-encrypt.c (main): Likewise.
- * gpg/t-eventloop.c (main): Likewise.
- * gpg/t-encrypt-sign.c (main): Likewise.
- * gpgsm/t-export.c (main): Likewise.
- * gpgsm/t-encrypt.c (main): Likewise.

2003-05-28 Marcus

Brinkmann <marcus@g10code.de>

- * gpg/t-eventloop.c (main): Rewrite recipient management.
- * gpg/t-encrypt-sign.c (main): Likewise.
- * gpg/t-encrypt.c (main): Likewise.
- * gpg/t-export.c (main): Likewise.
- * gpgsm/t-encrypt.c (main): Likewise.
- * gpgsm/t-export.c (main): Likewise.

2003-05-27 Marcus Brinkmann <marcus@g10code.de>

- * gpg/Makefile.am (TESTS): Order t-keylist and t-keylist-sig after t-import.
- * gpg/t-edit.c (edit_fnc): Fix primary UID for keylisting tests.
- * gpg/t-keylist.c: Change order of user IDs.
- * gpg/t-keylist-sig.c: Likewise.
- * gpg/t-import.c: Add support for gpg in CVS.

2003-05-27 Marcus Brinkmann <marcus@g10code.de>

- * t-data.c: Remove TEST_OUT_CB.
(main): Likewise.
- * gpg/t-trustlist.c (main): Access ITEM directly.
- * (t-decrypt-verify.c, t-decrypt.c, t-edit.c, t-encrypt-sign.c, t-encrypt-sym.c, t-sign.c, t-signers.c): Include <unistd.h>.
(passphrase_cb): Rewritten.
- * t-edit.c (edit_fnc): Rewritten.

2003-05-04 Marcus Brinkmann <marcus@g10code.de>

- *
gpg/t-keylist-sig.c (main): Remove timestamp check.
- * gpgsm/t-keylist.c: Add check for timestamp.
- * gpg/Makefile.am (TESTS): Add t-keylist-sig.
- * gpg/t-keylist-sig.c: New file.

2003-04-30 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-eventloop.c (main): Do not call print_op_info.
(print_op_info): Function removed.

* gpg/t-keylist.c: Rewritten.
* gpgsm/t-keylist.c (main): Rewritten.
* gpg/t-edit.c (main): Do not use gpgme_key_get_as_xml. Use
gpgme_key_unref instead gpgme_key_release.
* gpg/t-signers.c (main): Use gpgme_key_unref instead
gpgme_key_release.

2003-04-29 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-trustlist.c: Rewritten.

* gpg/t-verify.c (main): Rewritten.
* gpg/t-decrypt-verify.c: Rewritten.
* gpgsm/t-verify.c (main): Rewritten.

2003-04-28 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-decrypt.c (main): Rewritten.

* gpg/t-decrypt.c: Rewritten.

* gpg/t-signers.c: Rewritten.

2003-04-27 Marcus Brinkmann <marcus@g10code.de>

*
gpg/t-encrypt-sign.c (check_result): Rewritten.

* gpg/t-sign.c: Rewritten.
* gpgsm/t-sign.c: Rewritten.
* gpg/t-encrypt.c: Check for invalid recipients.
* gpgsm/t-encrypt.c: Likewise.

* gpg/t-import.c (check_result): Really use FPR.
* gpgsm/t-import.c (check_result): Rewritten.

2003-04-25 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-import.c: Rewritten.

* gpgsm/t-genkey.c: Rewritten.
* gpgsm/Makefile.am (noinst_PROGRAMS): Add t-genkey.
* gpg/t-genkey.c: Include <stdlib.h>.
(main): Check result->fpr before checking its length.

2003-04-24 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-genkey.c: Rewritten to match new semantics.

2003-02-06 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-decrypt.c (passphrase_cb): Fix to new prototype.
- * gpg/t-decrypt-verify.c (passphrase_cb): Likewise.
- * gpg/t-edit.c (passphrase_cb): Likewise.
- * gpg/t-encrypt-sign.c (passphrase_cb): Likewise.
- * gpg/t-encrypt-sym.c (passphrase_cb): Likewise.
- * gpg/t-sign.c (passphrase_cb): Likewise.
- *
- gpg/t-signers.c (passphrase_cb): Likewise.

2003-01-30 Marcus Brinkmann <marcus@g10code.de>

- * t-engine-info.c: Use file_name instead path throughout.
- * Makefile.am (TESTS): Add t-engine-info.
- * t-engine-info.c: New file.
- * gpg/t-encrypt.c (main): Don't print engine info.
- * gpg/t-eventloop.c (main): Likewise.
- * gpg/t-encrypt-sign.c (main): Likewise.
- * gpgsm/t-encrypt.c (main): Likewise.

2002-12-24 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/t-verify.c (main): Adjust caller of gpgme_op_verify.
- * gpg/t-verify.c (main): Likewise.
- * gpg/t-decrypt-verify.c (main): Likewise for gpgme_op_decrypt_verify.

2002-12-23 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/Makefile.am (./gpgsm.conf): Add a faked system time to avoid certification's expiry.
- * gpgsm/t-encrypt.c (main): Use the short certification name.

2002-11-19 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-genkey.c (main): Add missing argument to gpgme_op_genkey invocation.

2002-10-09 Marcus Brinkmann
<marcus@g10code.de>

- * gpg/t-decrypt.c (print_data): Update to new gpgme_data_read

interface, and use `gpgme_engine_check_version` instead

`gpgme_check_version`.

- * `gpg/t-decrypt-verify.c` (`print_data`): Likewise.

- * `gpg/t-edit.c` (`main`): Likewise.

- * `gpg/t-encrypt.c` (`print_data`): Likewise.

- * `gpg/t-encrypt-sign.c` (`print_data`): Likewise.

- * `gpg/t-encrypt-sym.c` (`print_data`): Likewise.

- * `gpg/t-eventloop.c` (`print_data`): Likewise.

- * `gpg/t-export.c` (`print_data`): Likewise.

- * `gpg/t-sign.c` (`print_data`): Likewise.

- * `gpg/t-signers.c` (`print_data`): Likewise.

- * `gpgsm/t-decrypt.c` (`print_data`): Likewise.

- * `gpgsm/t-encrypt.c` (`print_data`): Likewise.

- * `gpgsm/t-export.c` (`print_data`): Likewise.

- * `gpgsm/t-sign.c` (`print_data`): Likewise.

- * `gpg/t-verify.c` (`main`): Likewise for `gpgme_op_verify`.

- * `gpgsm/t-verify.c` (`main`): Likewise for `gpgme_op_verify`.

- * `t-data.c` (`read_once_test`): Likewise.

(`write_test`): Update for new behaviour of data objects.

(`main`): Remove type test.

2002-09-30 Werner Koch <wk@gnupg.org>

- *

- * `gpgsm/t-keylist.c` (`doit`): Add arg `SECRET`.

- (`main`): Add option `--secret`.

2002-09-28 Marcus Brinkmann <marcus@g10code.de>

- * `t-version.c`: Include `<string.h>`. Reported by Stphane Corthsy.

2002-09-02 Marcus Brinkmann <marcus@g10code.de>

- * `gpg/t-keylist.c` (`main`): Test `PATTERN` for `NULL` before printing.

Reported by Dr. Stefan Dalibor <Dr.Stefan.Dalibor@bfa.de>.

2002-08-01 Marcus Brinkmann <marcus@g10code.de>

- * `gpg/t-edit.c`: Also add a test for the `expire` command (testing the passphrase callback).

2002-07-28 Marcus Brinkmann <marcus@g10code.de>

- * `gpg/t-edit.c`: New file.

- * `gpg/Makefile` (`TESTS`): Add `t-edit`.

2002-07-25 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-encrypt-sym.c (main): Change type of I to size_t and rename to LEN.
* gpg/t-verify.c (main): Likewise. Submitted by Stphane Cortsy.

2002-07-03 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-eventloop.c: New file.
* gpg/Makefile (TESTS): Add t-eventloop.

2002-06-26 Werner Koch <wk@gnupg.org>

*
gpgsm/t-import.c (print_op_info): New.
(main): Print operation info.

2002-06-25 Werner Koch <wk@gnupg.org>

* gpgsm/Makefile.am (DISTCLEANFILES): new.

2002-06-25 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile.am (TESTS): Add t-export.
gpgsm/t-export.c: New file.

2002-06-20 Werner Koch <wk@gnupg.org>

* gpgsm/t-sign.c (main): Also test a normal signature.

* gpg/Makefile (TESTS_ENVIRONMENT): Set GPG_AGENT_INFO empty.
* gpg/t-signers.c, gpg/t-sign.c, gpg/t-encrypt-sym.c
* gpg/t-encrypt-sign.c, gpg/t-decrypt.c
* gpg/t-decrypt-verify.c (main): Changed the GPG_AGENT_INFO check to match the one in ../gpgme/runpgp.c.

2002-06-12 Werner Koch <wk@gnupg.org>

* gpgsm/t-keylist.c (doit): Print operation info if available.

2002-06-10 Werner Koch <wk@gnupg.org>

* gpgsm/t-verify.c (print_sig_stat): Print the error token.

2002-06-04 Werner Koch <wk@gnupg.org>

* gpgsm/t-encrypt.c (main): Add a simple option parser and allow to specify an encryption

key.

2002-05-26 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (all-local): Remove dependency on ./secring.gpg.
(./secring.gpg): Remove target, and move all rules for this target
to ...
(./pubring.gpg): ... here. This was necessary because GnuPG 1.0.7
does create an empty secring.gpg file when importing public keys.

2002-05-08 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-verify.c (validity_string): New.
(print_sig_stat): Print expire time and validity.
(status_string): Add new expired stati.

2002-05-03 Werner Koch <wk@gnupg.org>

* gpg/t-verify.c (validity_string): New.
(print_sig_stat): Print expire time and validity.
(status_string): Add new expired stati.

2002-04-05 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile.am (./trustlist.txt): Put more into this file to
prevent use of gpg-agent.
(./gpg-agent.conf): Remove target.
(all-local): Remove ./gpg-agent.conf.

2002-04-05 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c
(main): Use gpgme_engine_check_version instead
gpgme_check_engine.
* gpgsm/t-encrypt.c (main): Likewise.

2002-03-06 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-encrypt-sym.c: New file.
* gpg/Makefile.am (TESTS): Add t-encrypt-sym.

2002-03-05 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (CLEANFILES): Remove random_seed, which is now
in DISTCLEANFILES.

2002-03-04 Werner Koch <wk@gnupg.org>

* gpg/Makefile.am (DISTCLEANFILES): Added.

2002-03-03 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-verify.c (main): Add a few more sanity checks, and a check for normal signatures.

2002-02-26 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-encrypt-sign.c: New file.

* gpg/Makefile.am (TESTS): Add t-encrypt-sign.

2002-02-13 Werner Koch <wk@gnupg.org>

* gpgsm/Makefile.am (private-keys-v1.d): Don't fail when the directory already exists.

2002-02-12 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (CLEANFILES): New target.
(distclean-local): Rename to

...

(clean-local): ... this.

2002-02-09 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile.am (./private-keys-v1.d/\$(key_id).key): Fix rule.

2002-02-09 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-genkey.c: New file (not added to Makefile.am because of gpg-agent bug).

2002-02-08 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile.am (key_id): Update value.

(all-local): Add .key to keyid filename.

(./private-keys-v1.d/\$(key_id)): Renamed to ...

(./private-keys-v1.d/\$(key_id).key): ... this.

(all-local): Add ./gpgsm.conf, ./trustlist.txt.

(./gpgsm.conf, ./trustlist.txt): New target.

* gpgsm/567064FE6D14A17B2D811ABB407728BC558AA455: Renamed to ...

* gpgsm/32100C27173EF6E9C4E9A25D3D69F86D37A4F939: ... this.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-import.c (print_op_info): New function.

(main): Use it.

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-signers.c (passphrase_cb): Change type of r_hd to void**.
- * gpg/t-sign.c (passphrase_cb): Likewise.
- * gpg/t-decrypt-verify.c (passphrase_cb): Likewise.
- * gpg/t-decrypt.c (passphrase_cb): Likewise.

2001-12-19 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-decrypt-verify.c: Don't include 'mcheck.h'. Reported by Stphane Corthsy.

2001-12-19 Marcus Brinkmann <marcus@g10code.de>

- * gpg/Makefile.am (EXTRA_DIST): Add missing line continuation.

2001-12-19 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/Makefile.am (EXTRA_DIST): Add \$(key_id).

2001-12-16 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/Makefile: Rename 'pubcerts.kbx' to 'pubring.kbx'.

2001-12-15 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/t-keylist.c (check_two_contexts): Set protocols.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/t-sign.c: New file.
- * gpgsm/Makefile.am (TESTS): Add t-sign.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/t-decrypt.c: New file.
- * gpgsm/567064FE6D14A17B2D811ABB407728BC558AA455: Likewise.
- * gpgsm/Makefile.am (TESTS): Add t-decrypt.
- (key_id): New variable.
- (all-local): New target ./private-keys-v1.d/\$(key_id) added.
- (./private-keys-v1.d/\$(key_id)): New target.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/t-verify.c: New file.

* gpgsm/Makefile.am (TESTS): Add t-verify.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (GPG): Set to @GPG_PATH@.

(./pubring.gpg): Use \$(GPG) instead gpg.

(./secring.gpg): Likewise.

* gpgsm/t-import.c (main): Remove third test case.

* gpgsm/Makefile.am (GPGSM): Set to @GPGSM@.

(all-local): New target.

(./pubcerts.kbx): Likewise.

* gpgsm/t-encrypt.c: New file.

* gpgsm/Makefile.am (TESTS): Add t-encrypt.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c: New file.

* gpgsm/Makefile.am (TESTS): Add t-keylist.

2001-12-13 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/cert_dfn_pca01.der: New file.

* gpgsm/cert_dfn_pca15.der: Likewise.

* gpgsm/cert_g10code_test1.der: Likewise.

* gpgsm/t-import.c: Likewise.

*

gpgsm/Makefile.am (EXTRADIST): Add new files.

(TESTS): Add t-import.

2001-11-22 Marcus Brinkmann <marcus@g10code.de>

* gpg/: New directory.

* Makefile.am, t-verify.c, t-encrypt.c, t-signers.c, t-trustlist.c,
t-sign.c, t-keylist.c, t-import.c, t-genkey.c, t-export.c,
t-decrypt-verify.c, t-decrypt.c, t-version.c, t-data.c, mkdemodirs.
cipher-1.asc, cipher-2.asc, geheim.txt, pubdemo.asc, pubkey-1.asc,
secdemo.asc, seckey-1.asc): Move to sub directory gpg/.

* gpg/Makefile.am (INCLUDES): Include gpgme/, not include/ and
intl/.

(LDD): Correct relative path to gpgme library.

(TESTS): Remove t-version and t-data.

* gpg/t-verify.c, gpg/t-encrypt.c, gpg/t-signers.c, gpg/t-trustlist.c,
gpg/t-sign.c, gpg/t-keylist.c, gpg/t-import.c, gpg/t-genkey.c,
gpg/t-export.c, gpg/t-decrypt-verify.c, gpg/t-decrypt.c,
t-version.c, t-data.c): Include gpgme.h, not "../gpgme/gpgme.h".

- * Makefile.am: New file.
- * gpgsm/: New directory.
- * gpgsm/Makefile.am: New file.

2001-11-16 Marcus

Brinkmann <marcus@g10code.de>

- * Makefile.am (TESTS): Add t-decrypt-verify.
- * t-decrypt-verify.c: New file.
- * cipher-2.asc: Likewise.

2001-11-02 Marcus Brinkmann <marcus@g10code.de>

- * t-data.c: Include stddef.h.
- (read_once_test): Change type of READ to size_t.
- (read_test): Likewise.
- (write_test): Likewise.

2001-10-29 Marcus Brinkmann <marcus@g10code.de>

- * t-signers.c: New file.
- * Makefile.am (TESTS): Add t-signers.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (TEST_ENVIRONMENT): Revert last change.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (TEST_ENVIRONMENT): Set environment to \$(srcdir), not current directory.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

- * t-data.c (write_test): New function.
- (main): Invoke write_test for all rounds except TEST_OUT_CB.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (INCLUDES): Remove spurious duplicate to silence automake.

2001-10-16 Marcus Brinkmann <marcus@g10code.de>

- *
- t-version.c: New file.
- * t-data.c: Likewise.
- * t-data-1.txt: Likewise.

* t-data-2.txt: Likewise.
* Makefile.am (TESTS): Add t-version, t-data.

2001-09-17 Werner Koch <wk@gnupg.org>

* t-keylist.c (check_two_contexts): New.

2001-09-03 Werner Koch <wk@gnupg.org>

* t-encrypt.c (print_op_info): New and use it after each operation.

2001-08-28 Werner Koch <wk@gnupg.org>

* t-sign.c (print_op_info): New and use it after each operation.

2001-03-15 Werner Koch <wk@gnupg.org>

* t-keylist.c (doit): List subkeys too, show caps.

2001-02-13 Werner Koch <wk@gnupg.org>

* t-verify.c (print_sig_stat): Repaled along by unsigned long
because we don't use the config stuff here.

2001-02-12 Werner Koch <wk@gnupg.org>

* tests/t-verify.c (print_sig_stat): Print info about the keys.

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-*- mode: org -*-

#+TITLE: What's New in the GPGME Python Bindings and Documentation

#+AUTHOR: Ben McGinnes

#+LATEX_COMPILER: xelatex

#+LATEX_CLASS: article

#+LATEX_CLASS_OPTIONS: [12pt]

#+LATEX_HEADER: \usepackage{xltextra}

#+LATEX_HEADER: \usepackage[margin=1in]{geometry}


```
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}
```

* What's New

:PROPERTIES:

:CUSTOM_ID: new-stuff

:END:

```
| Version:      | 0.0.1          |
| GPGME Version: | 1.13.0         |
| Author:       | Ben McGinnes <ben@gnupg.org> |
| Author GPG Key: | DB4724E6FA4286C92B4E55C4321E4E2373590E5D |
| Language:     | Australian English, British English |
| xml:lang:     | en-AU, en-GB, en |
```

Last time the most obviously new thing was adding the /What's New/ section to the HOWTO. Now it's moving it out of the HOWTO.

** New in GPGME 1130

:PROPERTIES:

:CUSTOM_ID: new-stuff-1-13-0

:END:

Additions since GPGME 1.12.0 include:

- Moving the /What's New/ section out of the basic [\[\[file:gpgme-python-howto.org\]\]](http://file.gpgme-python-howto.org) document and into its own file so as to more readily include other documents beyond that HOWTO.
- Moving the preceding, archival, segments into [\[\[file:what-was-new.org\]\]](http://file.what-was-new.org) [another file].
- Added `=gpg.version.versionintlist=` to make it easier for Python developers to check for a specific version number, even with beta versions (it will drop the "-betaN" part).
- Added expanded detail on issues pertaining to installing for Windows users.
- Bindings enter [\[\[file:maintenance-mode\]\]](http://file.maintenance-mode) [maintenance mode] from January, 2019.
- Added documentation on maintenance mode and what changes can be made to the code when in that status. Essentially that boils down to bug fixes only and no feature requests.
- The `import-keys-hkp.py` example script, which uses the `=hkp4py=` module to search the SKS servers for a key, has been tightened up to search for both hexadecimal key IDs and user ID strings with reduced chance of unnecessary repetition. There may still be some repetition if a key includes a user ID matching the hexadecimal value of a key ID.

000

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011230180000Z010 UDE1!0U

Deutsches Forschungsnetz10UDFN-PCA1+0)U"DFN Server Certification Authority1!0 *H
certify@pca.dfn.de0"0

*H

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Version 2.1, February 1999

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a)

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Random Hacker.

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

That's all there is to it!

1543830060

##Sketch 1 2

document()

layout('A4',1)

fp((0,0,0))

ft(1)

Fn('Helvetica-Bold')

Fs(18)

dstyle('Text')

fp((0,1,0.498))

ft(1)

lp((0,0,0))

lw(0.283465)

lc(1)

lj(0)

```

ld()
la1()
la2()
dstyle('Application Box')
layer('Layer 1',1,1,0,0,(0,0,0))
lw(1)
r(0,0,0,0,688.145,44.1554)
lw(1)
r(0,0,0,0,682.363,85.0359)
lp((0.392,0.584,0.929))
lw(4.25197)
b()
bs(605.383,329.758,0)
bs(605.383,230.546,0)
lw(1)
r(0,0,0,0,807.414,53.6148)
lp((0.392,0.584,0.929))
lw(4.25)
b()
bs(480.134,240.945,0)
bs(480.358,325.277,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(474.803,432.284,0)
bs(475.334,360.243,0)
lw(3.25)
ld((1, 1))
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(354.331,432.284,0)
bs(352.806,361.417,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(212.598,432.284,0)
bs(212.598,361.417,0)
fp((0.999,1,0.4))
lw(0.283465)
r(70.5968,0,0,-56.6929,191.608,488.976,0.0603744,0.151107)
lw(1)
r(0,0,0,0,88.5492,390.805)
lp((0.392,0.584,0.929))
lw(4.25197)

```

```

b()
bs(226.772,524.409,0)
bs(226.772,488.976,0)
lp((0.392,0.584,0.929))
lw(4.25)
b()
bs(403.937,528.718,0)
bs(403.937,488.976,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1,
1))
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(240.945,432.284,0)
bs(240.574,394.994,0)
bs(595.276,396.85,0)
bs(595.276,361.417,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(333.071,432.284,0)
bs(333.07,425.196,0)
bs(333.07,382.677,0)
bs(240.945,382.677,0)
bs(240.945,361.417,0)
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.347,318.897,354.331,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica-Bold')
Fs(10)
txt('GPG',(1,0,0,0.905764,344.004,335.686))
G_()
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.3464,446.763,354.33,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)

```

```

style('Text')
txt('GpgConf',(0.552654,0,0,0.500564,481.802,340.184),1,1)
G_()
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.347,191.338,354.331,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('GpgSM',(0.552654,0,0,0.500574,226.376,340.185),1,1)
G_()
lp((0.392,0.584,0.929))
lw(4.25)
b()
bs(347.244,325.984,0)
bs(347.244,325.984,0)
bs(347.244,255.118,0)
bs(304.724,255.118,0)
bs(304.724,226.771,0)
lp((0.392,0.584,0.929))
lw(4.25)
b()
bs(233.858,325.984,0)
bs(233.858,255.118,0)
bs(276.378,255.118,0)
bs(276.378,226.771,0)
fp((0,0,0))
le()
lw(1)
Fn('Palatino-Roman')
txt('2008-07-17',(0.608301,0,0,0.608301,708.661,65.8308))
lw(1)
r(0,0,0,0,750.427,153.265)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1,
1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(219.685,325.984,0)
bs(219.685,198.425,0)
bs(219.685,162.992,0)
G()
fp((1,1,1))

```



```

lw(0.283465)
r(113.386,0,0,-42.5196,35.4333,162.992,0.0670228,0.151107)
fp((0,0,0))
lw(0.283465)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('LDAP
Server',(0.552654,0,0,0.552654,92.1261,148.819),1,1)
fp((0,0,0))
lw(0.283465)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('(CRLs, Certificates)',(0.552654,0,0,0.552654,92.1261,134.646),1,1)
G_()
G()
fp((1,1,1))
lw(0.283465)
r(113.386,0,0,-42.5196,35.4331,99.2125,0.0670228,0.151107)
fp((0,0,0))
lw(0.283465)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('HTTP Server',(0.552654,0,0,0.552654,92.1259,85.0394),1,1)
fp((0,0,0))
lw(0.283465)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('(CRLs)',(0.552654,0,0,0.552654,92.1259,70.8662),1,1)
G_()
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.866,0,0,-31.2962,191.338,158.855,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)

```

```

Fn('Helvetica')
Fs(14)
style('Text')
txt('DirMgr',(0.552654,0,0,0.552654,224.02,142.978),1,1)
G_()
lw(2)
ld((1, 1))
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(219.15,126.18,0)
bs(219.685,77.9528,0)
bs(155.906,77.9528,0)
lp((0.392,0.584,0.929))
lw(3)
b()
bs(233.858,127.559,0)
bs(233.858,99.2125,0)
bs(276.378,99.2125,0)
bs(276.378,85.0393,0)
lp((0.392,0.584,0.929))
lw(3)
b()
bs(248.031,127.559,0)
bs(248.031,113.386,0)
bs(375.59,113.386,0)
bs(375.59,85.0393,0)
G()
fp((1,0.647,0.31))
lw(0.283465)
r(99.2124,0,0,-28.3464,333.07,85.0393,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Certificate
Cache',(0.552654,0,0,0.552654,382.606,69.8548),1,1)
fp((1,0.647,0.31))
lw(0.283465)
r(70.5589,0,0,-28.3464,248.031,85.0393,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)

```

```

style('Text')
txt('CRL Cache',(0.552654,0,0,0.552654,284.147,70.6936),1,1)
G_()
lw(1)
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(503.149,240.945,0)
bs(503.149,283.464,0)
bs(588.189,283.465,0)
bs(588.189,325.984,0)
lw(1)
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(503.149,283.464,0)
bs(503.149,283.464,0)
bs(361.417,283.464,0)
bs(361.417,325.984,0)
lw(1)
la2([( (-4.0,
3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(361.417,283.464,0)
bs(205.512,283.465,0)
bs(205.512,325.984,0)
lw(1)
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(574.015,85.0393,0)
bs(574.015,141.732,0)
bs(262.204,141.732,0)
lw(1)
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(602.361,85.0393,0)
bs(602.361,170.079,0)
bs(439.37,170.079,0)
bs(439.37,311.811,0)
bs(460.629,311.811,0)
bs(460.629,325.984,0)
lw(1)
ld((5, 1))
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(389.763,240.945,0)
bs(389.763,269.291,0)
bs(290.551,269.291,0)
bs(290.551,340.157,0)
bs(262.204,340.157,0)

```

```

lw(1)
ld((5, 1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(389.763,269.291,0)
bs(559.843,269.291,0)
bs(559.843,333.071,0)
bs(574.016,333.071,0)
lw(1)
ld((5, 1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(488.976,85.0393,0)
bs(488.976,127.559,0)
bs(389.763,127.559,0)
bs(389.763,212.598,0)
lw(2)
ld((1,
1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(205.512,127.559,0)
bs(205.512,113.386,0)
bs(170.079,113.386,0)
bs(170.079,141.732,0)
bs(155.906,141.732,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(622.961,356.76,0)
bs(622.961,518.503,0)
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.3459,573.199,354.33,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('GpgAgent',(0.552654,0,0,0.500554,608.238,340.185),1,1)
G_()
lp((0.392,0.584,0.929))
lw(4.25)
b()

```

bs(721.712,467.717,0)
bs(721.712,297.838,0)
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.3464,686.278,297.637,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('SCdaemon',(0.552654,0,0,0.500564,721.316,283.492),1,1)
G_
fp((1,0.647,0.31))
lw(0.283465)
lj(1)
r(86.162,0,0,-117.493,679.192,566.929,0.181818,0.333333)
G()
fp((0,0,0))
le()
lw(1)
Fn('Helvetica-Bold')
Fs(18)
txt('Smartcard',(0.552654,0,0,0.552654,698.127,491.036))
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-31.2962,686.279,557.593,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('Card
Reader',(0.552654,0,0,0.552654,721.318,541.975),1,1)
G_
G()
fp((0.999,1,0.4))
lw(0.283465)
r(73.6353,0,0,-41.2944,587.066,565.703,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('PIN Entry',(0.57675,0,0,0.729211,623.632,545.097),1,1)

```

G_()
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(643.758,340.157,0)
bs(643.758,340.157,0)
bs(707.539,340.158,0)
bs(707.539,304.724,0)
lw(1)
la2([( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(574.016,283.465,0)
bs(587.066,283.464,0)
bs(686.278,283.464,0)
G()
lp((0.392,0.584,0.929))
lw(4.25197)
b()
bs(98.9053,325.985,0)
bs(98.9053,240.945,0)
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.3464,63.7795,354.331,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('WatchGnuPG',(0.552654,0,0,0.552654,98.8185,338.713),1,1)
G_()
G()
fp((1,0.647,0.31))
lw(0.283465)
r(70.5589,0,0,-28.1194,63.7795,240.718,0.0670228,0.168178)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('Log
Socket',(0.552654,0,0,0.552654,98.8175,225.1),1,1)
G_()
G_()

```

G()
fp((1,0.647,0.31))
lw(0.283465)
r(85.0392,0,0,-28.3464,446.457,240.945,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Config Files',(0.552654,0,0,0.552654,485.621,226.772),1,1)
G_
G()
fp((1,0.647,0.31))
lw(0.283465)
r(85.0392,0,0,-28.3464,545.669,85.0394,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Config Files',(0.552654,0,0,0.552654,584.834,70.8662),1,1)
G_
G()
fp((1,0.647,0.31))
lw(0.283465)
r(84.6546,0,0,-27.3609,347.245,239.959,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Help
Files',(0.552654,0,0,0.552654,388.252,224.705),1,1)
G_
G()
fp((1,0.647,0.31))
lw(0.283465)
r(84.6546,0,0,-27.3609,446.457,85.0394,0.0670228,0.151107)
fp((0,0,0))

```

le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Help Files',(0.552654,0,0,0.552654,487.464,69.7854),1,1)
G_()
G()
fp((1,0.647,0.31))
lw(0.283465)
r(85.0392,0,0,-28.3464,248.032,240.945,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Keybox Files',(0.552654,0,0,0.552654,289.59,226.322),1,1)
G_()
G()
fp((1,0.647,0.31))
lw(0.283465)
r(70.866,0,0,-28.3464,574.016,240.945,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Private Keys',(0.552654,0,0,0.552654,609.449,226.772),1,1)
G_()
G()
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(24)
txt('Scute',(0.552654,0,0,0.599958,224.978,465.775),1,1)
fp((0,0,0))

```



```

le()
lw(1)
Fn('Times-Roman')
Fs(10)
txt('(pkcs#11)',(1,0,0,1.08559,206.081,445.011))
G_()
G()
fp((0.999,1,0.4))
lw(0.283465)
r(198.827,0,0,-56.6929,304.322,488.976,0.0603744,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(36)
txt('GPGME
Library',(0.552654,0,0,0.552654,404.952,457.853),1,1)
G_()
G()
lw(1)
style('Application Box')
r(197.598,0,0,-42.5187,304.724,566.928,0.0152672,0.0677968)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
txt('GPGME aware Application',(0.98062,0,0,0.937018,334.892,540.985))
G_()
G()
lw(1)
style('Application Box')
r(127.829,0,0,-41.7496,162.992,566.159,0.0152672,0.0677968)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
txt('Legacy Application',(174.688,540.01))
G_()
G()
G()
lp((0.392,0.584,0.929))
lw(4.25197)
b()
bs(749.296,162.296,0)
bs(705.89,162.296,0)

```

```

lw(3.25)
ld((1, 1))
la2((( (-4.0, 3.0), (2.0, 0.0), (-4.0,
-3.0), (-4.0, 3.0)], 1))
b()
bs(705.89,100.083,0)
bs(744.472,100.083,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2((( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(705.89,131.189,0)
bs(744.472,131.189,0)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('execute/access',(0.31891,0,0,0.280771,726.951,87.3768),1,1)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('closely linked',(0.31891,0,0,0.280771,724.715,149.589),1,1)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('Assuan protocol',(0.31891,0,0,0.280771,728.535,118.483),1,1)
G_()
lw(1)
r(56.6929,0,0,-92.126,701.575,170.079)
G_()
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2((( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(248.031,325.984,0)
bs(248.031,297.638,0)
bs(538.583,297.638,0)
bs(538.583,340.157,0)

```

```

bs(566.929,340.157,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(375.591,325.984,0)
bs(375.591,304.724,0)
bs(531.496,304.724,0)
bs(531.496,347.244,0)
bs(566.929,347.244,0)
guidelayer('Guide
  Lines',1,0,0,1,(0,0,1))
grid((0,0,7.08661,7.08661),1,(0,0,1),'Grid')
Just GNU it!
Just GNU it!
Just GNU it!
# -*- mode: org -*-
#+TITLE: GNU Privacy Guard (GnuPG) Made Easy Python Bindings
#+AUTHOR: Ben McGinnes
#+LATEX_COMPILER: xelatex
#+LATEX_CLASS: article
#+LATEX_CLASS_OPTIONS: [12pt]
#+LATEX_HEADER: \usepackage{xltextra}
#+LATEX_HEADER: \usepackage[margin=1in]{geometry}
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}

```

```

* GPGME Python Bindings
:PROPERTIES:
:CUSTOM_ID: top
:END:

```

```

** Contents
:PROPERTIES:
:CUSTOM_ID: contents
:END:

```

```

- [[file:short-history][A short history of the project]]
- [[file:what-is-new][What's New]]
- [[file:maintenance-mode][Maintenance Mode]] (from January, 2019)
- [[file:what-was-new][What Was New]]
- [[file:gpgme-python-howto][GPGME Python Bindings HOWTO]]
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Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
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The hypothetical commands `show w' and

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

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

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```
\input texinfo @c -*- texinfo -*-
@c %**start of header
@setfilename short-history.info
@settitle A Short History of the GPGME bindings for Python
@documentencoding utf-8
@documentlanguage en
@c %**end of header
```

```
@finalout
@titlepage
@title A Short History of the GPGME bindings for Python
@author Ben McGinnes
@end titlepage
```

```
@contents
```

```
@ifnottex
@node Top
@top A Short History of the GPGME bindings for Python
@end ifnottex
```

```
@menu
* Overview::
* Relics of the past::
```

```
@detailmenu
--- The Detailed Node Listing ---
```

Overview

- * In the beginning::
- * Keeping the flame alive::
- * Passing the torch::
- * Coming full circle::

Relics of the past

- * The Annoyances of Git::
- * The Perils of PyPI::

The Perils of PyPI

- * GPG 180 - Python bindings for GPGME GnuPG cryptography library::
- * PyME 090 - Python support for GPGME GnuPG cryptography library::

@end detailmenu

@end menu

@node Overview

@chapter Overview

@multitable {aaaaaaaaaaaaaa} {aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa}

@item Version:

@tab

0.0.1

@item GPGME Version:

@tab 1.13.0

@item Author:

@tab Ben McGinnes <ben@@gnupg.org>

@item Author GPG Key:

@tab DB4724E6FA4286C92B4E55C4321E4E2373590E5D

@item Language:

@tab Australian English, British English

@item xml:lang:

@tab en-AU, en-GB, en

@end multitable

The GPGME Python bindings passed through many hands and numerous phases before, after a fifteen year journey, coming full circle to return to the source. This is a short explanation of that journey.

@menu

- * In the beginning::
- * Keeping the flame alive::
- * Passing the torch::
- * Coming full circle::

@end menu

@node In the beginning

@section In the beginning

In 2002 John Goerzen released PyME; Python bindings for the GPGME module which utilised the current release of Python of the time and SWIG. @footnote{In all likelihood this would have been Python 2.2 or possibly Python 2.3.} Shortly after creating it and ensuring it worked he stopped supporting it, though he left his work available on his Gopher site.

@node Keeping

the flame alive

@section Keeping the flame alive

A couple of years later the project was picked up by Igor Belyi and actively developed and maintained by him from 2004 to 2008. Igor's whereabouts at the time of this document's creation are unknown, but the current authors do hope he is well. We're assuming (or hoping) that life did what life does and made continuing untenable.

@node Passing the torch

@section Passing the torch

In 2014 Martin Albrecht wanted to patch a bug in the PyME code and discovered the absence of Igor. Following a discussion on the PyME mailing list he became the new maintainer for PyME, releasing version 0.9.0 in May of that year. He remains the maintainer of the original PyME release in Python 2.6 and 2.7 (available via PyPI).

@node Coming full circle

@section Coming full circle

In 2015 Ben McGinnes approached Martin about a Python 3 version, while investigating how complex a task this would be the task ended up being completed. A subsequent discussion with Werner Koch led to the decision to fold the Python 3 port back into the original GPGME release in the languages subdirectory for non-C bindings under the module name of @samp{pyme3}.

In 2016 this PyME module was integrated back into the GPGME project by Justus Winter. During the course of this work Justus adjusted the port to restore limited support for Python 2, but not as many minor point releases as the original PyME package supports. During the course of this integration the package was renamed to more

accurately reflect its status as a component of GPGME. The @samp{pyme3} module was renamed to @samp{gpg} and adopted by the upstream GnuPG team.

In 2017 Justus departed G10code and the GnuPG team. Following this Ben returned to maintain of gpgme Python bindings and continue building them from that point.

@node Relics of the past
@chapter Relics of the past

There are a few things, in addition to code specific factors, such as SWIG itself, which are worth noting here.

@menu

*

The Annoyances of Git::

* The Perils of PyPI::

@end menu

@node The Annoyances of Git
@section The Annoyances of Git

As anyone who has ever worked with git knows, submodules are horrible way to deal with pretty much anything. In the interests of avoiding migraines, that was skipped with addition of the PyME code to GPGME.

Instead the files were added to a subdirectory of the @samp{lang/} directory, along with a copy of the entire git log up to that point as a separate file within the @samp{lang/python/docs/} directory.@footnote{The entire PyME git log and other preceding VCS logs are located in the @samp{gpgme/lang/python/docs/old-commits.log} file.} As the log for PyME is nearly 100KB and the log for GPGME is approximately 1MB, this would cause considerable bloat, as well as some confusion, should the two be merged.

Hence the unfortunate, but necessary, step to simply move the files. A regular repository version has been maintained should it be possible to implement this better in the future.

@node The Perils of PyPI
@section The Perils of PyPI

The early port of the Python 2 @samp{pyme} module as @samp{pyme3} was never added to PyPI while the focus remained on development and testing during 2015 and early 2016. Later in 2016, however, when Justus completed his major integration work and subsequently renamed the

module from @samp{pyme3} to @samp{gpg}, some prior releases were also provided through PyPI.

Since these bindings require a matching release of the GPGME libraries in order to function, it was determined that there was little benefit in also providing a copy through PyPI since anyone obtaining the GPGME source code would obtain the Python bindings source code at the same time. Whereas there was the potential to sew confusion amongst Python users installing the module from PyPI, only to discover that without the relevant C files, header files or SWIG compiled binaries, the Python module did them little good.

There are only two files on PyPI
which might turn up in a search
for this module or a sample of its content:

```
@enumerate
@item
gpg (1.8.0) - Python bindings for GPGME GnuPG cryptography library
@item
pyme (0.9.0) - Python support for GPGME GnuPG cryptography library
@end enumerate
```

```
@menu
* GPG 180 - Python bindings for GPGME GnuPG cryptography library::
* PyME 090 - Python support for GPGME GnuPG cryptography library::
@end menu
```

```
@node GPG 180 - Python bindings for GPGME GnuPG cryptography library
@subsection GPG 180 - Python bindings for GPGME GnuPG cryptography library
```

This is the most recent version to reach PyPI and is the version of the official Python bindings which shipped with GPGME 1.8.0. If you have GPGME 1.8.0 installed and @emph{only} 1.8.0 installed, then it is probably safe to use this copy from PyPI.

As there have been a lot of changes since the release of GPGME 1.8.0, the GnuPG Project recommends not using this version of the module and instead installing the current version of GPGME along with the Python bindings included with that package.

```
@node PyME 090 - Python support for GPGME GnuPG cryptography library
@subsection PyME 090 - Python support for GPGME GnuPG cryptography library
```

This is the last release of the PyME bindings maintained by Martin Albrecht and is only compatible with Python 2, it will not work with Python 3. This is the version of the software from which the

port from Python 2 to Python 3 code was made in 2015.

Users of the more recent Python bindings will recognise numerous points of similarity, but also significant differences. It is likely that the more recent official bindings will feel "more pythonic."

For those using Python 2, there is essentially no harm in using this module, but it may lack a number of more recent features added to GPGME.

@bye

commit 2145348ec54c6027f2ea20f695de0277e2871405

Merge: 348ba88 2036f1a

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 03:04:19 2015 +1000

Merge pull request #4 from Hasimir/master

history

commit 2036f1a0a670a0561993e195c458059220b36114

Merge: dbabf0c 348ba88

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:57:44 2015 +1000

Merge branch 'master' of github:adversary-org/pyme3

commit dbabf0cf1f2985755c2293b619011832e34faa9c

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:52:23 2015 +1000

Added a short history

- * A (very) brief summary of the project's history since 2002.
- * Deals with why the commit log in the GPGME repo does not include the history of PyME.
- * Mentions that intact git repos will be maintained, but not where they are (one will be on github, another will be in a user directory on playfair.gnupg.org).

docs/Short_History.rst | 57 ++++++

1 file

changed, 57 insertions(+)

commit 348ba883424778c711c04ae9b66035ccdb36eb8c

Merge: 127d0a5 7c37a27

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:21:34 2015 +1000

Merge pull request #3 from Hasimir/master

Version release preparation

commit 7c37a27a6845c58222d4d947c2efbe38e955b612

Merge: f692cff 127d0a5

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:17:14 2015 +1000

Merge branch 'master' of github:adversary-org/pyme3

commit f692cff50a89c2c61acdbd3d7dd60f5ce3cd15af

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:09:44 2015 +1000

TODO update

- * Removed reference to GitHub, replaced with impending new home at gnupg.org.

docs/TODO.rst | 4 ++--

1 file changed, 2 insertions(+), 2 deletions(-)

commit bd5ccf9e3bfe69fa681613757577e87b72ca08ec

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:00:44 2015 +1000

Version bump

- * Bumped version number to 0.9.1 to keep it somewhat in line with the existing

PyME project, even though there will be some divergence at some point (or even re-merging, depending on how many of the Python 3 modifications can be back-ported to the Python 2 version).

- * Updated the author and copyright information to reflect the two current authors (Martin and I).

- * Replaced Igor's contact details with mine.

- * Replaced project home page with the GnuPG one.

pyme/version.py | 16 ++++++++-----

1 file changed, 9 insertions(+), 7 deletions(-)

commit ec167512f4ca88d8f6e89e2ae831798c8283b4df

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 01:48:01 2015 +1000

README preparation.

* Changes in preparation for impending move of code to the GnuPG git server as a part of GPGME.

README.rst | 14 ++++++-----

1 file changed, 7 insertions(+), 7 deletions(-)

commit 8a48515e884c36b5bdb24a13cb4d2e49f4ee6f17

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 01:43:53 2015 +1000

TODO moved to docs

* As it says.

TODO.rst | 25 -----

docs/TODO.rst | 25 ++++++

2 files changed, 25 insertions(+), 25 deletions(-)

commit f968c777472f01f308f6e57eac1740bf5c76c205

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 16:52:13 2015 +1000

Started another TODO file.

TODO.rst | 25 ++++++

1 file changed, 25 insertions(+)

commit 127d0a56fa9f7ad1d4fb39d0b529b890a8d67365

Merge: db72dea 44837f6

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 14:59:44 2015 +1000

Merge pull request #2 from Hasimir/master

Minor editing.

commit 44837f6e50fc539c86aef1f75a6a3538b02029ea

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 14:56:55 2015 +1000

Minor editing.

* Fixed another URL.

* Changed Py3 version's version number to v0.9.1-beta0.

README.rst | 4 ++--

1 file changed, 2 insertions(+), 2 deletions(-)

commit db72deaae19c3513391df040bcaf66a88d9213af
Merge: db34286 48eb185
Author:
Ben McGinnes <ben@adversary.org>
Date: Sun May 3 14:26:11 2015 +1000

Merge pull request #1 from Hasimir/master

Links

commit 48eb1856cb0739cc9f0b9084da9d965e1fc7fddd
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 14:22:30 2015 +1000

Links

- * Fixed URLs for authors.
- * Updated my entry to point to github location.
- ** I strongly suspect the result of this work will be concurrent projects, so preparing for that eventuality with this repo.

README.rst | 8 ++++----
1 file changed, 4 insertions(+), 4 deletions(-)

commit db3428659783f30b9a76204403daedf9fc4cf7cf
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 11:29:00 2015 +1000

Explicit over Implicit ...

... isn't just for code.

- * Removed the 2to3 working directory and its contents.
- * Made the README.rst file a little more clear that this branch is for Python 3 (set Python 3.2 as a fairly arbitrary requirement for the moment, but will probably raise this to 3.3).

2to3/2to3-output-remaining.log | 60 ---
2to3/2to3-output-setup.log | 35 --
2to3/2to3-output.log | 950 -----
README.rst | 10 +-
4 files changed, 7 insertions(+), 1048 deletions(-)

commit 3edf07a4ba8a86af3a33246234d6e133074862af
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 11:19:41 2015 +1000

Added authors.

- * In alphabetical order.

- * Mine will need updating once Martin and I have decided what to do regarding the two main branches.

README.rst | 12 ++++++

1 file changed, 12 insertions(+)

commit 811eb14b53e8856312d99f46b77215f7f9bd672c

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 10:23:00 2015 +1000

Docs and other things.

- * Now able to import pyme.core without error, indicates port process is successful.

- * Code is *not* compatible with the Python 2 version.

- * Will need to consider making this a parallel project with the master branch.

- * Got rid of the .org TODO file.

- * Changed the README to use the reST file extension since it's full of reST anyway.

2to3/TODO.org | 5 ----

README.rst | 32 ++++++

README.txt | 32 -----

3 files changed, 32 insertions(+), 37 deletions(-)

commit 79e784bdce1de6f7856921b5431044c62c6f015

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 10:18:40 2015 +1000

Fixed another implicit import by making it explicit. Hopefully this is the last one.

pyme/util.py | 2 +-

1 file changed, 1 insertion(+), 1 deletion(-)

commit 2b52b46ccda3e7abcc50eed0745062259d698661

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 10:16:01 2015 +1000

Fixed another implicit import by making it explicit.

pyme/errors.py | 2 +-

1 file changed, 1 insertion(+), 1 deletion(-)

commit 409c8fd565e21f23cd41daaeffc867e6d23a0863
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 10:08:22
2015 +1000

Bytes vs. Unicode

* Trying PyBytes instead of PyUnicode.

gpgme.i | 14 ++++++-----
helpers.c | 8 +++++---
2 files changed, 11 insertions(+), 11 deletions(-)

commit d8164aa2ae98bf8c807c16e2d9be12c5fba7cfd
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 09:22:58 2015 +1000

String to Unicode

* Replaced all instances of PyString with PyUnicode (and hoping there's
no byte data in there).

gpgme.i | 14 ++++++-----
helpers.c | 8 +++++---
2 files changed, 11 insertions(+), 11 deletions(-)

commit bd99b7865656e559b17c419c6b64b412a22c6c44
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 09:17:06 2015 +1000

PyInt_AsLong

* Replaced all instances of PyInt with PyLong, as per C API docs.

gpgme.i | 4 ++--
helpers.c | 8 +++++---
2 files changed, 6 insertions(+), 6 deletions(-)

commit 3c91e2ccf8ca788b51e3308e292c6b64888fdb15
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 05:59:36 2015 +1000

Import correction

* Once pygpgme.py is generated and moved, it will be in the right
directory for the explicit "from . import pygpgme" to be correct.

pyme/core.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 23a49e7070812ff1ce138d8d4cc46d0b80328897

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 05:38:29 2015 +1000

The -py3 flag.

Makefile | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit b1549587d6db5e33081b9c20f75d1348a1d25938

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 05:01:42 2015 +1000

Fixed indentation - 4.

pyme/core.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit a685142ce46761ee6f5176e90717176e38e0d24f

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 05:00:16 2015 +1000

Fixed indentation - 3.

pyme/core.py | 5 ++---
1 file changed, 2 insertions(+), 3 deletions(-)

commit 488a70b490cc64eb1c47d2483cb2f4079c6767f7

Author: Ben McGinnes <ben@adversary.org>

Date: Sun

May 3 04:53:21 2015 +1000

Pet Peeve

```
def pet_peeve(self):  
    peeve = print("people who don't press return after a colon!")
```

FFS!

pyme/core.py | 5 +++--
1 file changed, 3 insertions(+), 2 deletions(-)

commit a5d38eb47d64bb17bb609fe594dae2aca480bac9

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:47:54 2015 +1000

Fixed indentation - 2.

pyme/core.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 476a207f732b8559abb1ea3c23147c0e34804730

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:46:01 2015 +1000

Fixed indentation.

pyme/core.py | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

commit 0572900eba9bcd9b0283c7d8e022e8972f06f9f8

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:43:49 2015 +1000

Replaced all tabs with 4 spaces.

pyme/core.py | 18 ++++++++-----
1 file changed, 9 insertions(+), 9 deletions(-)

commit 78c0b7677e94ce1e11b8cdb833a9064527187330

Author: Ben McGinnes <ben@adversary.org>

Date:

Sun May 3 04:39:07 2015 +1000

SWIG flags in the wrong place.

Makefile | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

commit dfa7f2589963494a8f89277560d8c1116604a3c8

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:35:09 2015 +1000

Fixed subprocess call for swig (again).

setup.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 249bfd8c714dcda53127b99b6cc8a6c7c4a99f20

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:32:40 2015 +1000

Fixed subprocess call for swig.

setup.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 6fd7e719cf4c975f466ceb39835db7007df36fb2

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 03:51:48 2015 +1000

Linking swig to py3

* Changed the swig invocations to run with the -python -py3 flags explicitly.

Makefile | 4 ++--

setup.py | 2 +-
2 files changed, 3 insertions(+), 3 deletions(-)

commit 7a6b584f50ed6ddc8617a642185eea1f24ff791a

Author:

Ben McGinnes <ben@adversary.org>

Date: Sat May 2 11:12:00 2015 +1000

String fun

* streamlined confdata details, including decoding strom binary to string.

setup.py | 4 +---
1 file changed, 1 insertion(+), 3 deletions(-)

commit f7fd3f270592021a95a8f779bfe85ac18f4e390b

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 10:46:59 2015 +1000

Open File

* Removed deprecated file() and replaced with open().

examples/PyGtkGpgKeys.py | 2 +-
examples/pygpa.py | 6 +++---
gpgme-h-clean.py | 2 +-
3 files changed, 5 insertions(+), 5 deletions(-)

commit 4227d486f9558015e7e548d71085e58e1b50ec08

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 10:36:15 2015 +1000

print() fix

* Makefile includes a python print, changed from statement to function.

Makefile | 2 +-

1 file changed, 1 insertion(+), 1 deletion(-)

commit 406f7f2567b701502186fe0a325dc2a3491ff7f8

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 10:28:42

2015 +1000

Updated Makefile

* set make to use python3 instead.

* This will mean a successful port may need to be maintained separately from the original python2 code instead of merged, but ought to be able to share most things. So maybe merge with separated make files or a pre-make script to set python2 or python3 prior to building ... decide later, after it works.

Makefile | 6 +++---

1 file changed, 3 insertions(+), 3 deletions(-)

commit 90b3efa5b193d37e08dc9b4ee766ba9ebc9412af

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 10:15:20 2015 +1000

Env and a little license issue

* Updated all the /usr/bin/env paths to point to python3.

* Also fixed the hard coded /usr/bin/python paths.

* Updated part of setup.py which gave the impression this package was only licensed under the GPL (it's actually licensed under the LGPL as well, essentially the same dual licensing as the GPGME library).

`examples/PyGtkGpgKeys.py`

| 2 +-

examples/delkey.py | 2 +-

examples/encrypt-to-all.py | 2 +-

examples/exportimport.py | 2 +-

examples/genkey.py | 2 +-

examples/inter-edit.py | 2 +-

examples/pygpa.py | 2 +-

examples/sign.py | 2 +-

examples/signverify.py | 2 +-

examples/simple.py | 2 +-

examples/t-edit.py | 2 +-

examples/testCMSgetkey.py | 2 +-

examples/verifydetails.py | 2 +-

gpgme-h-clean.py | 2 +-
setup.py | 4 ++--
15 files changed, 16 insertions(+), 16 deletions(-)

commit 1a4b55dbccd2774344352e579130bf494bc5fa4b

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 08:50:54 2015 +1000

Removed extraneous files.

* The two .bak files.

pyme/errors.py.bak | 46 -----
setup.py.bak | 116 -----
2 files changed, 162 deletions(-)

commit 208879d4f2a6d0514c3f8ee2fc0da8bba42350de

Author: Ben McGinnes <ben@adversary.org>

Date:

Sat May 2 08:19:37 2015 +1000

Added TODO.org

* TODO list in Emacs org-mode.

* Will eventually be removed along with this entire directory when the
porting process is complete.

2to3/TODO.org | 5 +++++
1 file changed, 5 insertions(+)

commit 1548bf201059638675c5387c6f124d4b703363a9

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 07:58:40 2015 +1000

2to3 conversion of remaining files

* Ran the extended version against all the unmodified python files.

* Only pyme/errors.py required additional work.

2to3/2to3-output-remaining.log | 60 +++++
pyme/errors.py | 2 +-
pyme/errors.py.bak | 46 +++++
3 files changed, 107 insertions(+), 1 deletion(-)

commit 1230650bc6bbe4c14d1284f7877aa932f3e86eb4

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 07:50:39 2015 +1000

2to3 conversion of setup.py

- * Ran extended 2to3 command to produce python 3 code for setup.py.
- * Effectively testing for what to run against the other originally unmodified py2 files.

```
2to3/2to3-output-setup.log | 35 ++++++++
setup.py                  | 7 ++-
setup.py.bak              | 116 ++++++++
3 files changed, 154 insertions(+), 4 deletions(-)
```

commit edad44955f59aa879e95a369591717fb19eec6b7

Author: Ben McGinnes <ben@adversary.org>

Date: Fri May 1 21:50:07 2015 +1000

Removing 2to3 generated .bak files.

- * Not really needed with a real VCS, but couldn't hurt to have them for a couple of revisions. ;)

```
examples/PyGtkGpgKeys.py.bak | 663 -----
examples/encrypt-to-all.py.bak | 65 --
examples/exportimport.py.bak | 75 --
examples/genkey.py.bak | 45 -
examples/inter-edit.py.bak | 57 --
examples/pygpa.py.bak | 1457 -----
examples/sign.py.bak
| 31 -
examples/signverify.py.bak | 78 --
examples/simple.py.bak | 52 --
examples/t-edit.py.bak | 59 --
examples/testCMSgetkey.py.bak | 45 -
examples/verifydetails.py.bak | 100 ---
gpgme-h-clean.py.bak | 42 -
pyme/callbacks.py.bak | 47 --
pyme/constants/data/__init__.py.bak | 4 -
pyme/constants/keylist/__init__.py.bak | 4 -
pyme/constants/sig/__init__.py.bak | 4 -
pyme/core.py.bak | 463 -----
pyme/util.py.bak | 72 --
pyme/version.py.bak | 41 -
20 files changed, 3404 deletions(-)
```

commit 1cfc3c969f885ed191610bffb6d60ac23fdd349e

Author: Ben McGinnes <ben@adversary.org>

Date: Fri May 1 21:45:50 2015 +1000

2to3 conversion log

* The output of the command to convert the code from Python 2 to 3.

* Note: this contains the list of files which were not modified

and

which will or may need to be modified.

2to3/2to3-output.log | 950 ++++++
1 file changed, 950 insertions(+)

commit 078f6cf878aa62d12704fab424198a613a24cc8c

Author: Ben McGinnes <ben@adversary.org>

Date: Fri May 1 21:36:58 2015 +1000

2to3 conversion of pyme master

* Branch from commit 459f3eca659b4949e394c4a032d9ce2053e6c721

* Ran this: or x in `find . | egrep .py\$` ; do 2to3 -w \$x; done ;

* Multiple files not modified, will record elsewhere (see next commit).

examples/PyGtkGpgKeys.py	10 +-
examples/PyGtkGpgKeys.py.bak	663 ++++++
examples/encrypt-to-all.py	12 +-
examples/encrypt-to-all.py.bak	65 ++
examples/exportimport.py	20 +-
examples/exportimport.py.bak	75 ++
examples/genkey.py	2 +-
examples/genkey.py.bak	45 +
examples/inter-edit.py	8 +-
examples/inter-edit.py.bak	57 ++
examples/pygpa.py	40 +-
examples/pygpa.py.bak	1457 ++++++
examples/sign.py	2 +-
examples/sign.py.bak	31 +
examples/signverify.py	18 +-
examples/signverify.py.bak	78 ++
examples/simple.py	8 +-
examples/simple.py.bak	52 ++
examples/t-edit.py	12 +-
examples/t-edit.py.bak	59 ++
examples/testCMSgetkey.py	8 +-
examples/testCMSgetkey.py.bak	45 +
examples/verifydetails.py	34 +-
examples/verifydetails.py.bak	100 +++
gpgme-h-clean.py	2 +-
gpgme-h-clean.py.bak	42 +
pyme/callbacks.py	6 +-

pyme/callbacks.py.bak | 47 ++
pyme/constants/data/__init__.py
| 2 +-
pyme/constants/data/__init__.py.bak | 4 +
pyme/constants/keylist/__init__.py | 2 +-
pyme/constants/keylist/__init__.py.bak | 4 +
pyme/constants/sig/__init__.py | 2 +-
pyme/constants/sig/__init__.py.bak | 4 +
pyme/core.py | 26 +-
pyme/core.py.bak | 463 ++++++++
pyme/util.py | 6 +-
pyme/util.py.bak | 72 ++
pyme/version.py | 2 +-
pyme/version.py.bak | 41 +
40 files changed, 3515 insertions(+), 111 deletions(-)

commit 459f3eca659b4949e394c4a032d9ce2053e6c721

Merge: c5966ab dae7f14

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Wed Jul 9 10:48:33 2014 +0100

Merged in jerrykan/pyme/fix_setup_26 (pull request #1)

Provide support for using setup.py with Python v2.6

commit dae7f14a54e6c2bde0ad4da7308cc7fc0d0c0469

Author: John Kristensen

<john.kristensen@dpipwe.tas.gov.au>

Date: Wed Jul 9 15:54:39 2014 +1000

Provide support for using setup.py with Python v2.6

The setup.py script uses subprocess.check_output() which was introduced in Python v2.7. The equivalent functionality can be achieved without adding much extra code and provide support for Python v2.6.

setup.py | 4 +++-

1 file changed, 3 insertions(+), 1 deletion(-)

commit c5966abec9d772b3922d32650da288fd50a217be

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Thu May 15 19:43:00 2014 +0100

README.txt in ReST, including headlines

README.txt | 8 ++++++--

1 file changed, 6 insertions(+), 2 deletions(-)

commit 43ee8c6f34fa9b6d3975aa6ea60b3d4a741fa721
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date: Thu May 15 19:37:15 2014 +0100

README.txt in ReST

README.txt | 25 ++++++-----
1 file changed, 13 insertions(+), 12 deletions(-)

commit f71a369484cba8801df23ccc5842335fa496c0df
Author:
Martin Albrecht <martinralbrecht@googlemail.com>
Date: Thu May 15 19:28:12 2014 +0100

added MANIFEST.in and README.txt (instead of .md)

MANIFEST.in | 6 ++++++
README.md | 27 -----
README.txt | 27 ++++++
3 files changed, 33 insertions(+), 27 deletions(-)

commit d0d6755229f920b0bed043e9c2731de2d57c096c
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date: Tue May 13 09:52:44 2014 +0100

added mailing list to README

README.md | 19 ++++++---
1 file changed, 16 insertions(+), 3 deletions(-)

commit 30ca60ddf92df684de261cb24c83c68089be0adc
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date: Sun May 11 13:34:28 2014 +0100

we don't need a separate out of date ChangeLog file

ChangeLog | 802 -----
1 file changed, 802 deletions(-)

commit 8263f1a6d38fdb7f5f3dd5c7e28f83caa7528a08
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date:
Sun May 11 13:32:31 2014 +0100

adding README.md

README.md | 14 ++++++
1 file changed, 14 insertions(+)

commit 3fc71b47e9e14b0b984801c28d722723baa4b406
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date: Sat May 10 15:43:06 2014 +0100

ValueError -> RuntimeError

setup.py | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

commit eec432abea56296b9fa36aac0d10926a2335b739
Merge: eea6537 d2738b3
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date: Sat May 10 15:41:02 2014 +0100

Merge branch 'master' of bitbucket.org:malb/pyme

Conflicts:
setup.py

commit eea6537921061b4dcfc54e00a99d3fa110e71433
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date: Sat May 10 15:39:51 2014 +0100

check for swig

setup.py | 8 +++++++
1 file changed, 8 insertions(+)

commit 53867bf9715ee1b4ea873bf5e2fbb7d9740a2b4a
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date: Sat May 10 15:35:04 2014 +0100

more friendly error message if gpgme is missing

setup.py | 8 ++++++-
1 file changed, 7 insertions(+), 1 deletion(-)

commit d2738b35d63b1492d69641c5466103685f2d3a30
Author: Martin Albrecht <martinralbrecht@googlemail.com>
Date: Sat May 10 15:35:04 2014 +0100

more friendly error message if gpgme is missing

setup.py | 8 ++++++-
1 file changed, 7 insertions(+), 1 deletion(-)

commit c0b01240becf8ba6cf1d4c1f64b2cb4c056f5163

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Fri May 9 15:20:24 2014 +0100

version number should have three digits

pyme/version.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 6672bb60b9bec60d38e854016c48658b57774578

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Wed May 7 15:11:08 2014 +0100

bump version number for upcoming release

pyme/version.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 7bd6de700f33ca5d1f27bc16ebbd401f21d2e788

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date:

Sat May 3 19:36:25 2014 +0100

bump version number to indicate changes

pyme/version.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 4fb6bd9b3f47c1a343242ac83b326cacd12a136e

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 3 19:34:07 2014 +0100

pyme instead of pygpgme

setup.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 9548973138d78241a45ccb82333b25f2cf36ce7d

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 3 19:31:10 2014 +0100

dirty hack to make 'python setup.py install' work

setup.py | 7 ++++---
1 file changed, 4 insertions(+), 3 deletions(-)

commit a961d7eab9db478b7e603324bc5d243bd3c84bad

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 3 19:05:44 2014 +0100

moved everything down to the toplevel directory

COPYING	340 ++
COPYING.LESSER	510 +++
ChangeLog	802 +++++
INSTALL	15 +
Makefile	104 +
debian/README.Debian	6 +
debian/changelog	93 +
debian/control	34 +
debian/copyright	25 +
debian/docs	2 +
debian/examples	2 +
debian/rules	99 +
examples/PyGtkGpgKeys.glade	1394 +++++++
examples/PyGtkGpgKeys.gladep	8 +
examples/PyGtkGpgKeys.py	663 ++++
examples/delkey.py	34 +
examples/encrypt-to-all.py	65 +
examples/exportimport.py	75 +
examples/genkey.py	45 +
examples/inter-edit.py	57 +
examples/pygpa.glade	5546 ++++++
examples/pygpa.py	1457 ++++++
examples/sign.py	31 +
examples/signverify.py	78 +
examples/simple.py	52 +
examples/t-edit.py	59 +
examples/testCMSgetkey.py	45 +
examples/verifydetails.py	100 +
gpgme-h-clean.py	42 +
gpgme.i	267 ++
helpers.c	154 +
helpers.h	36 +
pyme/COPYING	340 --
pyme/COPYING.LESSER	510 ---
pyme/ChangeLog	802 ----
pyme/INSTALL	15 -
pyme/Makefile	104 -
pyme/__init__.py	137 +
pyme/callbacks.py	47 +
pyme/constants/__init__.py	7 +
pyme/constants/data/__init__.py	4
+	
pyme/constants/data/encoding.py	20 +

pyme/constants/event.py	20 +
pyme/constants/import.py	20 +
pyme/constants/keylist/__init__.py	4 +
pyme/constants/keylist/mode.py	20 +
pyme/constants/md.py	20 +
pyme/constants/pk.py	20 +
pyme/constants/protocol.py	20 +
pyme/constants/sig/__init__.py	4 +
pyme/constants/sig/mode.py	20 +
pyme/constants/sigsum.py	20 +
pyme/constants/status.py	20 +
pyme/constants/validity.py	20 +
pyme/core.py	463 +++
pyme/debian/README.Debian	6 -
pyme/debian/changelog	93 -
pyme/debian/control	34 -
pyme/debian/copyright	25 -
pyme/debian/docs	2 -
pyme/debian/examples	
2 -	
pyme/debian/rules	99 -
pyme/errors.py	46 +
pyme/examples/PyGtkGpgKeys.glade	1394 -----
pyme/examples/PyGtkGpgKeys.gladep	8 -
pyme/examples/PyGtkGpgKeys.py	663 ----
pyme/examples/delkey.py	34 -
pyme/examples/encrypt-to-all.py	65 -
pyme/examples/exportimport.py	75 -
pyme/examples/genkey.py	45 -
pyme/examples/inter-edit.py	57 -
pyme/examples/pygpa.glade	5546 -----
pyme/examples/pygpa.py	1457 -----
pyme/examples/sign.py	31 -
pyme/examples/signverify.py	78 -
pyme/examples/simple.py	52 -
pyme/examples/t-edit.py	59 -
pyme/examples/testCMSgetkey.py	45 -
pyme/examples/verifydetails.py	100 -
pyme/gpgme-h-clean.py	42 -
pyme/gpgme.i	267 --
pyme/helpers.c	154 -
pyme/helpers.h	36 -
pyme/pyme/__init__.py	137 -
pyme/pyme/callbacks.py	47 -
pyme/pyme/constants/__init__.py	7 -
pyme/pyme/constants/data/__init__.py	4 -
pyme/pyme/constants/data/encoding.py	20 -
pyme/pyme/constants/event.py	20 -

```

pyme/pyme/constants/import.py      | 20 -
pyme/pyme/constants/keylist/__init__.py | 4 -
pyme/pyme/constants/keylist/mode.py | 20 -
pyme/pyme/constants/md.py          | 20 -
pyme/pyme/constants/pk.py          | 20 -
pyme/pyme/constants/protocol.py    | 20 -
pyme/pyme/constants/sig/__init__.py | 4 -
pyme/pyme/constants/sig/mode.py    | 20 -
pyme/pyme/constants/sigsum.py      | 20 -
pyme/pyme/constants/status.py      | 20 -
pyme/pyme/constants/validity.py    | 20
-
pyme/pyme/core.py                  | 463 ---
pyme/pyme/errors.py                | 46 -
pyme/pyme/util.py                  | 72 -
pyme/pyme/version.py               | 41 -
pyme/setup.py                      | 99 -
pyme/util.py                       | 72 +
pyme/version.py                    | 41 +
setup.py                           | 99 +
108 files changed, 13384 insertions(+), 13384 deletions(-)

```

commit 8148cdd424c434e833ce427612ea8c89abc6e41c

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 3 18:58:52 2014 +0100

removing pyme-web

```

pyme-web/Makefile                  | 15 -
pyme-web/default.css               | 37 --
pyme-web/doc/gpgme/ASCII-Armor.html | 57 ---
pyme-web/doc/gpgme/Advanced-Key-Editing.html | 98 ----
pyme-web/doc/gpgme/Algorithms.html | 47 --
pyme-web/doc/gpgme/Building-the-Source.html | 82 ----
.../doc/gpgme/Callback-Based-Data-Buffers.html | 148 -----
pyme-web/doc/gpgme/Cancellation.html | 67 ---
pyme-web/doc/gpgme/Concept-Index.html | 186 -----
pyme-web/doc/gpgme/Context-Attributes.html | 52 --
pyme-web/doc/gpgme/Contexts.html | 61 ---
pyme-web/doc/gpgme/Creating-Contexts.html | 49 --
pyme-web/doc/gpgme/Creating-Data-Buffers.html | 47 --
pyme-web/doc/gpgme/Creating-a-Signature.html | 143 -----
pyme-web/doc/gpgme/Crypto-Engine.html | 79 ---
pyme-web/doc/gpgme/Crypto-Operations.html | 67 ---
.../doc/gpgme/Cryptographic-Message-Syntax.html | 42 --
.../doc/gpgme/Data-Buffer-I_002fO-Operations.html | 104 ----
pyme-web/doc/gpgme/Data-Buffer-Meta_002dData.html | 100 ----
pyme-web/doc/gpgme/Decrypt-and-Verify.html | 79 ---

```

pyme-web/doc/gpgme/Decrypt.html	123 ----
pyme-web/doc/gpgme/Deleting-Keys.html	67

pyme-web/doc/gpgme/Destroying-Contexts.html	46 --
pyme-web/doc/gpgme/Destroying-Data-Buffers.html	70 ---
pyme-web/doc/gpgme/Encrypt.html	45 --
pyme-web/doc/gpgme/Encrypting-a-Plaintext.html	147 -----
pyme-web/doc/gpgme/Engine-Configuration.html	65 ---
pyme-web/doc/gpgme/Engine-Information.html	119 ----
pyme-web/doc/gpgme/Engine-Version-Check.html	48 --
pyme-web/doc/gpgme/Error-Codes.html	133 ----
pyme-web/doc/gpgme/Error-Handling.html	72 ---
pyme-web/doc/gpgme/Error-Sources.html	89 ----
pyme-web/doc/gpgme/Error-Strings.html	80 ---
pyme-web/doc/gpgme/Error-Values.html	159 -----
pyme-web/doc/gpgme/Exchanging-Data.html	58 ---
pyme-web/doc/gpgme/Exporting-Keys.html	101 ----
pyme-web/doc/gpgme/Features.html	59 ---
pyme-web/doc/gpgme/File-Based-Data-Buffers.html	74

pyme-web/doc/gpgme/Function-and-Data-Index.html	229 -----
pyme-web/doc/gpgme/Generating-Keys.html	144 -----
pyme-web/doc/gpgme/Getting-Started.html	55 ---
pyme-web/doc/gpgme/Hash-Algorithms.html	59 ---
pyme-web/doc/gpgme/Header.html	53 --
.../doc/gpgme/I_002fO-Callback-Example-GDK.html	85 ----
.../gpgme/I_002fO-Callback-Example-GTK_002b.html	86 ----
.../doc/gpgme/I_002fO-Callback-Example-Qt.html	99 ----
pyme-web/doc/gpgme/I_002fO-Callback-Example.html	259 -----
pyme-web/doc/gpgme/I_002fO-Callback-Interface.html	142 -----
pyme-web/doc/gpgme/Importing-Keys.html	171 -----
pyme-web/doc/gpgme/Included-Certificates.html	70 ---
pyme-web/doc/gpgme/Information-About-Keys.html	207 -----
.../doc/gpgme/Information-About-Trust-Items.html	75 ---
pyme-web/doc/gpgme/Introduction.html	53 --
pyme-web/doc/gpgme/Key-Listing-Mode.html	99 ----
pyme-web/doc/gpgme/Key-Management.html	260 -----
pyme-web/doc/gpgme/Key-Signatures.html	130 ----
.../doc/gpgme/Largefile-Support-_0028LFS_0029.html	110 ----
pyme-web/doc/gpgme/Library-Copying.html	542 -----
pyme-web/doc/gpgme/Library-Version-Check.html	97 ---
pyme-web/doc/gpgme/Listing-Keys.html	204 -----
pyme-web/doc/gpgme/Listing-Trust-Items.html	88 ----
pyme-web/doc/gpgme/Locale.html	69 ---
pyme-web/doc/gpgme/Manipulating-Data-Buffers.html	45 --
pyme-web/doc/gpgme/Manipulating-Keys.html	63 ---
pyme-web/doc/gpgme/Manipulating-Trust-Items.html	62 ---

pyme-web/doc/gpgme/Memory-Based-Data-Buffers.html	107 ----
pyme-web/doc/gpgme/Multi-Threading.html	93 ----
pyme-web/doc/gpgme/OpenPGP.html	44 --
pyme-web/doc/gpgme/Overview.html	57 ---
pyme-web/doc/gpgme/Passphrase-Callback.html	101 ----
pyme-web/doc/gpgme/Preparation.html	54 --
pyme-web/doc/gpgme/Progress-Meter-Callback.html	80 ---
pyme-web/doc/gpgme/Protocol-Selection.html	60 ---
pyme-web/doc/gpgme/Protocols-and-Engines.html	82 ----
pyme-web/doc/gpgme/Public-Key-Algorithms.html	74 ---
.../doc/gpgme/Registering-I_002fO-Callbacks.html	81 ---
pyme-web/doc/gpgme/Run-Control.html	53 --
pyme-web/doc/gpgme/Selecting-Signers.html	64 ---
pyme-web/doc/gpgme/Sign.html	50 --
pyme-web/doc/gpgme/Signal-Handling.html	61 ---
pyme-web/doc/gpgme/Signature-Notation-Data.html	85 ----
pyme-web/doc/gpgme/Text-Mode.html	63 ---
pyme-web/doc/gpgme/Trust-Item-Management.html	68 ---
pyme-web/doc/gpgme/Using-Automake.html	74 ---
pyme-web/doc/gpgme/Using-External-Event-Loops.html	74 ---
pyme-web/doc/gpgme/Using-Libtool.html	44 --
pyme-web/doc/gpgme/Verify.html	492 -----
pyme-web/doc/gpgme/Waiting-For-Completion.html	77 ---
pyme-web/doc/gpgme/index.html	169 -----
pyme-web/doc/pyme/index.html	164 -----
pyme-web/doc/pyme/pyme.callbacks.html	42 --
.../doc/pyme/pyme.constants.data.encoding.html	48 --
pyme-web/doc/pyme/pyme.constants.data.html	29 --
pyme-web/doc/pyme/pyme.constants.event.html	48 --
pyme-web/doc/pyme/pyme.constants.html	39 --
pyme-web/doc/pyme/pyme.constants.import.html	49 --
pyme-web/doc/pyme/pyme.constants.keylist.html	29 --
pyme-web/doc/pyme/pyme.constants.keylist.mode.html	49 --
pyme-web/doc/pyme/pyme.constants.md.html	58 ---
pyme-web/doc/pyme/pyme.constants.pk.html	50 --
pyme-web/doc/pyme/pyme.constants.protocol.html	48 --
pyme-web/doc/pyme/pyme.constants.sig.html	29 --
pyme-web/doc/pyme/pyme.constants.sig.mode.html	47 --
pyme-web/doc/pyme/pyme.constants.sigsum.html	55 ---
pyme-web/doc/pyme/pyme.constants.status.html	126 -----
pyme-web/doc/pyme/pyme.constants.validity.html	50 --
pyme-web/doc/pyme/pyme.core.html	277 -----
pyme-web/doc/pyme/pyme.errors.html	82 ----
pyme-web/doc/pyme/pyme.html	164 -----
pyme-web/doc/pyme/pyme.util.html	81 ---

pyme-web/doc/pyme/pyme.version.html | 37 --

pyme-web/index.html | 72 ---

112 files changed, 10551 deletions(-)

commit 684d95feb7e10e538a56fb1b27f1456111bacb60

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Mon Jan 6 17:44:20 2014 +0100

fixing op_export_keys()

the conversion of gpgme_key_t [] was restricted to gpgme_key_t [] with the
name recv, i.e. only
the use-cases of encryption were covered.

see: http://sourceforge.net/mailarchive/forum.php?forum_name=pyme-help&max_rows=25&style=nested&viewmonth=201309

pyme/gpgme.i | 6 +++---

1 file changed, 3 insertions(+), 3 deletions(-)

commit 658d23b95110d21eeb50abf4e74701a667521a88

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Mon Jan 6 17:41:33 2014 +0100

deleting CVSROOT

CVSROOT/checkoutlist | 13 -----

CVSROOT/commitinfo | 15 -----

CVSROOT/config | 21 -----

CVSROOT/cvswrappers | 19 -----

CVSROOT/editinfo | 21 -----

CVSROOT/loginfo | 26 -----

CVSROOT/modules | 26 -----

CVSROOT/notify | 12 -----

CVSROOT/rcsinfo | 13 -----

CVSROOT/taginfo | 20 -----

CVSROOT/verifymsg | 21 -----

11 files changed, 207 deletions(-)

commit 576b555499c094c4786d42de9e59aa9826009b89

Author:

convert-repo <devnull@localhost>

Date: Mon Jan 6 15:22:44 2014 +0000

update tags

commit 2dcf0c5b702eb5a18c66ff1e42a72eaa7427af1d

Author: belyi <devnull@localhost>

Date: Wed Nov 26 02:38:33 2008 +0000

Move Windows specific fix from helpers.c to helpers.h so that it works for edit callback as well as for the passphrase one.

pyme/helpers.c | 5 ----
pyme/helpers.h | 5 +++++
2 files changed, 5 insertions(+), 5 deletions(-)

commit 42a035f2ef62470fea7a7f8ee33a1297fa90a603

Author: belyi <devnull@localhost>

Date: Mon Nov 24 21:44:30 2008 +0000

Update the way build directives are constructed on MinGW to have a bit more robust. Update PyMe build version to 0.8.1 in version.py

pyme/pyme/version.py | 2 +-
pyme/setup.py | 10 ++++++--
2 files changed, 9 insertions(+), 3 deletions(-)

commit 3aaa20fbcba17066c9ffd580f5209946022793a2

Author: belyi <devnull@localhost>

Date: Mon Nov 24 06:57:11 2008 +0000

Update changelog

pyme/debian/changelog
| 5 ++++-
1 file changed, 4 insertions(+), 1 deletion(-)

commit 689ff46b2550547e3883f809a6dc40c22c3e137e

Author: belyi <devnull@localhost>

Date: Mon Nov 24 06:50:41 2008 +0000

Fix hang problem on Windows when password is written to a filehandle.
Fix the way path is constructed on MinGW platform.

pyme/helpers.c | 5 +++++
pyme/setup.py | 4 +--
2 files changed, 7 insertions(+), 2 deletions(-)

commit 852a60d541d66cb56f40378182b976fd87a02c46

Author: belyi <devnull@localhost>

Date: Sun Nov 23 04:31:31 2008 +0000

Add Bernard's example testCMSgetkey.py and his updates for verifydetails.py

pyme/examples/testCMSgetkey.py | 45 ++++++
pyme/examples/verifydetails.py | 43 ++++++-----
2 files changed, 77 insertions(+), 11 deletions(-)

commit f080527d9184f3360f0a8ef6136b9a188d8e7d2a

Author: belyi <devnull@localhost>

Date: Thu May 29 18:29:37 2008 +0000

Remove debian packaging for python2.3
since it is removed from both
testing and unstable dists.
Update docs build target to have correct PYTHONPATH set.

pyme/Makefile | 2 +-
pyme/debian/changelog | 4 +++-
pyme/debian/control | 4 ++--
pyme/debian/rules | 2 --
4 files changed, 6 insertions(+), 6 deletions(-)

commit c25d133fcbadf3c7f6e655586b4a05d6e3cf6f0b

Author: belyi <devnull@localhost>

Date: Thu Apr 3 13:37:12 2008 +0000

Forgot to adjust mainText margin. Doing it now.

pyme-web/default.css | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 897286a54a32336d060cd03305cdec7905f34f1

Author: belyi <devnull@localhost>

Date: Thu Apr 3 13:00:11 2008 +0000

Fix an error in default.css and make index.html "Standards Compliant".

pyme-web/default.css | 2 +-
pyme-web/index.html | 7 ++++---
2 files changed, 5 insertions(+), 4 deletions(-)

commit 4e049212bd214449cc0ba1ce06e00782783f328a

Author: belyi <devnull@localhost>

Date: Thu Apr 3 12:38:42 2008 +0000

Adjust spacing
between links.

pyme-web/default.css | 9 ++++++---
1 file changed, 6 insertions(+), 3 deletions(-)

commit cb2bddfbd77483b1deb14f2eab0715a03dd33fcd

Author: belyi <devnull@localhost>

Date: Wed Apr 2 22:50:21 2008 +0000

Make style a big more IE friendly.

pyme-web/default.css | 15 ++++++++-----

1 file changed, 11 insertions(+), 4 deletions(-)

commit ad66f0a1bb01b46baac328e9fee439b35a60c232

Author: belyi <devnull@localhost>

Date: Wed Apr 2 11:58:32 2008 +0000

Make GPGME documentation a bit more web friendly on the index.html page.

pyme-web/doc/gpgme/Algorithms.html | 2 +-

pyme-web/doc/gpgme/Concept-Index.html | 2 +-

pyme-web/doc/gpgme/Contexts.html | 2 +-

pyme-web/doc/gpgme/Error-Handling.html | 2 +-

pyme-web/doc/gpgme/Exchanging-Data.html | 2 +-

pyme-web/doc/gpgme/Function-and-Data-Index.html | 2 +-

pyme-web/doc/gpgme/Introduction.html | 4 +-

pyme-web/doc/gpgme/Library-Copying.html

| 2 +-

pyme-web/doc/gpgme/Preparation.html | 2 +-

pyme-web/doc/gpgme/Protocols-and-Engines.html | 2 +-

pyme-web/doc/gpgme/index.html | 229 +-----

11 files changed, 12 insertions(+), 239 deletions(-)

commit 4f57c0ccb049d4442e7732e2d1d05dabffd2a21d

Author: belyi <devnull@localhost>

Date: Wed Apr 2 06:12:57 2008 +0000

Add missing core.set_locale() to set default locale for contexts.

pyme/debian/changelog | 2 +-

pyme/pyme/core.py | 4 ++++

2 files changed, 5 insertions(+), 1 deletion(-)

commit acf7ead3dea8590cf9fe86b67bb125837ad6ed4f

Author: belyi <devnull@localhost>

Date: Wed Apr 2 05:50:24 2008 +0000

Avoid leaks caused by keys.

Add set/get methods for engine info.

pyme/debian/changelog | 10 ++++++++

pyme/pyme/core.py | 24 ++++++

2 files changed, 34 insertions(+)

commit df4a2fb518adbb6420d95ce74af212c87abff7e7

Author: belyi <devnull@localhost>

Date: Wed Apr 2

04:04:41 2008 +0000

Update index.html to reflect new versions on the web.

pyme-web/Makefile | 3 ++-

pyme-web/doc/gpgme/index.html | 4 +---

pyme-web/index.html | 4 ++--

3 files changed, 5 insertions(+), 6 deletions(-)

commit bd3ffc9bdf98d6aafde6b689c6c8215fa468612d

Author: belyi <devnull@localhost>

Date: Wed Apr 2 04:01:04 2008 +0000

Update PyMe documentation to match 0.8.0 version of the package.

pyme-web/doc/pyme/index.html | 14 ++++-----

pyme-web/doc/pyme/pyme.constants.keylist.mode.html | 1 +

pyme-web/doc/pyme/pyme.constants.protocol.html | 4 ++-

pyme-web/doc/pyme/pyme.constants.status.html | 9 ++++++

pyme-web/doc/pyme/pyme.core.html | 36 ++++++++-----

pyme-web/doc/pyme/pyme.errors.html | 8 ++--

pyme-web/doc/pyme/pyme.html | 14 ++++-----

pyme-web/doc/pyme/pyme.util.html | 17 ++++++---

pyme-web/doc/pyme/pyme.version.html

| 14 ++++-----

9 files changed, 82 insertions(+), 35 deletions(-)

commit 6973a69a317608a0d0661590d701f4e3f3a21b32

Author: belyi <devnull@localhost>

Date: Wed Apr 2 02:35:24 2008 +0000

Have a fix for Contents being put onto 'Function and Data Index' page.

pyme-web/doc/gpgme/Concept-Index.html | 2 +-

pyme-web/doc/gpgme/Function-and-Data-Index.html | 153 +-----

pyme-web/doc/gpgme/index.html | 154 ++++++++-----

3 files changed, 155 insertions(+), 154 deletions(-)

commit 086315964cbc2abad1187f306dcb9c72ac3257f3

Author: belyi <devnull@localhost>

Date: Wed Apr 2 01:00:29 2008 +0000

Update GPGME documentation. It's for v1.1.6 now.

pyme-web/doc/gpgme/ASCII-Armor.html | 57 ++
 pyme-web/doc/gpgme/Advanced-Key-Editing.html | 98 +++
 pyme-web/doc/gpgme/Algorithms.html | 47 ++
 pyme-web/doc/gpgme/Building-the-Source.html | 82 +++
 .../doc/gpgme/Callback-Based-Data-Buffers.html
 | 148 +++++
 pyme-web/doc/gpgme/Cancellation.html | 67 ++
 pyme-web/doc/gpgme/Concept-Index.html | 186 ++++++
 pyme-web/doc/gpgme/Context-Attributes.html | 52 ++
 pyme-web/doc/gpgme/Contexts.html | 61 ++
 pyme-web/doc/gpgme/Creating-Contexts.html | 49 ++
 pyme-web/doc/gpgme/Creating-Data-Buffers.html | 47 ++
 pyme-web/doc/gpgme/Creating-a-Signature.html | 143 +++++
 pyme-web/doc/gpgme/Crypto-Engine.html | 79 +++
 pyme-web/doc/gpgme/Crypto-Operations.html | 67 ++
 .../doc/gpgme/Cryptographic-Message-Syntax.html | 42 ++
 .../doc/gpgme/Data-Buffer-I_002fO-Operations.html | 104 ++++
 pyme-web/doc/gpgme/Data-Buffer-Meta_002dData.html | 100 +++
 pyme-web/doc/gpgme/Decrypt-and-Verify.html | 79 +++
 pyme-web/doc/gpgme/Decrypt.html | 123 ++++
 pyme-web/doc/gpgme/Deleting-Keys.html | 67 ++
 pyme-web/doc/gpgme/Destroying-Contexts.html
 | 46 ++
 pyme-web/doc/gpgme/Destroying-Data-Buffers.html | 70 +++
 pyme-web/doc/gpgme/Encrypt.html | 45 ++
 pyme-web/doc/gpgme/Encrypting-a-Plaintext.html | 147 ++++++
 pyme-web/doc/gpgme/Engine-Configuration.html | 65 ++
 pyme-web/doc/gpgme/Engine-Information.html | 119 ++++
 pyme-web/doc/gpgme/Engine-Version-Check.html | 48 ++
 pyme-web/doc/gpgme/Error-Codes.html | 133 ++++
 pyme-web/doc/gpgme/Error-Handling.html | 72 +++
 pyme-web/doc/gpgme/Error-Sources.html | 89 +++
 pyme-web/doc/gpgme/Error-Strings.html | 80 +++
 pyme-web/doc/gpgme/Error-Values.html | 159 ++++++
 pyme-web/doc/gpgme/Exchanging-Data.html | 58 ++
 pyme-web/doc/gpgme/Exporting-Keys.html | 101 +++
 pyme-web/doc/gpgme/Features.html | 59 ++
 pyme-web/doc/gpgme/File-Based-Data-Buffers.html | 74 +++
 pyme-web/doc/gpgme/Function-and-Data-Index.html
 | 380 ++++++
 pyme-web/doc/gpgme/Generating-Keys.html | 144 ++++++
 pyme-web/doc/gpgme/Getting-Started.html | 55 ++
 pyme-web/doc/gpgme/Hash-Algorithms.html | 59 ++
 pyme-web/doc/gpgme/Header.html | 53 ++
 .../doc/gpgme/I_002fO-Callback-Example-GDK.html | 85 +++
 .../gpgme/I_002fO-Callback-Example-GTK_002b.html | 86 +++
 .../doc/gpgme/I_002fO-Callback-Example-Qt.html | 99 +++

pyme-web/doc/gpgme/I_002fO-Callback-Example.html | 259 +++++++
 pyme-web/doc/gpgme/I_002fO-Callback-Interface.html | 142 +++++
 pyme-web/doc/gpgme/Importing-Keys.html | 171 +++++
 pyme-web/doc/gpgme/Included-Certificates.html | 70 +++
 pyme-web/doc/gpgme/Information-About-Keys.html | 207 +++++++
 .../doc/gpgme/Information-About-Trust-Items.html | 75 +++
 pyme-web/doc/gpgme/Introduction.html | 53 ++
 pyme-web/doc/gpgme/Key-Listing-Mode.html | 99 +++
 pyme-web/doc/gpgme/Key-Management.html
 | 260 +++++++
 pyme-web/doc/gpgme/Key-Signatures.html | 130 ++++
 .../doc/gpgme/Largefile-Support-_0028LFS_0029.html | 110 ++++
 pyme-web/doc/gpgme/Library-Copying.html | 542 ++++++++
 pyme-web/doc/gpgme/Library-Version-Check.html | 97 +++
 pyme-web/doc/gpgme/Listing-Keys.html | 204 ++++++
 pyme-web/doc/gpgme/Listing-Trust-Items.html | 88 +++
 pyme-web/doc/gpgme/Locale.html | 69 +++
 pyme-web/doc/gpgme/Manipulating-Data-Buffers.html | 45 ++
 pyme-web/doc/gpgme/Manipulating-Keys.html | 63 ++
 pyme-web/doc/gpgme/Manipulating-Trust-Items.html | 62 ++
 pyme-web/doc/gpgme/Memory-Based-Data-Buffers.html | 107 ++++
 pyme-web/doc/gpgme/Multi-Threading.html | 93 +++
 pyme-web/doc/gpgme/OpenPGP.html | 44 ++
 pyme-web/doc/gpgme/Overview.html | 57 ++
 pyme-web/doc/gpgme/Passphrase-Callback.html | 101 +++
 pyme-web/doc/gpgme/Preparation.html
 | 54 ++
 pyme-web/doc/gpgme/Progress-Meter-Callback.html | 80 +++
 pyme-web/doc/gpgme/Protocol-Selection.html | 60 ++
 pyme-web/doc/gpgme/Protocols-and-Engines.html | 82 +++
 pyme-web/doc/gpgme/Public-Key-Algorithms.html | 74 +++
 .../doc/gpgme/Registering-I_002fO-Callbacks.html | 81 +++
 pyme-web/doc/gpgme/Run-Control.html | 53 ++
 pyme-web/doc/gpgme/Selecting-Signers.html | 64 ++
 pyme-web/doc/gpgme/Sign.html | 50 ++
 pyme-web/doc/gpgme/Signal-Handling.html | 61 ++
 pyme-web/doc/gpgme/Signature-Notation-Data.html | 85 +++
 pyme-web/doc/gpgme/Text-Mode.html | 63 ++
 pyme-web/doc/gpgme/Trust-Item-Management.html | 68 ++
 pyme-web/doc/gpgme/Using-Automake.html | 74 +++
 pyme-web/doc/gpgme/Using-External-Event-Loops.html | 74 +++
 pyme-web/doc/gpgme/Using-Libtool.html | 44 ++
 pyme-web/doc/gpgme/Verify.html
 | 492 ++++++++
 pyme-web/doc/gpgme/Waiting-For-Completion.html | 77 +++
 pyme-web/doc/gpgme/gpgme.html | 251 -----
 pyme-web/doc/gpgme/gpgme_1.html | 76 ---
 pyme-web/doc/gpgme/gpgme_10.html | 61 --

pyme-web/doc/gpgme/gpgme_11.html	130 ----
pyme-web/doc/gpgme/gpgme_12.html	82 ---
pyme-web/doc/gpgme/gpgme_13.html	130 ----
pyme-web/doc/gpgme/gpgme_14.html	108 ----
pyme-web/doc/gpgme/gpgme_15.html	69 ---
pyme-web/doc/gpgme/gpgme_16.html	169 -----
pyme-web/doc/gpgme/gpgme_17.html	63 --
pyme-web/doc/gpgme/gpgme_18.html	63 --
pyme-web/doc/gpgme/gpgme_19.html	66 --
pyme-web/doc/gpgme/gpgme_2.html	79 ---
pyme-web/doc/gpgme/gpgme_20.html	120 ----
pyme-web/doc/gpgme/gpgme_21.html	102 ---
pyme-web/doc/gpgme/gpgme_22.html	108 ----
pyme-web/doc/gpgme/gpgme_23.html	237 -----
pyme-web/doc/gpgme/gpgme_24.html	154 ----
pyme-web/doc/gpgme/gpgme_25.html	248 -----
pyme-web/doc/gpgme/gpgme_26.html	107 ----
pyme-web/doc/gpgme/gpgme_27.html	80 ---
pyme-web/doc/gpgme/gpgme_28.html	67 --
pyme-web/doc/gpgme/gpgme_29.html	164 ----
pyme-web/doc/gpgme/gpgme_3.html	86 ---
pyme-web/doc/gpgme/gpgme_30.html	106 ----
pyme-web/doc/gpgme/gpgme_31.html	232 -----
pyme-web/doc/gpgme/gpgme_32.html	85 ---
pyme-web/doc/gpgme/gpgme_33.html	223 -----
pyme-web/doc/gpgme/gpgme_34.html	83 ---
pyme-web/doc/gpgme/gpgme_35.html	70 ---
pyme-web/doc/gpgme/gpgme_36.html	63 --
pyme-web/doc/gpgme/gpgme_37.html	66 --
pyme-web/doc/gpgme/gpgme_38.html	86 ---
pyme-web/doc/gpgme/gpgme_39.html	79 ---
pyme-web/doc/gpgme/gpgme_4.html	83 ---
pyme-web/doc/gpgme/gpgme_40.html	89 ---
pyme-web/doc/gpgme/gpgme_41.html	99 ---
pyme-web/doc/gpgme/gpgme_42.html	144 ----
pyme-web/doc/gpgme/gpgme_43.html	152 ----
pyme-web/doc/gpgme/gpgme_44.html	112 ----
pyme-web/doc/gpgme/gpgme_45.html	101 ---
pyme-web/doc/gpgme/gpgme_46.html	459 -----
pyme-web/doc/gpgme/gpgme_47.html	292 -----
pyme-web/doc/gpgme/gpgme_48.html	363 -----
pyme-web/doc/gpgme/gpgme_49.html	209 -----
pyme-web/doc/gpgme/gpgme_5.html	74 ---
pyme-web/doc/gpgme/gpgme_50.html	88 ---
pyme-web/doc/gpgme/gpgme_51.html	208 -----

pyme-web/doc/gpgme/gpgme_52.html	154 ----
pyme-web/doc/gpgme/gpgme_53.html	291 -----
pyme-web/doc/gpgme/gpgme_54.html	91 ---
pyme-web/doc/gpgme/gpgme_55.html	107 ----
pyme-web/doc/gpgme/gpgme_56.html	140 ----
pyme-web/doc/gpgme/gpgme_57.html	106 ----
pyme-web/doc/gpgme/gpgme_58.html	89 ---
pyme-web/doc/gpgme/gpgme_59.html	97 ---
pyme-web/doc/gpgme/gpgme_6.html	77 ---
pyme-web/doc/gpgme/gpgme_60.html	142 ----
pyme-web/doc/gpgme/gpgme_61.html	626 -----
pyme-web/doc/gpgme/gpgme_62.html	107 ----
pyme-web/doc/gpgme/gpgme_63.html	67 --
pyme-web/doc/gpgme/gpgme_64.html	95 ---
pyme-web/doc/gpgme/gpgme_65.html	233 -----
pyme-web/doc/gpgme/gpgme_66.html	65 --
pyme-web/doc/gpgme/gpgme_67.html	220 -----
pyme-web/doc/gpgme/gpgme_68.html	75 ---
pyme-web/doc/gpgme/gpgme_69.html	119 ----
pyme-web/doc/gpgme/gpgme_7.html	123 ----
pyme-web/doc/gpgme/gpgme_70.html	107 ----
pyme-web/doc/gpgme/gpgme_71.html	218 -----
pyme-web/doc/gpgme/gpgme_72.html	134 ----
pyme-web/doc/gpgme/gpgme_73.html	299 -----
pyme-web/doc/gpgme/gpgme_74.html	103 ----
pyme-web/doc/gpgme/gpgme_75.html	104 ----
pyme-web/doc/gpgme/gpgme_76.html	118 ----
pyme-web/doc/gpgme/gpgme_77.html	95 ---
pyme-web/doc/gpgme/gpgme_78.html	71 ---
pyme-web/doc/gpgme/gpgme_79.html	686 -----
pyme-web/doc/gpgme/gpgme_8.html	155 ----
pyme-web/doc/gpgme/gpgme_80.html	120 ----
pyme-web/doc/gpgme/gpgme_81.html	278 -----
pyme-web/doc/gpgme/gpgme_82.html	272 -----
pyme-web/doc/gpgme/gpgme_83.html	180 -----
pyme-web/doc/gpgme/gpgme_84.html	99 ---
pyme-web/doc/gpgme/gpgme_9.html	104 ----
pyme-web/doc/gpgme/gpgme_abt.html	206 -----
pyme-web/doc/gpgme/gpgme_fot.html	53 --
pyme-web/doc/gpgme/gpgme_ovr.html	68 --
pyme-web/doc/gpgme/gpgme_toc.html	247 -----
pyme-web/doc/gpgme/index.html	497 +++++++-----

176 files changed, 9054 insertions(+), 13378 deletions(-)

commit 163c1053dc761682f5a4231da163bdd0ff7162d7

Author: belyi <devnull@localhost>

Date:

Tue Apr 1 21:14:29 2008 +0000

Update Home page to be a bit more visitor friendly.

```
pyme-web/Makefile | 2 +-
pyme-web/default.css | 27 ++++++
pyme-web/index.html | 70 ++++++-----
3 files changed, 75 insertions(+), 24 deletions(-)
```

commit 05db2d17d8fda0ab8c948bbdc0643dfc1466830d

Author: belyi <devnull@localhost>

Date: Sun Mar 30 21:27:38 2008 +0000

Add a rule to build binary distribution for Windows.

```
pyme/Makefile | 16 ++++++
1 file changed, 14 insertions(+), 2 deletions(-)
```

commit 57acb1089f5f8c24323ee62fc0a7f492a496b9c0

Author: belyi <devnull@localhost>

Date: Sat Mar 29 22:50:11 2008 +0000

Switch to using central location for python files (pycentral)

Update docs rule to fix location of the python source files.

```
pyme/Makefile | 5 +++-
pyme/debian/changelog | 4 +-
pyme/debian/control | 74 +++++-----
pyme/debian/dirs
| 2 --
pyme/debian/docs | 1 +
pyme/debian/postinst.ex | 48 -----
pyme/debian/postrm.ex | 38 -----
pyme/debian/preinst.ex | 44 -----
pyme/debian/prerm.ex | 39 -----
pyme/debian/rules | 50 +++++-----
pyme/debian/setup.cfg-2.2 | 8 ----
pyme/debian/setup.cfg-2.3 | 8 ----
pyme/debian/setup.cfg-2.4 | 8 ----
pyme/gpgme-h-clean.py | 2 +-
pyme/pyme/core.py | 2 +-
pyme/pyme/util.py | 2 +-
16 files changed, 28 insertions(+), 307 deletions(-)
```

commit 2b56fd10517cfbcffaa4ba98d8ea42f40f0d38a9

Author: belyi <devnull@localhost>

Date: Sun Mar 23 02:01:12 2008 +0000

Turn SWIG's autodoc feature on. Ignore 'next' in the types which are lists now.
Use new style for class declarations. Specify None as a default value for
core.check_version() method. Update version.py for 0.8.0 version.

```
pyme/examples/pygpa.py
| 2 +-
pyme/gpgme.i          | 5 +++++
pyme/pyme/core.py     | 2 +-
pyme/pyme/util.py     | 5 +++--
pyme/pyme/version.py  | 6 +++---
5 files changed, 13 insertions(+), 7 deletions(-)
```

commit df5e25d7ee4dc0aa0d429f9d009322dd8ac33bb8
Author: belyi <devnull@localhost>
Date: Thu Mar 20 19:07:00 2008 +0000

Improve matching for DEPRECATED typedefs

```
pyme/gpgme-h-clean.py | 4 +++-
1 file changed, 2 insertions(+), 2 deletions(-)
```

commit 78d8fc732848ac267ec65e9069265cd500587cdf
Author: belyi <devnull@localhost>
Date: Wed Mar 19 19:28:40 2008 +0000

Update API to use list when types containing 'next' field are return.
Update examples accordingly
Add verifydetails.py example
Start adding bullets for 0.8.0 version.

```
pyme/Makefile          | 2 +-
pyme/debian/changelog   | 14 +++++++-
pyme/examples/PyGtkGpgKeys.py | 53 ++++++++-----
pyme/examples/delkey.py  | 7 +++-
pyme/examples/encrypt-to-all.py | 7 +++-
pyme/examples/exportimport.py | 7 +++-
pyme/examples/pygpa.py   | 70 ++++++++-----
pyme/examples/signverify.py | 11 +++---
pyme/examples/verifydetails.py | 79 ++++++++-----
pyme/gpgme.i           | 19 ++++++++-
10 files changed, 180 insertions(+), 89 deletions(-)
```

commit 342d85b07475e7360bcd62804bf5facda039494f
Author: belyi <devnull@localhost>
Date: Mon Mar 10 01:14:16 2008 +0000

Change references to source files so that they point to the WebCVS browse
location.


```

pyme-web/doc/pyme/index.html          | 2 +-
pyme-web/doc/pyme/pyme.callbacks.html  | 2 +-
pyme-web/doc/pyme/pyme.constants.data.encoding.html | 2 +-
pyme-web/doc/pyme/pyme.constants.data.html      | 2 +-
pyme-web/doc/pyme/pyme.constants.event.html     | 2 +-
pyme-web/doc/pyme/pyme.constants.html          | 2 +-
pyme-web/doc/pyme/pyme.constants.import.html    | 2 +-
pyme-web/doc/pyme/pyme.constants.keylist.html   | 2 +-
pyme-web/doc/pyme/pyme.constants.keylist.mode.html | 2 +-
pyme-web/doc/pyme/pyme.constants.md.html        | 2 +-
pyme-web/doc/pyme/pyme.constants.pk.html        | 2 +-
pyme-web/doc/pyme/pyme.constants.protocol.html  | 2 +-
pyme-web/doc/pyme/pyme.constants.sig.html       | 2 +-
pyme-web/doc/pyme/pyme.constants.sig.mode.html  | 2 +-
pyme-web/doc/pyme/pyme.constants.sigsum.html    | 2 +-
pyme-web/doc/pyme/pyme.constants.status.html    | 2 +-
pyme-web/doc/pyme/pyme.constants.validity.html  | 2 +-
pyme-web/doc/pyme/pyme.core.html               | 2 +-
pyme-web/doc/pyme/pyme.errors.html              | 2 +-
pyme-web/doc/pyme/pyme.html                  | 2 +-
pyme-web/doc/pyme/pyme.util.html               | 2 +-
pyme-web/doc/pyme/pyme.version.html            | 2 +-
22 files changed, 22 insertions(+), 22 deletions(-)

```

commit 4139dd1d066c1a6c892d84fe45dc3e6c4aa1b803

Author: belyi

<devnull@localhost>

Date: Sat Mar 8 18:21:08 2008 +0000

Add core.check_version(None) to all examples since this function is used by Gpgme to do internal initialization. Update debian/rules to use dh_pysupport instead of deprecated dh_python.

```

pyme/debian/rules          | 8 +++-----
pyme/examples/PyGtkGpgKeys.py | 7 ++++++-
pyme/examples/delkey.py     | 2 ++
pyme/examples/encrypt-to-all.py | 3 +++
pyme/examples/exportimport.py | 2 ++
pyme/examples/genkey.py     | 1 +
pyme/examples/inter-edit.py | 3 +++
pyme/examples/pygpa.py      | 5 +++++
pyme/examples/sign.py       | 2 ++
pyme/examples/signverify.py | 2 ++
pyme/examples/simple.py     | 2 ++
pyme/examples/t-edit.py     | 3 +++
12 files changed, 34 insertions(+), 6 deletions(-)

```

commit ae76c6176457dd38e0634cbc17d794294a3a81d2

Author: belyi <devnull@localhost>

Date: Wed Apr 12 22:20:38 2006 +0000

Change name of internal package name from 'gpgme' to 'pygpgme' to avoid conflict with gpgme.dll on Windows.

Fix build with SWIG 1.3.28.

Change version to 0.7.1 in a preparation for new release.

```
pyme/Makefile      | 3 +-
pyme/debian/changelog | 12 ++++
pyme/gpgme.i       | 19 +++--
pyme/pyme/callbacks.py | 1 -
pyme/pyme/core.py   | 153 ++++++-----
pyme/pyme/errors.py | 12 ++--
pyme/pyme/util.py   | 10 ++--
pyme/pyme/version.py | 2 +-
pyme/setup.py       | 4 +-
9 files changed, 116 insertions(+), 100 deletions(-)
```

commit d644383a76e9f83bc2d426628319e3c4a989dc2d

Author: belyi <devnull@localhost>

Date: Sat Dec 17 01:34:53 2005 +0000

Put all constants into pyme.constants package to avoid stepping on python reserved words.

Add build rules for Mingw32 and Cygwin on Windows. Rules for Mingw under Debian are still to come.

Fixed a small bug in pygpa.py example.

```
pyme/Makefile      | 11 ++++++---
pyme/examples/pygpa.py
| 3 +-
pyme/pyme/__init__.py | 2 +-
pyme/pyme/constants/__init__.py | 3 +++
pyme/setup.py       | 42 ++++++-----
5 files changed, 51 insertions(+), 10 deletions(-)
```

commit 89eb370fcaa8adc9d219eadbaa579dde7bf06329

Author: belyi <devnull@localhost>

Date: Mon Aug 1 03:08:32 2005 +0000

Imported changes provided by Joost van Baal:

Use dh_python in debian/rules and change the Section pyme belongs to from 'libs' to 'python'.

```
pyme/debian/control | 6 +++--
```

pyme/debian/rules | 2 ++

2 files changed, 5 insertions(+), 3 deletions(-)

commit ad76d10c2a77b45b7459c62131279e946b860891

Author: belyi <devnull@localhost>

Date: Fri Jun 10 03:01:22 2005 +0000

Update 'docs' rule in Makefile to build packages first to ensure that documentation is build for the current version of pyme and not for the installed one.

Added 'callbacks' into the list of visible pyme modules (__all__ var.)

Slightly updated INSTALL
file.

pyme/INSTALL | 11 ++++++----

pyme/Makefile | 4 ++--

pyme/pyme/__init__.py | 2 +-
3 files changed, 11 insertions(+), 6 deletions(-)

commit 2fe1a81e00721698bfa6850b3db2eb85e43d1724

Author: belyi <devnull@localhost>

Date: Wed Jun 8 16:16:18 2005 +0000

Update pyme documentation to remove dead links to pyme.gpgme.html and pyme._gpgme.html

Added reference to the installed GPGME and PyMe documentation to the head web page.

Updated Makefile to install all *.html files and to clean *~ files in all subdirectories

pyme-web/Makefile | 10 ++++++----

pyme-web/doc/pyme/index.html | 8 +++-----

pyme-web/doc/pyme/pyme.callbacks.html | 8 -----

pyme-web/doc/pyme/pyme.core.html | 1 -

pyme-web/doc/pyme/pyme.errors.html | 8 -----

pyme-web/doc/pyme/pyme.html | 8 +++-----

pyme-web/doc/pyme/pyme.util.html | 8 -----

pyme-web/index.html | 9 ++++++--

8 files

changed, 19 insertions(+), 41 deletions(-)

commit 6aa34cce4ea0099e50b4936dfee59778157b8ca8

Author: belyi <devnull@localhost>

Date: Wed Jun 8 15:18:20 2005 +0000

Added pyme and gpgme documentation.

pyme-web/doc/gpgme/gpgme.html	251 +++++++
pyme-web/doc/gpgme/gpgme_1.html	76 +++
pyme-web/doc/gpgme/gpgme_10.html	61 ++
pyme-web/doc/gpgme/gpgme_11.html	130 ++++
pyme-web/doc/gpgme/gpgme_12.html	82 +++
pyme-web/doc/gpgme/gpgme_13.html	130 ++++
pyme-web/doc/gpgme/gpgme_14.html	108 ++++
pyme-web/doc/gpgme/gpgme_15.html	69 +++
pyme-web/doc/gpgme/gpgme_16.html	169 +++++
pyme-web/doc/gpgme/gpgme_17.html	63 ++
pyme-web/doc/gpgme/gpgme_18.html	63 ++
pyme-web/doc/gpgme/gpgme_19.html	66 ++
pyme-web/doc/gpgme/gpgme_2.html	79 +++
pyme-web/doc/gpgme/gpgme_20.html	120 ++++
pyme-web/doc/gpgme/gpgme_21.html	102 +++
pyme-web/doc/gpgme/gpgme_22.html	108 ++++
pyme-web/doc/gpgme/gpgme_23.html	237 +++++++
pyme-web/doc/gpgme/gpgme_24.html	154 +++++
pyme-web/doc/gpgme/gpgme_25.html	248 +++++++
pyme-web/doc/gpgme/gpgme_26.html	107 ++++
pyme-web/doc/gpgme/gpgme_27.html	80 +++
pyme-web/doc/gpgme/gpgme_28.html	67 ++
pyme-web/doc/gpgme/gpgme_29.html	164 +++++
pyme-web/doc/gpgme/gpgme_3.html	86 +++
pyme-web/doc/gpgme/gpgme_30.html	106 ++++
pyme-web/doc/gpgme/gpgme_31.html	232 +++++++
pyme-web/doc/gpgme/gpgme_32.html	85 +++
pyme-web/doc/gpgme/gpgme_33.html	223 +++++++
pyme-web/doc/gpgme/gpgme_34.html	83 +++
pyme-web/doc/gpgme/gpgme_35.html	70 +++
pyme-web/doc/gpgme/gpgme_36.html	63 ++
pyme-web/doc/gpgme/gpgme_37.html	66 ++
pyme-web/doc/gpgme/gpgme_38.html	86 +++
pyme-web/doc/gpgme/gpgme_39.html	79 +++
pyme-web/doc/gpgme/gpgme_4.html	83 +++
pyme-web/doc/gpgme/gpgme_40.html	89 +++
pyme-web/doc/gpgme/gpgme_41.html	99 +++
pyme-web/doc/gpgme/gpgme_42.html	144 +++++
pyme-web/doc/gpgme/gpgme_43.html	152 +++++
pyme-web/doc/gpgme/gpgme_44.html	112 ++++
pyme-web/doc/gpgme/gpgme_45.html	101 +++
pyme-web/doc/gpgme/gpgme_46.html	459 ++++++
pyme-web/doc/gpgme/gpgme_47.html	292 +++++++
pyme-web/doc/gpgme/gpgme_48.html	363 +++++++
pyme-web/doc/gpgme/gpgme_49.html	

209 +++++++	
pyme-web/doc/gpgme/gpgme_5.html	74 +++
pyme-web/doc/gpgme/gpgme_50.html	88 +++
pyme-web/doc/gpgme/gpgme_51.html	208 +++++++
pyme-web/doc/gpgme/gpgme_52.html	154 +++++
pyme-web/doc/gpgme/gpgme_53.html	291 ++++++++
pyme-web/doc/gpgme/gpgme_54.html	91 +++
pyme-web/doc/gpgme/gpgme_55.html	107 +++++
pyme-web/doc/gpgme/gpgme_56.html	140 +++++
pyme-web/doc/gpgme/gpgme_57.html	106 +++++
pyme-web/doc/gpgme/gpgme_58.html	89 +++
pyme-web/doc/gpgme/gpgme_59.html	97 +++
pyme-web/doc/gpgme/gpgme_6.html	77 +++
pyme-web/doc/gpgme/gpgme_60.html	142 +++++
pyme-web/doc/gpgme/gpgme_61.html	626 ++++++
pyme-web/doc/gpgme/gpgme_62.html	
107 +++++	
pyme-web/doc/gpgme/gpgme_63.html	67 ++
pyme-web/doc/gpgme/gpgme_64.html	95 +++
pyme-web/doc/gpgme/gpgme_65.html	233 +++++++
pyme-web/doc/gpgme/gpgme_66.html	65 ++
pyme-web/doc/gpgme/gpgme_67.html	220 +++++++
pyme-web/doc/gpgme/gpgme_68.html	75 +++
pyme-web/doc/gpgme/gpgme_69.html	119 +++++
pyme-web/doc/gpgme/gpgme_7.html	123 +++++
pyme-web/doc/gpgme/gpgme_70.html	107 +++++
pyme-web/doc/gpgme/gpgme_71.html	218 +++++++
pyme-web/doc/gpgme/gpgme_72.html	134 +++++
pyme-web/doc/gpgme/gpgme_73.html	299 ++++++++
pyme-web/doc/gpgme/gpgme_74.html	103 +++++
pyme-web/doc/gpgme/gpgme_75.html	104 +++++
pyme-web/doc/gpgme/gpgme_76.html	118 +++++
pyme-web/doc/gpgme/gpgme_77.html	
95 +++	
pyme-web/doc/gpgme/gpgme_78.html	71 +++
pyme-web/doc/gpgme/gpgme_79.html	686 ++++++
pyme-web/doc/gpgme/gpgme_8.html	155 +++++
pyme-web/doc/gpgme/gpgme_80.html	120 +++++
pyme-web/doc/gpgme/gpgme_81.html	278 ++++++++
pyme-web/doc/gpgme/gpgme_82.html	272 ++++++++
pyme-web/doc/gpgme/gpgme_83.html	180 ++++++
pyme-web/doc/gpgme/gpgme_84.html	99 +++
pyme-web/doc/gpgme/gpgme_9.html	104 +++++
pyme-web/doc/gpgme/gpgme_abt.html	206 ++++++
pyme-web/doc/gpgme/gpgme_fot.html	53 ++
pyme-web/doc/gpgme/gpgme_ovr.html	68 ++
pyme-web/doc/gpgme/gpgme_toc.html	247 ++++++++
pyme-web/doc/gpgme/index.html	251 ++++++++

```

pyme-web/doc/pyme/index.html
    | 166 +++++
pyme-web/doc/pyme/pyme.callbacks.html      | 50 ++
.../doc/pyme/pyme.constants.data.encoding.html | 48 ++
pyme-web/doc/pyme/pyme.constants.data.html  | 29 +
pyme-web/doc/pyme/pyme.constants.event.html | 48 ++
pyme-web/doc/pyme/pyme.constants.html       | 39 ++
pyme-web/doc/pyme/pyme.constants.import.html | 49 ++
pyme-web/doc/pyme/pyme.constants.keylist.html | 29 +
pyme-web/doc/pyme/pyme.constants.keylist.mode.html | 48 ++
pyme-web/doc/pyme/pyme.constants.md.html    | 58 ++
pyme-web/doc/pyme/pyme.constants.pk.html    | 50 ++
pyme-web/doc/pyme/pyme.constants.protocol.html | 46 ++
pyme-web/doc/pyme/pyme.constants.sig.html    | 29 +
pyme-web/doc/pyme/pyme.constants.sig.mode.html | 47 ++
pyme-web/doc/pyme/pyme.constants.sigsum.html | 55 ++
pyme-web/doc/pyme/pyme.constants.status.html | 117 +++++
pyme-web/doc/pyme/pyme.constants.validity.html | 50 ++
pyme-web/doc/pyme/pyme.core.html
    | 254 ++++++++
pyme-web/doc/pyme/pyme.errors.html          | 90 +++
pyme-web/doc/pyme/pyme.html                 | 166 +++++
pyme-web/doc/pyme/pyme.util.html            | 78 +++
pyme-web/doc/pyme/pyme.version.html         | 37 ++
pyme-web/index.html                        | 6 +-
113 files changed, 14966 insertions(+), 1 deletion(-)

```

commit 2d6fe54479f042644f7b0f3d2fe35877d2056144

Author: belyi <devnull@localhost>

Date: Thu May 19 02:06:09 2005 +0000

Added INSTALL file.

```

pyme/INSTALL | 10 ++++++++
1 file changed, 10 insertions(+)

```

commit d6892fff0c3cedf41dba4c25ab8608e7f2bc039c

Author: belyi <devnull@localhost>

Date: Tue May 17 16:49:28 2005 +0000

Update copyright note on simple.py

```

pyme/examples/simple.py | 4 ++-
1 file changed, 2 insertions(+), 2 deletions(-)

```

commit c2cd9cdf5995843aad7b200b929db2969effc9d2

Author: belyi <devnull@localhost>

Date: Tue May 17 15:03:58 2005

+0000

Update simple.py to catch errors.

pyme/examples/simple.py | 17 ++++++++-----
1 file changed, 11 insertions(+), 6 deletions(-)

commit eaedae7c6a0ea993caab067efe781a59b6769c44
Author: belyi <devnull@localhost>
Date: Tue May 17 01:18:23 2005 +0000

Added 'PYTHON = python' into Makefile for bug #1199122

pyme/Makefile | 1 +
pyme/examples/signverify.py | 1 +
2 files changed, 2 insertions(+)

commit 56fd244bb2636a4d58629899ea3cde1d96428198
Author: belyi <devnull@localhost>
Date: Wed Apr 27 21:37:06 2005 +0000

Added pygpa example.

pyme/debian/changelog | 3 +-
pyme/examples/pygpa.glade | 5546 +++++++++++++++++++++++++++++++++++++
pyme/examples/pygpa.py | 1459 ++++++++
3 files changed, 7007 insertions(+), 1 deletion(-)

commit 2d9a2a91a59ac3fee5410c953b7e0859e9e7cd35
Author: belyi <devnull@localhost>
Date: Thu Apr 21 15:17:51 2005 +0000

Change version to 0.7.0 due to the change in license.

pyme/debian/changelog
| 2 +-
pyme/pyme/version.py | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

commit 94e34e38d742f145385bd235825b6ba1e30d8339
Author: belyi <devnull@localhost>
Date: Thu Apr 21 03:53:12 2005 +0000

Changed license on PyMe from GPL to LGPL.
PyMe examples keep GPL license.

pyme/COPYING.LESSER | 510 ++++++++
pyme/Makefile | 20 +-
2 files changed, 10 insertions(+), 1 deletion(-)

```

pyme/debian/changelog      | 4 +-
pyme/debian/copyright      | 22 +-
pyme/gpgme-h-clean.py     | 16 ++
pyme/gpgme.i               | 20 +-
pyme/helpers.c             | 20 +-
pyme/helpers.h             | 20 +-
pyme/pyme/__init__.py      | 20 +-
pyme/pyme/callbacks.py     | 20 +-
pyme/pyme/constants/data/encoding.py | 20 +-
pyme/pyme/constants/event.py | 20 +-
pyme/pyme/constants/import.py | 20 +-
pyme/pyme/constants/keylist/mode.py | 20 +-
pyme/pyme/constants/md.py
    | 20 +-
pyme/pyme/constants/pk.py  | 20 +-
pyme/pyme/constants/protocol.py | 20 +-
pyme/pyme/constants/sig/mode.py | 20 +-
pyme/pyme/constants/sigsum.py | 20 +-
pyme/pyme/constants/status.py | 20 +-
pyme/pyme/constants/validity.py | 20 +-
pyme/pyme/core.py          | 20 +-
pyme/pyme/errors.py        | 20 +-
pyme/pyme/util.py          | 20 +-
pyme/pyme/version.py       | 22 +-
pyme/setup.py              | 20 +-
26 files changed, 761 insertions(+), 233 deletions(-)

```

commit 0d8aa0f6335cb1506a37085095ed45173b099a02

Author: belyi <devnull@localhost>

Date: Tue Apr 19 01:46:06 2005 +0000

Added `__hash__` and `__eq__` methods to `GpgmeWrapper` to allow both `Context()` and `Data()` to be used as a dictionary key.

Changed `core.wait()` function to always return a tuple. On timeout now it returns `(0, None)` instead of just `None`. Plus, return context is

now a

`Context()` object instead of a wrapper return by underlying `gpgme`.

```

pyme/helpers.c | 1 -
pyme/pyme/core.py | 25 ++++++++-----
pyme/pyme/util.py | 9 +++++++
3 files changed, 24 insertions(+), 11 deletions(-)

```

commit 63ff6d10637be1dcbcd78c939ac1ef1ac30b1024

Author: belyi <devnull@localhost>

Date: Wed Apr 6 04:58:40 2005 +0000

Made hook parameter optional in `passphrase_cb` and `progress_cb`.

Allowed None for callbacks to unset ones set previously.
 Removed cleanup of exception in callbacks - now just retrieve the error code.
 Added prev_bad parameter in passphrase_cb since it can be used in
 change password protocols.
 Updated examples to follow new sets of arguments in callbacks
 Updated op_edit to check if passed key is None (otherwise gpgme dumps core)
 God rid of annoying warning "function declaration isn't a prototype" in
 helpers.c and helpers.h by changing from () to (void) list of arguments.

```
pyme/debian/changelog
| 10 +++++---
pyme/examples/signverify.py | 2 +-
pyme/examples/t-edit.py    | 2 +-
pyme/gpgme.i               | 18 ++++++-----
pyme/helpers.c              | 60 ++++++-----
pyme/helpers.h              | 4 +--
pyme/pyme/callbacks.py     | 6 +++--
pyme/pyme/core.py           | 47 ++++++-----
pyme/pyme/errors.py         | 2 +-
9 files changed, 96 insertions(+), 55 deletions(-)
```

```
commit 8f0ab8138c7aa190936376ccbbf33bb09c64d6f1
Author: belyi <devnull@localhost>
Date: Thu Mar 31 23:50:59 2005 +0000
```

Added exception handling in passphrase_cb and edit_cb. If GPGMEError
 exception is thrown in those callbacks it will be converted into its
 core representation and return as an error code to the caller.
 On all other exceptions error code will be GPG_ERR_GENERAL.

```
pyme/Makefile              | 1 +
pyme/debian/changelog      | 8 +++++++
pyme/gpgme.i               | 20 ++++++-----
pyme/helpers.c              | 51
+++++++
pyme/helpers.h              | 3 +++
5 files changed, 71 insertions(+), 12 deletions(-)
```

```
commit 9903d1fb11231e7e3d920e58d1ecb674c5988b07
Author: belyi <devnull@localhost>
Date: Thu Mar 31 05:12:15 2005 +0000
```

Remove workaround from Context.wait() method since the bug report and
 patch fixing gpgme_wait's behavior is sent to GPMGE developers already.
 Added errorcheck into op_edit() so that it can report an error.

```
pyme/pyme/core.py | 10 +++++-----
1 file changed, 5 insertions(+), 5 deletions(-)
```

commit 45e8a5f4e13d3ca797ec3b0037242874a6be5562

Author: belyi <devnull@localhost>

Date: Sat Mar 26 19:44:18 2005 +0000

Updated version number to 0.6.2 in version.py

Added examples/*.glade files into documentation package.

pyme/debian/examples | 1 +

pyme/pyme/version.py | 2 +-
2 files changed, 2 insertions(+), 1 deletion(-)

commit 270b87bb40e180cb6e8f1de9a0e8161525ffa4ab

Author: belyi <devnull@localhost>

Date: Sat Mar

26 19:31:14 2005 +0000

Updated debian/changelog regarding PyGtkGpgKeys example and a fix in errors.

pyme/debian/changelog | 5 ++++-

1 file changed, 4 insertions(+), 1 deletion(-)

commit ea4682009a506db91e5174ffd038fe7e4406b591

Author: belyi <devnull@localhost>

Date: Sat Mar 26 19:25:36 2005 +0000

Added handling of right mouse button click.

Changed reporting a string instead of a number on key generation failure.

pyme/examples/PyGtkGpgKeys.glade | 2 ++

pyme/examples/PyGtkGpgKeys.py | 30 ++++++-----

2 files changed, 29 insertions(+), 3 deletions(-)

commit f65ad1a703d0098a3204fb8527a54d253e5847e7

Author: belyi <devnull@localhost>

Date: Sat Mar 26 18:11:11 2005 +0000

Added another column indicating if a key has a secret part.

Automated generation of the View menu from the view field of the KeyColumn class.

pyme/examples/PyGtkGpgKeys.glade | 93 ++-----

pyme/examples/PyGtkGpgKeys.py | 74

+++++-----

2 files changed, 44 insertions(+), 123 deletions(-)

commit b54e83a7a7a5785502f3c7e8b95f15e23b40e65a

Author: belyi <devnull@localhost>

Date: Sat Mar 26 16:45:13 2005 +0000

Small change to the way gtk.TreeModel object is used.

pyme/examples/PyGtkGpgKeys.py | 21 ++++++-----
1 file changed, 10 insertions(+), 11 deletions(-)

commit 7078db75cef4c1fd70cf03e37172bdb4f933fd1b

Author: belyi <devnull@localhost>

Date: Fri Mar 25 23:33:06 2005 +0000

Use more comprehensible error reporting since gpgme_strerror_r returns None all the time.

pyme/pyme/errors.py | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

commit 151213f4344d9984975721440af07de09e3df61c

Author: belyi <devnull@localhost>

Date: Fri Mar 25 04:30:17 2005 +0000

Improved PyGtkGpgKeys example to manage owner_trust on keys.
Added another example inter-edit.py which is just a helper to write scripts for Context.op_edit() command.

pyme/examples/PyGtkGpgKeys.glade
| 78 ++++++-----
pyme/examples/PyGtkGpgKeys.py | 68 ++++++-----
pyme/examples/inter-edit.py | 54 ++++++-----
pyme/examples/t-edit.py | 18 ++++++
4 files changed, 212 insertions(+), 6 deletions(-)

commit fc7235af217bcee5231ce7fbd7f234712d5ad3b0

Author: belyi <devnull@localhost>

Date: Fri Mar 25 00:30:39 2005 +0000

Updated PyGtkGpgKeys example to include import, export and reload functionality. Also added ability to remove number of keys simultaneously. Rearranged how KeyColumn is used to avoid unnecessary sorts and duplication of information in different parts of the code.

pyme/examples/PyGtkGpgKeys.glade | 86 ++++++--
pyme/examples/PyGtkGpgKeys.py | 332 ++++++-----
2 files changed, 325 insertions(+), 93 deletions(-)

commit 9f65749ccb1b7cab562e19c03f4371d5f7d94912

Author: belyi <devnull@localhost>

Date: Thu Mar 24 05:51:03

2005 +0000

Added example of PyGTK+ and PyMe integration.

For now it does only simple things - listing, deleting, and generating keys.

```
pyme/examples/PyGtkGpgKeys.glade | 1321 ++++++
pyme/examples/PyGtkGpgKeys.glade | 8 +
pyme/examples/PyGtkGpgKeys.py | 424 ++++++
3 files changed, 1753 insertions(+)
```

commit 59e23f32c3b46413c9ec09e23e1a385a110fb103

Author: belyi <devnull@localhost>

Date: Thu Mar 24 05:44:58 2005 +0000

Added wait method Context class which handles asynchronous calls a little bit better than the one generated by SWIG.

```
pyme/debian/changelog | 7 ++++++
pyme/gpgme.i | 1 +
pyme/pyme/core.py | 40 ++++++
3 files changed, 48 insertions(+)
```

commit 4c1b5259e4985df2cba0ae4fc09f12cd94603a75

Author: belyi <devnull@localhost>

Date: Tue Mar 22 18:29:31 2005 +0000

Added correct handling of Context.op_edit() method.

Added example/t-edit.py showing
usage for this method.

Output of this example should match output of the tests/gpg/t-edit
from the GPGME test suite.

Remove unused static function from helpers.c

```
pyme/examples/t-edit.py | 38 ++++++
pyme/gpgme.i | 36 ++++++
pyme/helpers.c | 36 -----
pyme/pyme/core.py | 5 ++++
4 files changed, 78 insertions(+), 37 deletions(-)
```

commit dc587e215283bfef2dd594f86a7b2945f74f5155

Author: belyi <devnull@localhost>

Date: Sat Mar 19 01:43:59 2005 +0000

Update changelog to include note about deprecated function in 0.6.1 release

```
pyme/debian/changelog | 3 +-
pyme/examples/encrypt-to-all.py | 3 +--
2 files changed, 3 insertions(+), 3 deletions(-)
```

commit 86de4b3ad777f980ccf7ba3462c85bbe1787d1fd

Author: belyi <devnull@localhost>

Date: Sat Mar 19 01:40:07 2005 +0000

Remove deprecated functions from helpers.[ch]
Use gpgme-h-clean.py
to remove deprecated functions and typedefs from
the GPGME header file. This will reduce the number of unused methods.

pyme/Makefile | 4 ++--
pyme/gpgme-h-clean.py | 26 +++++
pyme/helpers.c | 8 -----
pyme/helpers.h | 2 --
4 files changed, 28 insertions(+), 12 deletions(-)

commit 2483efcbd0d73c628c4d7717928a766c3b58f0aa

Author: belyi <devnull@localhost>

Date: Fri Mar 18 22:15:52 2005 +0000

Update copyright and author values in pyme/version.py
Create rules to build distribution files - one full and one without
debian bits.

pyme/Makefile | 28 +++++-----
pyme/pyme/version.py | 12 +++++-----
2 files changed, 28 insertions(+), 12 deletions(-)

commit 168593285380f5a7805f3dd08657d429a72d3621

Author: belyi <devnull@localhost>

Date: Fri Mar 18 19:09:33 2005 +0000

Added package building for python2.4

Updated copyright notes to include myself and avoid confusion who's the
maintainer.

In John's own words: "I'd prefer to just step out of the picture".

Jonh's copyright notice left intact.

pyme/Makefile | 6 +++--
pyme/debian/changelog | 7 ++++++
pyme/debian/control | 30 +++++
pyme/debian/copyright | 10 +++++
pyme/debian/rules | 4 ++++
pyme/debian/setup.cfg-2.4 | 8 ++++++
pyme/examples/genkey.py | 4 ++--
pyme/gpgme.i | 4 ++--
pyme/helpers.c | 4 ++--

```

pyme/helpers.h          | 4 ++--
pyme/pyme/__init__.py    | 4 ++--
pyme/pyme/callbacks.py   | 4 ++--
pyme/pyme/constants/data/encoding.py | 4 ++--
pyme/pyme/constants/event.py | 4 ++--
pyme/pyme/constants/import.py | 4 ++--
pyme/pyme/constants/keylist/mode.py | 4 ++--
pyme/pyme/constants/md.py | 4 ++--
pyme/pyme/constants/pk.py
    | 4 ++--
pyme/pyme/constants/protocol.py | 4 ++--
pyme/pyme/constants/sig/mode.py | 4 ++--
pyme/pyme/constants/sigsum.py | 4 ++--
pyme/pyme/constants/status.py | 4 ++--
pyme/pyme/constants/validity.py | 4 ++--
pyme/pyme/core.py        | 4 ++--
pyme/pyme/errors.py      | 4 ++--
pyme/pyme/util.py        | 4 ++--
pyme/pyme/version.py     | 2 +-
pyme/setup.py           | 3 ++-
28 files changed, 96 insertions(+), 54 deletions(-)

```

commit 6dbbb252771133724b2879ed6d767cd708196dae

Author: belyi <devnull@localhost>

Date: Fri Mar 18 18:04:35 2005 +0000

Remove the note about gpgme.i to be generated - it's been the primary source for some time.

```

pyme/gpgme.i | 6 -----
1 file changed, 6 deletions(-)

```

commit 9d449fa4889c6bda6d14583c0625b8d5c4ffe759

Author: belyi <devnull@localhost>

Date: Fri May 7 18:31:22 2004 +0000

Added my copyright in genkey.py since there's enough changes made.

Updated signverify to use only keys generated by genkey.py, to check that keys added to singers are able to sign and to check that the list of signers is not empty. The last check is necessary to prevent signing with the key of the user running signverify.py script.
 Added delkey.py script to delete keys generated by genkey.py
 Added exportimport.py example for key export/import.

```

pyme/examples/delkey.py | 29 ++++++
pyme/examples/exportimport.py | 76 ++++++
pyme/examples/genkey.py | 6 ++-

```

pyme/examples/signverify.py | 18 ++++++----
4 files changed, 119 insertions(+), 10 deletions(-)

commit df98c8d28245ad2c14b0ab50fc8f8932853bec8b
Author: belyi <devnull@localhost>
Date: Tue May 4 17:34:15 2004 +0000

Added examples/signverify.py for unattended sing/verify.
Updated examples/genkey.py to work correctly.
Updated gpgme.i to allow None as a value for gpgme_data_t

pyme/examples/genkey.py | 14 ++-----
pyme/examples/signverify.py | 72 +++
pyme/gpgme.i | 21 ++++++-----
3 files changed, 87 insertions(+), 20 deletions(-)

commit ba45931abf530ab89ead46d7233ff1b62b629a18
Author: belyi <devnull@localhost>
Date: Thu Apr 8 16:15:09 2004 +0000

Ensure that we support only python2.2 and up. :-)
Use generators in core.Context class which makes pyme.aux obsolete
Remove importing future nested_scopes since they are standard starting
with python2.2

pyme/pyme/__init__.py | 5 ++---
pyme/pyme/aux.py | 56 -----
pyme/pyme/core.py | 15 ++++++-----
pyme/pyme/errors.py | 1 -
pyme/pyme/util.py | 2 +-
5 files changed, 15 insertions(+), 64 deletions(-)

commit 4e9be5a55ecffa4da7ad5c192cc892eddaaa9586
Author: belyi <devnull@localhost>
Date: Sun Mar 21 03:53:30 2004 +0000

Small change to index.html
Added clean: rule to the Makefile

pyme-web/Makefile | 3 +++
pyme-web/index.html | 6 ++---
2 files changed, 6 insertions(+), 3 deletions(-)

commit 2efb95176f4edf56ed61c9ac0c3aa09c56534df0
Author: belyi <devnull@localhost>
Date: Sun Mar 21 03:00:32 2004 +0000

Added Makefile rules for pyme module installation.

pyme/Makefile | 5 ++++-

1 file changed, 4 insertions(+), 1 deletion(-)

commit 2b83d5d8b513029cc3e54f2fa502ccc85618104b

Author: belyi <devnull@localhost>

Date: Sun Mar 21 02:29:54 2004 +0000

Decorative change.

pyme/pyme/aux.py | 2 +-

1 file changed, 1 insertion(+), 1 deletion(-)

commit e3478015d763a036c1d806ae01433fce59712204

Author: belyi <devnull@localhost>

Date: Sun Mar 21 02:25:55 2004 +0000

Added RCS Id: tags

pyme/Makefile | 1 +
pyme/examples/encrypt-to-all.py | 3 ++-
pyme/examples/genkey.py | 3 ++-
pyme/examples/sign.py | 3 ++-
pyme/examples/simple.py
| 3 ++-
pyme/gpgme.i | 1 +
pyme/helpers.c | 1 +
pyme/helpers.h | 1 +
pyme/pyme/__init__.py | 1 +
pyme/pyme/aux.py | 1 +
pyme/pyme/callbacks.py | 1 +
pyme/pyme/constants/__init__.py | 2 ++
pyme/pyme/constants/data/__init__.py | 2 ++
pyme/pyme/constants/data/encoding.py | 1 +
pyme/pyme/constants/event.py | 1 +
pyme/pyme/constants/import.py | 1 +
pyme/pyme/constants/keylist/__init__.py | 2 ++
pyme/pyme/constants/keylist/mode.py | 1 +
pyme/pyme/constants/md.py | 1 +
pyme/pyme/constants/pk.py | 1 +
pyme/pyme/constants/protocol.py | 1 +
pyme/pyme/constants/sig/__init__.py | 2 ++
pyme/pyme/constants/sig/mode.py | 1 +
pyme/pyme/constants/sigsum.py | 1 +
pyme/pyme/constants/status.py | 1 +
pyme/pyme/constants/validity.py | 1
+
pyme/pyme/core.py | 1 +

pyme/pyme/errors.py | 1 +
pyme/pyme/util.py | 1 +
pyme/pyme/version.py | 2 ++
30 files changed, 39 insertions(+), 4 deletions(-)

commit b3b3712645332c5bc3e8d9d557aab21d48ff0f86

Author: belyi <devnull@localhost>

Date: Sun Mar 21 02:07:36 2004 +0000

Added Id: RCS tags to all files.

pyme-web/Makefile | 2 ++
pyme-web/index.html | 3 ++-
2 files changed, 4 insertions(+), 1 deletion(-)

commit 6aea2426beaaa8c43e6f2310a37a2737c0c3a1b5

Author: belyi <devnull@localhost>

Date: Sun Mar 21 01:50:55 2004 +0000

Update example on the init pyme.html page to match simple.py example.
Fix core.py to use getcode() instead of getvalue() method of the exception.

pyme/pyme/__init__.py | 22 ++++++++-----
pyme/pyme/core.py | 4 ++-
2 files changed, 16 insertions(+), 10 deletions(-)

commit dee337455ffd624d3f83e1c159c4bb2cefc692c9

Author: belyi <devnull@localhost>

Date:

Sat Mar 20 20:32:29 2004 +0000

Added Makefile to simplify publishing web files.

pyme-web/Makefile | 7 ++++++
1 file changed, 7 insertions(+)

commit af7129baa8260697d85c2ddb434562e8a80b62d8

Author: belyi <devnull@localhost>

Date: Sat Mar 20 20:15:53 2004 +0000

Added minimum of formatting and SF icon.

pyme-web/index.html | 18 ++++++++-----
1 file changed, 11 insertions(+), 7 deletions(-)

commit 2e64dcbf99cee796b51667b04d8961e390edde87

Author: belyi <devnull@localhost>

Date: Sat Mar 20 18:30:09 2004 +0000

Initial revision

pyme-web/index.html | 33 ++++++
1 file changed, 33 insertions(+)

commit 1c51644b3d0b6611422d971758e35f303d2ad5df

Author: belyi <devnull@localhost>

Date: Sat Mar 20 05:10:46 2004 +0000

Update examples and package information on the initial pyme doc page.

pyme/pyme/__init__.py | 27 ++++++-----
1 file changed, 12 insertions(+), 15 deletions(-)

commit b2d31b0bfbffdf5247d6db4e3c95140cc1b1f19

Author:

belyi <devnull@localhost>

Date: Sat Mar 20 04:47:42 2004 +0000

Deleted unnecessary files.

Updated debian/control to remove dependency on python-xml package since there's none now.

Move example files from 'doc' into separate control file.

Update debian/rules to build documentation from *.py files and to exclude CVS directories from the installation.

pyme/Makefile | 26 ++-----
pyme/debian/control | 8 +--
pyme/debian/docs | 1 -
pyme/debian/ex.package.doc-base | 22 -----
pyme/debian/examples | 1 +
pyme/debian/manpage.1.ex | 60 -----
pyme/debian/manpage.sgml.ex | 152 -----
pyme/debian/rules | 12 ++--
8 files changed, 15 insertions(+), 267 deletions(-)

commit 1b517dd9b82a433499b4696b06d94d756cd36e53

Author: belyi <devnull@localhost>

Date: Sat Mar 20 02:59:15 2004 +0000

Remove doc/gpgme

directory containing GPGME documentation since this belongs to a different project. Need to add reference in our documentation.

pyme/doc/gpgme/fdl.texi | 402 -----
pyme/doc/gpgme/gpgme.texi | 3372 -----
pyme/doc/gpgme/gpl.texi | 397 -----

pyme/doc/gpgme/version.texi | 4 -
4 files changed, 4175 deletions(-)

commit 95d7d171da115a0fedfe2a4a7e5acc8aa408f673
Author: belyi <devnull@localhost>
Date: Sat Mar 20 02:45:03 2004 +0000

Change debian/rules to generate files by swig during build and to cleanup those files on 'clean' rule.
Plus, leave generated gpgme_wrap.c in the root directory instead of moving it into subdirectory 'generated'.

pyme/Makefile | 8 +++-----
pyme/debian/rules | 3 ++-
pyme/setup.py | 2 +-
3 files changed, 6 insertions(+), 7 deletions(-)

commit 545b3d90d445c5c78e8d72b2c1780863e02c789a
Author: belyi <devnull@localhost>
Date: Sat Mar 20 02:18:01 2004 +0000

Initial revision

pyme/COPYING	340 +++++
pyme/ChangeLog	802 ++++++++
pyme/Makefile	79 +
pyme/debian/README.Debian	6 +
pyme/debian/changelog	19 +
pyme/debian/control	68 +
pyme/debian/copyright	27 +
pyme/debian/dirs	2 +
pyme/debian/docs	2 +
pyme/debian/ex.package.doc-base	22 +
pyme/debian/manpage.1.ex	60 +
pyme/debian/manpage.sgml.ex	152 ++
pyme/debian/postinst.ex	48 +
pyme/debian/postrm.ex	38 +
pyme/debian/preinst.ex	44 +
pyme/debian/prerm.ex	39 +
pyme/debian/rules	130 ++
pyme/debian/setup.cfg-2.2	8 +
pyme/debian/setup.cfg-2.3	8 +
pyme/doc/gpgme/fdl.texi	402 +++++
pyme/doc/gpgme/gpgme.texi	3372 ++++++
pyme/doc/gpgme/gpl.texi	397 +++++
pyme/doc/gpgme/version.texi	4 +
pyme/examples/encrypt-to-all.py	63 +

```

pyme/examples/genkey.py      | 55 +
pyme/examples/sign.py        | 28 +
pyme/examples/simple.py      | 44 +
pyme/gpgme.i                 | 191 ++
pyme/helpers.c                | 139 ++
pyme/helpers.h                | 29 +
pyme/pyme/__init__.py         | 134 ++
pyme/pyme/aux.py              | 55 +
pyme/pyme/callbacks.py        | 45 +
pyme/pyme/constants/__init__.py | 2 +
pyme/pyme/constants/data/__init__.py | 2 +
pyme/pyme/constants/data/encoding.py | 19 +
pyme/pyme/constants/event.py   | 19 +
pyme/pyme/constants/import.py  | 19 +
pyme/pyme/constants/keylist/__init__.py | 2 +
pyme/pyme/constants/keylist/mode.py | 19 +
pyme/pyme/constants/md.py      | 19 +
pyme/pyme/constants/pk.py      | 19 +
pyme/pyme/constants/protocol.py | 19 +
pyme/pyme/constants/sig/__init__.py | 2 +
pyme/pyme/constants/sig/mode.py | 19 +
pyme/pyme/constants/sigsum.py  | 19 +
pyme/pyme/constants/status.py   | 19 +
pyme/pyme/constants/validity.py | 19 +
pyme/pyme/core.py              | 367 ++++
pyme/pyme/errors.py            | 46 +
pyme/pyme/util.py              | 61 +
pyme/pyme/version.py           | 39 +
pyme/setup.py                  | 60 +
53 files changed, 7642 insertions(+)

```

commit a3d5a442dc713b6c4d6fc4134db5b47e379dc41d

Author: root <devnull@localhost>

Date: Fri Mar 19 14:12:30 2004 +0000

initial checkin

```

CVSROOT/checkoutlist | 13 ++++++
CVSROOT/commitinfo   | 15 ++++++
CVSROOT/config        | 21 ++++++
CVSROOT/cvswrappers   | 19 ++++++
CVSROOT/editinfo      | 21 ++++++
CVSROOT/loginfo        | 26 ++++++
CVSROOT/modules       | 26 ++++++
CVSROOT/notify        | 12 ++++++
CVSROOT/rcsinfo       | 13 ++++++

```

CVSROOT/taginfo | 20 ++++++
CVSROOT/verifysmg | 21 ++++++
11 files changed, 207 insertions(+)
-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQENBFrsKEkBCADKw4Wt8J6M/88qD8PO6lSMCxH1cpwH8iK0uPaFFYsJkkXo7kWf
PTAtrV+REqF/o80dvYcdLvRsV21pvncZz/HXLU1yQ18mC3XObrKokbdgrTTKA5XE
BZkNsqyaMMJauT18H4hYkSg62/tTdO1cu/zWv/LFf7Xyn6+uA74ovXCJlO1s0N2c
PShtr98QRzPMf2owgV37JnDNp4gGVDGHxSZOuUwxgYAZYN8SFc+c+3ZrQfY870
+O4j3Mz4p7yD13AwP4buQLBsb/ixekeQCqpRjLH9f7MdEcGXa1x36RcEkHdu+M
yJ392eMgD+dKNfRCtyTPhjZTxvbNELIBYICfABEBAAG0EHRlc3RAZXhhbXBsZS5v
cmeJAVQEEwEIAD4WIQTUFzW5Ejb9uIEJFojAWNe7/DLBQUcWuwoSQIbAwUJA8Jn
AAULCQgHAgYVCgkICwIEFgIDAQIeAQIXgAAKCRAjAWNe7/DLBf9kB/wOQ/S60HGw
Fq07W9N01HWULyHhKoMmcHL6rfZ64oDqLxolPSasz7WAMW1jN4qtWJ0mFzwO83V6
kaBe+wF6Kqir6udFSBW9rPcFg6/VZXPltT0a6uacIHq6DyQ5iMW4YQWbVy9OR2rN
GkYo1JCBr0XdrJYCSX3yB4TWv/eXnZ37/WjmiTOIzh35rjs+NuU/S5JPDfAp2/k7
0DevQeBsv+UjVXjWpNTZmPbvDnd995uSmC6UY4hzyP84ORYMYn9n1QAR0goxDN6U
unOf9Rlp1oMzdxMool/d1MlCxcg2h3jheuhv7lgUF4KpvHOuEPXQ7UO417E0TYcDZ
1J8Nsv87SZEuQENBFrsKEkBCADJoEBHg/QPqZHg8VyoD1xYRAWGxyDJkX/GrSs6
yE+x2hk5FoQCajxKa/d4AVxOnJpdwhAfeXeSNaql5Ejgzax+Tdj9BV6vtGVJVv0p
O7bgAiZxkA6RHxtNqhpPnPQoXvUzkzpRgpuL+Nj4yIg7z1ITH6KQH4u5SI9vd+j/
8i9Taz67pdZwuJjac8qBuJHjzAo1bjYctFYUSG5pbmMQyNLySzziNkFa4DajODlt
3RuqVGP316Fk+Sy2+60tC/HIX8jgMyMONfOGBQx6jk8tvAphS/LAqrrNepnagIyL
UGKU+L8cB2g1PGGp2biBFwqZbudZoyRBet/0yH/zirBdQJw1ABEBAAGJATwEGAEI
ACYWIQTUFzW5Ejb9uIEJFojAWNe7/DLBQUcWuwoSQIbDAUJA8JnAAAKCRAjAWNe
7/DLBf0pCACp5hBuUWngu2Hqvg+tNiujsiYzId3MffFxEk3CbXeHcJ5F32NDJ9
PYCnra4L8wSv+Nzt9gIa8lFwoFSFQCjzH7KE86XcV3MhfdJTNb/+9CR7Jq3e/4Iy
0N5ip7PNYMCyakcAsxvsNCJKrSaDuYe/OAoTXRBtgRWE2uyT315em02Lkr+2Cc/Q
k6H+vlNOHGRgnpl/OZZjnUuUfBUvMGHr1phW+y7aeymC9PnUGdViRdJe23nntMSD
A+0/I7ESO9JsWvJbyBmuiZpu9JjScOjYH9xpQLqRNYw4WHpZriN69F0t9Mmd7bM1
+UyPgbPEr0iWMeyctYsuOLeUyQKMscDT
=QyY6
```

-----END

PGP PUBLIC KEY BLOCK-----

Using gpgme.js

At first, make sure that the environment you want to use gpgme.js in has access and permissions for nativeMessaging, and gpgme-json installed. For details, see the README.

The library itself is started via the {@link init} method. This will test the nativeMessaging connection, and then resolve into an Object offering the top level API:

```
* [encrypt]{@link GpgME#encrypt}
* [decrypt]{@link GpgME#decrypt}
* [sign]{@link GpgME#sign}
* [verify]{@link GpgME#verify}
```

```
* [Keyring]{@link GPGME_Keyring}
```

```
...
```

```
gpgmejs.init()
  .then(function(GPGME) {
    // using GPGME
  }, function(error){
    // error handling;
  })
...
```

All methods that require communication with nativeMessaging are asynchronous, using Promises. Rejections will be instances of {@link GPGME_Error}.

An exception are Keys, which can be initialized in a 'sync' mode, allowing them to be cached and used synchronously until manually refreshed.

Keyring and Keys

The gnupg keys
can be accessed via the [Keyring]{@link GPGME_Keyring}.

The Keyring offers the methods for accessing information on all Keys known to gnupg.

****Due to security constraints, the javascript-binding currently only offers limited support for secret-Key interaction.****

The existence of secret Keys is not secret, and those secret Keys can be used for signing, but Operations that may expose, modify or delete secret Keys are not supported.

```
* [getKeysArmored]{@link GPGME_Keyring#getKeysArmored}
* [getKeys]{@link GPGME_Keyring#getKeys}
* [getDefaultKey]{@link GPGME_Keyring#getDefaultKey}
* [generateKey]{@link GPGME_Keyring#generateKey}
* [deleteKey]{@link GPGME_Keyring#deleteKey}
\input texinfo @c -*- texinfo -*-
@c %**start of header
@setfilename what-is-new.info
@settitle What's New in the GPGME Python Bindings and Documentation
@documentencoding utf-8
@documentlanguage en
@c %**end of header

@finalout
@titlepage
@title What's New in the GPGME Python Bindings and Documentation
```

@author Ben McGinnes

@end titlepage

@contents

@ifnottex

@node Top

@top What's New in the GPGME Python Bindings and Documentation

@end ifnottex

@menu

* What's New::

@detailmenu

--- The Detailed Node Listing ---

What's New

* New in GPGME 1130::

@end detailmenu

@end menu

@node What's New

@chapter What's New

@multitable {aaaaaaaaaaaaaaaa} {aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa}

@item Version:

@tab 0.0.1

@item GPGME Version:

@tab 1.13.0

@item Author:

@tab Ben McGinnes <ben@@gnupg.org>

@item Author GPG Key:

@tab DB4724E6FA4286C92B4E55C4321E4E2373590E5D

@item Language:

@tab Australian English, British English

@item xml:lang:

@tab en-AU, en-GB, en

@end multitable

Last time the most

obviously new thing was adding the @emph{What's New}
section to the HOWTO. Now it's moving it out of the HOWTO.

@menu

* New in GPGME 1130::

@end menu

@node New in GPGME 1130
@section New in GPGME 1130

Additions since GPGME 1.12.0 include:

@itemize

@item

Moving the @emph{What's New} section out of the basic @uref{gpgme-python-howto.org, HOWTO} document and

into its own file so as to more readily include other documents

beyond that HOWTO.

@item

Moving the preceding, archival, segments into @uref{what-was-new.org, another file}.

@item

Added @samp{gpg.version.versionintlist} to make it easier for Python developers to check for a specific version number, even with beta versions (it will drop the "-betaN" part).

@item

Added expanded detail on issues pertaining to installing for Windows users.

@item

Bindings enter @uref{maintenance-mode, maintenance mode} from January, 2019.

@item

Added documentation on maintenance mode and what changes can be made to the code when in that status. Essentially

that boils down to bug

fixes only and no feature requests.

@item

The import-keys-hkp.py example script, which uses the @samp{hkp4py} module to search the SKS servers for a key, has been tightened up to search for both hexadecimal key IDs and user ID strings with reduced chance of unnecessary repetition. There may still be some repetition if a key includes a user ID matching the hexadecimal value of a key ID.

@end itemize

@bye

;;; gpgme-grovel.lisp

;;; This file is part of GPGME-CL.

;;;

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;;; under the terms of the GNU General Public License as published by

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;;; along with GPGME; if not, write to the Free Software Foundation,
;;; Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

(in-package :gpgme)

(include "errno.h" "sys/types.h")

(constant (+ebadf+ "EBADF"))

(ctype off-t "off_t")

(ctype size-t "size_t")

(ctype ssize-t "ssize_t")

(cvar ("errno" *errno*) :int)

(21:protected-private-key(3:elg(1:p129:W#})l;;m>

;4YV\$Qg

LoLy~*Tru*+ID8"-9,:17^g*({ #7)(1:g1:)(1:y128:2o62,Tj/

rRi3sSS iCAYNYbVtAHKi7(UPp)?Od{'R^f)(9:protected25:openpgp-s2k3-sha1-aes-

cbc((4:sha18:fw`E7:5242880)16:aqR)192:5f1a-`{^EV699WoB\,:Rs1*W6Lu iZ

:=ZqURM47;pA3#DL

so8O)Th^P@lP0&.DR;"rkN7)(12:protected-at15:20101008T070216)))

For a list of the authors of the source code of GPGME, please see the
file AUTHORS. The following people supported GPGME development in
various ways (for example by finding bugs or giving advice), and we
want to thank them for their help. If we forgot you, please let us
know.

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This is a template. The dist target uses it to create the real file.

Summary: GPGME - GnuPG Made Easy

Name: gpgme

Version: 1.13.1

Release: 1

URL: <https://gnupg.org/gpgme.html>

Source: <https://www.gnupg.org/ftp/gcrypt/gpgme/%{name}-%{version}.tar.gz>

Group: Development/Libraries

Copyright: GPL

BuildRoot: %{_tmppath}/%{name}-%{version}

BuildRequires: make

Prereq: /sbin/ldconfig /sbin/install-info

Requires: gnupg

%description

GnuPG Made Easy (GPGME) is a library designed to make access to GnuPG easier for applications. It provides a High-Level Crypto API for encryption, decryption, signing, signature verification and key management.

%prep

%setup -q

%build

CFLAGS="\$RPM_OPT_FLAGS"; export CFLAGS

./configure --prefix=/usr

make

%install

rm -fr \$RPM_BUILD_ROOT

mkdir -p \$RPM_BUILD_ROOT

make install prefix=\$RPM_BUILD_ROOT/usr infodir=\$RPM_BUILD_ROOT%{_infodir}

rm -f \$RPM_BUILD_ROOT%{_infodir}/dir

```

%clean
rm -fr $RPM_BUILD_ROOT
make distclean

%post
/sbin/ldconfig
/sbin/install-info %{_infodir}/gpgme.info.gz
%{_infodir}/dir
/sbin/install-info %{_infodir}/gpgme-python-howto.info.gz %{_infodir}/dir

%preun
if [ "$1" = 0 ]; then
/sbin/install-info --delete %{_infodir}/gpgme.info.gz %{_infodir}/dir
/sbin/install-info --delete %{_infodir}/gpgme-python-howto.info.gz %{_infodir}/dir
fi

%postun
/sbin/ldconfig

%files
%defattr(-,root,root)
%doc COPYING COPYING.LESSER AUTHORS README INSTALL NEWS ChangeLog TODO THANKS
%attr(0755,root,root) %{_bindir}/gpgme-config
%attr(0755,root,root) %{_libdir}/*gpgme.so*
%attr(0755,root,root) %{_libdir}/*gpgme.la
%attr(0644,root,root) %{_libdir}/*gpgme.a
%{_includedir}/gpgme.h
%{_datadir}/aclocal/gpgme.m4
%{_infodir}/gpgme.info*
%{_infodir}/gpgme-python-howto.info*

%changelog
* Sat Aug 30 2003 Robert Schiele <rschiele@uni-mannheim.de>
- %{_infodir}/dir is not packaged, remove to prevent checking failure
* Mon Jul 01 2002 Wojciech Polak <polak@lodz.pdi.net>
- initial specfile release for GPGME.

# EOF

```

1.123 setools 4.3.0-3.el8

1.123.1 Available under license :

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Version 2.1, February 1999

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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,

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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.

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

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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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- 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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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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<one line to give the program's name and a brief idea of what it does.>

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it

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<signature of Ty Coon>, 1 April 1989

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Version 3, 29 June 2007

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The

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section 10
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=====

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1.129 glib 2.56.4-159.el8

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1.130 which 2.21-18.el8

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```

```
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1.133 e2fsprogs 1.45.6-5.el8

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

all:: image

real-subdirs:: Makefile


```
@echo " MKDIR pic"
```

```
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
```

```
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)
```

```
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
```

```
$(MV) pic/$(BSD_LIB) .
```

```
$(RM) -f ../$(BSD_LIB)
```

```
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
```

```
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
```

```
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
```

```
@$(INSTALL_PROGRAM) $(BSD_LIB) \
```

```
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
@-$(LDCONFIG)
```

```
install-strip: install
```

```
install-shlibs-strip:: install-shlibs
```

```
uninstall-shlibs uninstall::
```

```
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
```

```
$(RM)
```

```
-rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

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

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version
- trivial database library - private includes
-
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- + Copyright (C) Andrew Tridgell 1999-2005
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Theodore Ts'o
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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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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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Finally,

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

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

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

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

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

operating system, as well as its variant, the GNU/Linux operating system.

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

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

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

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

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

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

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

and

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

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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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

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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

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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 License.

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

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

Otherwise, if the work is a derivative of the Library, you may distribute

the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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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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1.135 elfutils 0.187-4.el8

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source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
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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
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library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
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.
^L

6. As an exception to the Sections above, you may also combine or
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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.

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1.137 kotlin 1.5.30

1.138 commons-configuration 2.8.0

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1.139 commons-configuration2 2.8.0

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1.141 pcre 10.32-3.el8_6

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1.143 bash 4.4.20-4.el8_6

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1.144 protobuf-javanano 3.1.0

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* /protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/MapFactories.java  
* /protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/UnknownFieldData.java  
*  
/protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/ExtendableMessageNano.java  
* /protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/WireFormatNano.java  
* /protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/Extension.java  
* /protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/MessageNanoPrinter.java  
* /protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/MessageNano.java  
* /protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/CodedInputByteBufferNano.java  
* /protobuf-javanano-3-1-0-sources-3-jar/com/google/protobuf/nano/InvalidProtocolBufferNanoException.java  
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1.145 jmespath-java 1.11.313

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- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathProjection.java
- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathEvaluationVisitor.java
- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/NumericComparator.java
- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathMultiSelectList.java
- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathLiteral.java
- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/ObjectMapperSingleton.java
- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathFlatten.java
- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/OpLessThan.java
- * /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathLengthFunction.java

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* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathFilter.java
* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathField.java
* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathValueProjection.java
* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/OpEquals.java
* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathIdentity.java
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/jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/Comparator.java
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* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/OpGreaterThan.java
* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathVisitor.java
* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/JmesPathAndExpression.java
* /jmespath-java-1-11-313-sources-3-jar/com/amazonaws/jmespath/OpLessThanOrEqualTo.java
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1.146 aws-java-sdk-core 1.11.313

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/apache/client/impl/SdkHttpClient.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/http/apache/client/impl/ConnectionManagerAwareHttpClient.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/package-info.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/log/InternalLogFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/CapacityManager.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/conn/ssl/ShouldClearSslSessionPredicate.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkStructuredJsonFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/CanHandleNullCredentials.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/http/apache/request/impl/ApacheHttpRequestFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/apache/utills/ApacheUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/IdempotentUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/DateTimeJsonSerializer.java
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jar/com/amazonaws/http/apache/client/impl/ApacheConnectionFactory.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/FakeIOException.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/StructuredJsonGenerator.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkStructuredPlainJsonFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkJsonProtocolFactory.java
*
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkCborGenerator.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkStructuredCborFactory.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/BasicNameValuePair.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/URLEncodedUtils.java

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/**
* Interface for providing AWS credentials. Implementations are free to use any
* strategy for providing AWS credentials, such as simply providing static

- * credentials that don't change, or more complicated implementations, such as
- * integrating with existing key management systems.
- */

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Base64Codec.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/EncodingSchemeEnum.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/jmx/MBeans.java

*

/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/RegionMetadata.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/RegionMetadataParser.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Codec.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/MetricsInputStream.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/SdkRuntime.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/AbstractBase32Codec.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/ServiceAwareSigner.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkFilterInputStream.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/EC2MetadataUtils.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkFilterOutputStream.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Base64.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWS4Signer.java

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/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/RegionAwareSigner.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Throwables.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Base16.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Base32Codec.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/RegionUtils.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/jmx/SdkMBeanRegistrySupport.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Base16Codec.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Base32.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkDigestInputStream.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/CodecUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/AbortedException.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/IOUtils.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/EncodingScheme.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/HttpClientWrappingInputStream.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/MetricAware.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ResetException.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/ListWithAutoConstructFlag.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/annotation/SdkInternalApi.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/annotation/SdkTestInternalApi.java
*

/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/annotation/Immutable.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/annotation/GuardedBy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/annotation/NotThreadSafe.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/annotation/ThreadSafe.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/InMemoryRegionImpl.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/SimpleTypeCborUnmarshallers.java
*

/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/LegacyRegionXmlMetadataBuilder.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/partitions/model/Endpoint.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/RegionMetadataProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/partitions/PartitionsLoader.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/partitions/model/Service.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/partitions/model/CredentialScope.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/partitions/model/Partition.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkJsonGenerator.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/partitions/PartitionRegionImpl.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/LegacyRegionXmlLoadUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/RegionMetadataFactory.java
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/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/apache/SdkProxyRoutePlanner.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/http/apache/client/impl/CRC32ChecksumResponseInterceptor.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/RegionImpl.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/InMemoryRegionsProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/partitions/PartitionMetadataProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkStructuredIonFactory.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/request/ProgressSupport.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/internal/BasicProfileConfigLoader.java

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/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/internal/SignerConstants.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/ProgressEventFilter.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/FIFOCache.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/ProgressTracker.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/UnreliableTestConfig.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/request/Progress.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/internal/AWS4SignerRequestParams.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/ProfileCredentialsProvider.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/SyncProgressListener.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/internal/Profile.java
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/ aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/auth/profile/internal/securitytoken/STSPProfileCredentialsServiceProvider.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/DeliveryMode.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/ProfilesConfigFile.java
* / aws-java-sdk-core-1-11-313-sources-3-
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* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/internal/securitytoken/RoleInfo.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkSSLSocket.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/LengthCheckInputStream.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/internal/AWS4SignerUtils.java
* / aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/auth/profile/internal/AbstractProfilesConfigFileScanner.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/DelegateSSLSocket.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/SDKProgressPublisher.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/ResponseProgressInputStream.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/UnreliableFilterInputStream.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/ProfilesConfigFileWriter.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkSocket.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/package-info.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkInputStream.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/internal/SignerKey.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/BoundedLinkedHashMap.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/Releasable.java
* / aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/ProgressInputStream.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/ExecutionContext.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/internal/MarshallerRegistry.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkJsonMarshallerFactory.java
*
/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/DefaultMarshallingType.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/MarshallingInfo.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/SdkHttpMetadata.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/StaticCredentialsProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/SdkBaseException.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/internal/NullAsEmptyBodyProtocolRequestMarshaller.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/XMLWriter.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/internal/AllProfiles.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/AwsSyncClientParams.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/internal/JsonMarshallerContext.java
*
/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/internal/SimpleTypeJsonMarshallers.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/JsonProtocolMarshallerBuilder.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/AwsProfileRegionProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/internal/HeaderMarshallers.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/builder/ExecutorFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/response/AwsResponseHandlerAdapter.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/V2CompatibleBackoffStrategy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/JsonContentTypeResolverImpl.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/AwsErrorResponseHandler.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/SdkClientException.java
*
/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/DefaultAwsRegionProviderChain.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/JsonContentTypeResolver.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/profile/path/AwsProfileFileLocationProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/JsonClientMetadata.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/AwsEnvVarOverrideRegionProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/JsonContent.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/PredefinedBackoffStrategies.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/internal/ProfileKeyConstants.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/RetryPolicy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/client/SdkInterruptedException.java
*

/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/AmazonWebServiceResult.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/ListUnmarshaller.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/TimingInfoUnmodifiable.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/FixedDelayBackoffStrategy.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/MarshallingType.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/TimingInfoFullSupport.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/PathMarshallers.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/OperationInfo.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ClientConfigurationFactory.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/MaxNumberOfRetriesCondition.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/AwsRegionProviderChain.java
 *
 /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/RetryCondition.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/SimpleRetryPolicy.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/StringInputStream.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/RetryOnStatusCodeCondition.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/MapUnmarshaller.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/JsonOperationMetadata.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/OrRetryCondition.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/RetryOnExceptionsCondition.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/JsonErrorShapeMetadata.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/ClientHandlerImpl.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/profile/path/cred/CredentialsDefaultLocationProvider.java
 *
 /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/MarshallLocation.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/JsonErrorResponseMetadata.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/ProtocolRequestMarshaller.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/DefaultValueSupplier.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkJsonGenerator.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/profile/path/AwsProfileFileLocationProviderChain.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/ClientHandlerParams.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/internal/AwsProfileNameLoader.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/request/HttpRequestFactory.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/ProtocolMarshaller.java
 *
 /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/StaticSignerProvider.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/ClientHandler.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/AmazonWebServiceRequestAdapter.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/ClientExecutionParams.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/internal/ProfileStaticCredentialsProvider.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/presign/PresignerFacade.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/internal/QueryParamMarshallers.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/internal/ValueToStringConverters.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/RequestConfig.java
 * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/builder/AwsClientBuilder.java


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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/InstanceMetadataRegionProvider.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/AbstractErrorUnmarshaller.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/BackoffStrategy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/RetryPolicyContext.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/builder/AwsSyncClientBuilder.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/profile/path/cred/CredentialsEnvVarOverrideLocationProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/Protocol.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/presign/PresignerParams.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/auth/profile/internal/ProfileAssumeRoleCredentialsProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/profile/path/cred/CredentialsLegacyConfigLocationProvider.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/internal/JsonMarshaller.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWSRefreshableSessionCredentials.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/StructuredPojo.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/profile/internal/BasicProfile.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/protocol/json/internal/SimpleTypePathMarshallers.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/AwsSystemPropertyRegionProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/SdkStructuredJsonFactoryImpl.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/profile/path/config/ConfigEnvVarOverrideLocationProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/builder/AwsAsyncClientBuilder.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWSStaticCredentialsProvider.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/V2CompatibleBackoffStrategyAdapter.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/v2/AndRetryCondition.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/client/AwsAsyncClientParams.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/profile/path/AwsDirectoryBasePathProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/TimingInfo.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/RetryPolicyAdapter.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkFunction.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/SdkClock.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ImmutableRequest.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/RequestSigner.java

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/SignerAsRequestSigner.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/JsonIndex.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/ImmutableMapParameter.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/Protocol.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/Builder.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/SignerConfigJsonHelper.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/SignerConfig.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/SignatureVersion.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/XmlUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/SimpleTypeUnmarshallers.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/HttpMethodName.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWSCredentials.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/AmazonClientException.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/VoidUnmarshaller.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/Unmarshaller.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/SigningAlgorithm.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/LegacyErrorUnmarshaller.java
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- */
- /**
- * Interface for providing AWS region information. Implementations are free to use any strategy for
- * providing region information.
- */

Found in path(s):

- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/AwsRegionProvider.java

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- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/json/Jackson.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/jmx/spi/JmxInfoProvider.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWSSessionCredentialsProvider.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWSSessionCredentials.java
- *

- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/RequestClientOptions.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/jmx/spi/SdkMBeanRegistry.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/ServiceClientHolderInputStream.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/MetricAdmin.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/MetricAdminMBean.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/ClassLoaderHelper.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/BasicSessionCredentials.java

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- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/JavaVersionParser.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkIOUtils.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/client/ClientExecutionTimeoutException.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/DelegateSocket.java
- *
- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkInternalMap.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkInternalList.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTask.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/ComparableUtils.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/PredefinedClientConfigurations.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/request/NoOpHttpRequestAbortTaskTracker.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTaskImpl.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/client/ConnectionFactory.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/StackedRequestHandler.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/request/HttpRequestAbortTask.java
- *
- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/SignableRequest.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/DnsResolver.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/log/InternalLog.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/UriResourcePathUtils.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/TimeoutThreadPoolBuilder.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/http/JsonErrorMessageParser.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/NumberUtils.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ReadLimitInfo.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskTrackerImpl.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/conn/ssl/MasterSecretValidators.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/log/CommonsLog.java
- *
- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/client/HttpClientFactory.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTrackerTaskImpl.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/SystemDefaultDnsResolver.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/client/ClientExecutionTimer.java

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* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskTracker.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/request/HttpRequestTimer.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/conn/SdkConnectionKeepAliveStrategy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkSSLMetricsSocket.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/ValidationUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/Base16Lower.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/http/timers/client/ClientExecutionAbortTrackerTask.java
*
/ aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/http/timers/client/NoOpClientExecutionAbortTrackerTask.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/log/JulLog.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/log/CommonsLogFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/SdkHttpUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-
jar/com/amazonaws/http/conn/ssl/privileged/PrivilegedMasterSecretValidator.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/log/JulLogFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/HandlerContextKey.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/exception/HttpRequestTimeoutException.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskImpl.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/DelegatingDnsResolver.java
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/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/http/JsonErrorCodeParser.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/JsonErrorUnmarshaller.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/settings/HttpClientSettings.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkMetricsSocket.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/SDKGlobalTime.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/JsonErrorResponseHandler.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/DelegateInputStream.java
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- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/BasicAWSCredentials.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/package-info.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/AmazonWebServiceClient.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/internal/AuthErrorRetryStrategy.java
- *
- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/RequestHandler2.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/CompositeAcceptor.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/impl/client/SdkHttpRequestRetryHandler.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/NamespaceRemovingInputStream.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/Resource.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/internal/JsonDocumentFields.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/SimpleServiceMetricType.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/RetryUtils.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/RequestHandler.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterBuilder.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/Request.java
- *
- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/HttpClientConfig.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterAcceptor.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/Waiter.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/ProgressEvent.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/MetricType.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ProxyAuthenticationMethod.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/AWSRequestMetrics.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/NoOpWaiterHandler.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/internal/JsonPolicyReader.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/SignerParams.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/AcceptorPathMatcher.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/conn/ClientConnectionRequestFactory.java
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- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/SimpleThroughputMetricType.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/conn/Wrapped.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/RequestMetricType.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/conditions/DateCondition.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/ThroughputMetricType.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/SimpleTypeJsonUnmarshallers.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWS4UnsignedPayloadSigner.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/FixedDelayStrategy.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/resources/package-info.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/CRC32ChecksumCalculatingInputStream.java
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- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/SdkFunction.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/HttpResponse.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/internal/JsonPolicyWriter.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/XpathUtils.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/SdkPredicate.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/InternalConfig.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/protocol/json/StructuredJsonMarshaller.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/apache/request/impl/HttpGetWithBody.java
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/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/MetricInputStreamEntity.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/HandlerAfterAttemptContext.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/internal/ServiceMetricTypeGuesser.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ServiceNameFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/RequestHandler2Adaptor.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/Response.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/package-info.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterExecutionBuilder.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/conditions/NumericCondition.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/StaxResponseHandler.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/ProgressEventType.java
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/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/JsonUnmarshallerContext.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/VoidStaxUnmarshaller.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterParameters.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/AmazonHttpClient.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterExecution.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/conditions/StringCondition.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterUnrecoverableException.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/Signer.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/ProgressListenerChain.java
* /aws-java-sdk-core-1-11-313-sources-3-
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/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/AmazonWebServiceResponse.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/VersionInfoUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/PropertiesCredentials.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/NoOpSigner.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/ByteThroughputProvider.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/SignerFactory.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterImpl.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/HttpClientConfigJsonHelper.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/SignerTypeAware.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/PollingStrategy.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/actions/package-info.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/Statement.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/AmazonServiceException.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/protocol/SdkHttpRequestExecutor.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/conditions/ArnCondition.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/MapEntry.java

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- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/DefaultRequest.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/VoidJsonUnmarshaller.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/Condition.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/conditions/package-info.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/PredefinedRetryPolicies.java
- *
- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/MetricFilterInputStream.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/HttpFailureStatusAcceptor.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterState.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/DefaultErrorResponseHandler.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterHandler.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/CollectionUtils.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/PropertiesFileCredentialsProvider.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/Policy.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/CountingInputStream.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ClientConfiguration.java
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- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/DefaultServiceEndpointBuilder.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/AWSRequestMetricsFullSupport.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ApacheHttpClientConfig.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/StandardErrorUnmarshaller.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/StaxUnmarshallerContext.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/HttpMethod.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/PolicyReaderOptions.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/InternalConfigJsonHelper.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/conditions/BooleanCondition.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/MaxAttemptsRetryStrategy.java
- *
- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/AWSServiceMetrics.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/ResponseMetadata.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/HttpSuccessStatusAcceptor.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/Presigner.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/ServiceMetricType.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/AbstractRequestHandler.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/conditions/ConditionFactory.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AnonymousAWSCredentials.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/conditions/IpAddressCondition.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/RuntimeHttpUtils.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/ResponseMetadataCache.java
- *
- /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/AmazonWebServiceRequest.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/Principal.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/WaiterTimedOutException.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/JsonUnmarshallerContextImpl.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AbstractAWSSigner.java
- * /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/HandlerBeforeAttemptContext.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/config/HostRegexToRegionMapping.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/transform/SimpleTypeStaxUnmarshaller.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/AwsSdkMetrics.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/internal/AuthRetryParameters.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/IdentityEndpointBuilder.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/ByteThroughputHelper.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/StringUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/HttpResponseHandler.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/waiters/PollingStrategyContext.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/event/ProgressListener.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/RetryPolicy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/policy/Action.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/SDKGlobalConfiguration.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/handlers/CredentialsRequestHandler.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/SimpleMetricType.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/RepeatableInputStreamRequestEntity.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/metrics/MetricCollector.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/ServiceEndpointBuilder.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWS3Signer.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/AWSCredentialsProviderChain.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/http/IdleConnectionReaper.java
*
/ aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/AwsHostNameUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/InstanceProfileCredentialsProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/EnvironmentVariableCredentialsProvider.java

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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/DynamoDBBackoffStrategy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/CustomBackoffStrategy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/CRC32MismatchException.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/HandlerContextAware.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/EC2MetadataClient.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/DefaultAWSCredentialsProviderChain.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/ContainerCredentialsProvider.java
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* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/EndpointPrefixAwareSigner.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryPolicy.java
*
/aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/EC2CredentialsUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/ContainerCredentialsRetryPolicy.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/CredentialsEndpointProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/ConnectionUtils.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryParameters.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/auth/EC2ContainerCredentialsProviderWrapper.java
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Found in path(s):

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/regions/Regions.java
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Found in path(s):

* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/auth/NoOpSignerProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/adapters/types/TypeAdapter.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/auth/SignerProviderContext.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/MetadataCache.java
*
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/util/NullResponseMetadataCache.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/auth/SignerProvider.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/adapters/types/StringToByteBufferAdapter.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/adapters/types/StringToInputStreamAdapter.java
* /aws-java-sdk-core-1-11-313-sources-3-jar/com/amazonaws/internal/auth/DefaultSignerProvider.java

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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

jar/com/amazonaws/services/secretsmanager/model/PutSecretValueRequest.java

*

/aws-java-sdk-secretsmanager-1-11-313-sources-3-

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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

jar/com/amazonaws/services/secretsmanager/model/ListSecretVersionIdsResult.java

* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

jar/com/amazonaws/services/secretsmanager/model/transform/GetRandomPasswordResultJsonUnmarshaller.java

* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

jar/com/amazonaws/services/secretsmanager/model/ResourceExistsException.java

* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

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*

/aws-java-sdk-secretsmanager-1-11-313-sources-3-

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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

jar/com/amazonaws/services/secretsmanager/model/transform/PutSecretValueRequestMarshaller.java

* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

jar/com/amazonaws/services/secretsmanager/model/transform/DescribeSecretRequestProtocolMarshaller.java

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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/transform/SecretVersionsListEntryMarshaller.java
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/UpdateSecretVersionStageResult.java
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jar/com/amazonaws/services/secretsmanager/model/PutSecretValueResult.java
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/RotateSecretRequest.java
* /aws-java-sdk-secretsmanager-1-11-313-sources-3-jar/com/amazonaws/services/secretsmanager/model/Tag.java
* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/UpdateSecretResult.java
* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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*
/ aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/transform/DeleteSecretResultJsonUnmarshaller.java
* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-jar/com/amazonaws/services/secretsmanager/package-info.java
* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/AbstractAWSSecretsManagerAsync.java
* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-

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jar/com/amazonaws/services/secretsmanager/model/transform/SecretVersionsListEntryJsonUnmarshaller.java
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jar/com/amazonaws/services/secretsmanager/model/ListSecretsRequest.java
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jar/com/amazonaws/services/secretsmanager/model/DeleteSecretRequest.java
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/ListSecretsResult.java

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* / aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* / aws-java-sdk-secretsmanager-1-11-313-sources-3-
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va
* / aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/transform/CancelRotateSecretResultJsonUnmarshaller.java
* / aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/CancelRotateSecretRequest.java
* / aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/DeleteSecretResult.java
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/ aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/AWSSecretsManagerAsyncClientBuilder.java
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* / aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* / aws-java-sdk-secretsmanager-1-11-313-sources-3-
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* / aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/model/transform/RotationRulesTypeJsonUnmarshaller.java
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*/

/**

* <p>

* Creates a new secret. A secret in AWS Secrets Manager consists of both the protected secret data and the

* important information needed to manage the secret.

* </p>

* <p>

* Secrets Manager stores the encrypted secret data in one of a collection of "versions" associated with the secret.

* Each version

contains a copy of the encrypted secret data. Each version is associated with one or more

* "staging labels" that identify where the version is in the rotation cycle. The

* <code>SecretVersionsToStages</code> field of the secret contains the mapping of staging labels to the active

* versions of the secret. Versions without a staging label are considered deprecated and are not included in the

* list.

* </p>

* <p>

* You provide the secret data to be encrypted by putting text in the <code>SecretString</code> parameter or

binary

* data in the <code>SecretBinary</code> parameter. If you include <code>SecretString</code> or

* <code>SecretBinary</code> then Secrets Manager also creates an initial secret version and, if you don't supply

a

* staging label, automatically maps the new version's ID to the staging label <code>AWSCURRENT</code>.

* </p>

* <important>

*

*

* <p>

* If you call an operation that needs

to encrypt or decrypt the <code>SecretString</code> and

* <code>SecretBinary</code> for a secret in the same account as the calling user and that secret doesn't specify a

* KMS encryption key, AWS Secrets Manager uses the account's default AWS managed customer master key

(CMK) with the

* alias <code>aws/secretsmanager</code>. If this key doesn't already exist in your account then AWS Secrets

Manager

* creates it for you automatically. All users in the same AWS account automatically have access to use the default

* CMK. Note that if an AWS Secrets Manager API call results in AWS having to create the account's AWS-

managed CMK,

- * it can result in a one-time significant delay in returning the result.

-

-

-

- * If the secret is in a different AWS account from the credentials calling an API that requires encryption or decryption of the secret value then you must create and use a custom KMS CMK because you can't access the default CMK for the account using credentials from a different AWS account. Store the ARN of the CMK in the secret when you create the secret or when you update it by including it in the `KMSKeyId`. If you call an API that
- * must encrypt or decrypt `SecretString` or `SecretBinary` using credentials from a different account then the KMS key policy must grant cross-account access to that other account's user or role.

-

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- * **Minimum permissions**

-

- * To run this command, you must have the following permissions:

-

-

-

-

- * `secretsmanager:CreateSecret`

-

-

-

-

- * `kms:GenerateDataKey` - needed only if you use a customer-created KMS key to encrypt the secret. You do not need this permission to use the account's default AWS managed CMK for Secrets Manager.

-

-

-

-

-

- * `kms:Encrypt` - needed only if you use a customer-created KMS key to encrypt the secret. You do not need this permission to use the account's default AWS managed CMK for Secrets Manager.

-

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-

-

- * **Related operations**

- * </p>
- *
- *
- * <p>
- * To delete a secret, use <a>DeleteSecret.
- * </p>
- *
- *
- * <p>
- * To modify an existing secret, use <a>UpdateSecret.
- * </p>
- *
- *
- * <p>
- * To create a new version of a secret, use <a>PutSecretValue.
- * </p>
- *
- *
- * <p>
- * To retrieve the encrypted secure string and secure binary values, use <a>GetSecretValue.
- * </p>
- *
- *
- * <p>
- * To retrieve all other details for a secret, use <a>DescribeSecret. This does not include the encrypted secure
 - * string and secure binary values.
- * </p>
- *
- *
- * <p>
- * To retrieve the list of secret versions associated with the current secret, use <a>DescribeSecret and examine
 - * the <code>SecretVersionsToStages</code> response value.
- * </p>
- *
- *
- *
- * @param createSecretRequest
- * @return Result of the CreateSecret operation returned by the service.
- * @throws InvalidParameterException
 - * You provided an invalid value for a parameter.
- * @throws InvalidRequestException
 - * You provided a parameter value that is not valid for the current state of the resource. For example, if
 - * you try to enable rotation on a secret, you must already have a Lambda function ARN configured or
 - * included as a parameter in this call.
- * @throws LimitExceededException
 - * The request failed because it would exceed one of the AWS Secrets Manager internal limits.
- * @throws EncryptionFailureException
 - * AWS Secrets Manager can't encrypt the protected secret text using the provided KMS key. Check that the

- * customer master key (CMK) is available, enabled, and not in an invalid state. For more information, see
- * [How Key State Affects](http://docs.aws.amazon.com/kms/latest/developerguide/key-state.html)

Use

- * of a Customer Master Key
- * @throws ResourceExistsException
 - * A resource with the ID you requested already exists.
- * @throws ResourceNotFoundException
 - * We can't find the resource that you asked for.
- * @throws MalformedPolicyDocumentException
 - * The policy document that you provided isn't valid.
- * @throws InternalServiceErrorException
 - * An error occurred on the server side.
- * @sample AWSecretsManager.CreateSecret
- * @see <http://docs.aws.amazon.com/goto/WebAPI/secretsmanager-2017-10-17/CreateSecret>

target="_top">AWS

- * API Documentation
- */

/**

- * <p>
- * Stores a new encrypted secret value in the specified secret. To do this, the operation creates a new version and
- * attaches it to the secret. The version can contain a new `SecretString` value or a new
- * `SecretBinary` value.
- * </p>
- * <note>
- * <p>
- * The AWS Secrets Manager console uses only the `SecretString` field. To add binary data to a

secret

- * with the `SecretBinary` field you must use the AWS CLI or one of the AWS SDKs.
- * </p>
- * </note>
- *
- *
- * <p>
- * If this operation creates the first version for the secret then Secrets Manager automatically attaches the
- * staging label `AWSCURRENT` to the new version.
- * </p>
- *
- *
- * <p>
- * If another version of this secret already exists, then this operation does not automatically move any staging
- * labels other than those that you specify in the `VersionStages` parameter.
- * </p>
- *
- *
- * <p>
- * This operation is idempotent. If a version with a `SecretVersionId` with the same value as the
- * `ClientRequestToken` parameter already exists and you specify the same secret data, the

operation

- * succeeds but does nothing. However, if the secret data is different, then the operation fails because you cannot modify an existing version; you can only create new ones.

-

-

- * If this operation moves the staging label `AWSCURRENT` to this version (because you included it in the `StagingLabels` parameter) then Secrets Manager also automatically moves the staging label `AWSPREVIOUS` to the version that `AWSCURRENT` was removed from.

-

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Important

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- * If you call an operation that needs to encrypt or decrypt the `SecretString` and `SecretBinary` for a secret in the same account as the calling user and that secret doesn't specify a KMS encryption key, AWS Secrets Manager uses the account's default AWS managed customer master key (CMK) with the alias `aws/secretsmanager`. If this key doesn't already exist in your account then AWS Secrets Manager
 - * creates it for you automatically. All users in the same AWS account automatically have access to use the default CMK. Note that if an AWS Secrets Manager API call results in AWS having to create the account's AWS-managed CMK,
 - * it can result in a one-time significant delay in returning the result.

-

-

- * If the secret is in a different AWS account from the credentials calling an API that requires encryption or decryption of the secret value then you must create and use a custom KMS CMK because you can't access the default CMK for the account using credentials from a different AWS account. Store the ARN of the CMK in the secret when
 - * you create the secret or when you update it by including it in the `KMSKeyId`. If you call an API that
 - * must encrypt or decrypt `SecretString` or `SecretBinary` using credentials from a different account then the KMS key policy must grant cross-account access to that other account's user or role.

-

-

Minimum permissions

- * <p>
- * To run this command, you must have the following permissions:
- * </p>
- *
- *
- * <p>
- * secretsmanager:PutSecretValue
- * </p>
- *
- *
- * <p>
- * kms:GenerateDataKey - needed only if you use a customer-created KMS key to encrypt the secret. You do not need
- * this permission to use the account's AWS managed CMK for Secrets Manager.
- * </p>
- *
- *
- * <p>
- * kms:Encrypt - needed only if you use a customer-created KMS key to encrypt the secret. You do not need this
- * permission to use the account's AWS managed CMK for Secrets Manager.
- * </p>
- *
- *
- * <p>
- * Related operations
- * </p>
- *
- *
- * <p>
- * To retrieve the encrypted value you store in the version of a secret, use <a>GetSecretValue.
- * </p>
- *
- *
- * <p>
- * To create a secret, use <a>CreateSecret.
- * </p>
- *
- *
- * <p>
- * To get the details for a secret, use <a>DescribeSecret.
- * </p>
- *
- *
- * <p>
- * To list the versions attached to a secret, use <a>ListSecretVersionIds.
- * </p>
- *
- *

- *
 - * @param putSecretValueRequest
 - * @return

Result of the PutSecretValue operation returned by the service.

- * @throws InvalidParameterException
 - * You provided an invalid value for a parameter.
- * @throws InvalidRequestException
 - * You provided a parameter value that is not valid for the current state of the resource. For example, if you try to enable rotation on a secret, you must already have a Lambda function ARN configured or included as a parameter in this call.
- * @throws LimitExceededException
 - * The request failed because it would exceed one of the AWS Secrets Manager internal limits.
- * @throws EncryptionFailureException
 - * AWS Secrets Manager can't encrypt the protected secret text using the provided KMS key. Check that the customer master key (CMK) is available, enabled, and not in an invalid state. For more information, see <http://docs.aws.amazon.com/kms/latest/developerguide/key-state.html> How

Key State Affects Use

- * of a Customer Master Key
- * @throws ResourceExistsException
 - * A resource with the ID you requested already exists.
- * @throws ResourceNotFoundException
 - * We can't find the resource that you asked for.
- * @throws InternalServiceErrorException
 - * An error occurred on the server side.
- * @sample AWSSecretsManager.PutSecretValue
- * @see <http://docs.aws.amazon.com/goto/WebAPI/secretsmanager-2017-10-17/PutSecretValue>

target="_top">AWS

- * API Documentation
- */

Found in path(s):

- * /aws-java-sdk-secretsmanager-1-11-313-sources-3-jar/com/amazonaws/services/secretsmanager/AWSSecretsManagerClient.java
- * /aws-java-sdk-secretsmanager-1-11-313-sources-3-jar/com/amazonaws/services/secretsmanager/AWSSecretsManager.java

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```
/*
 * Copyright 2013-2018 Amazon.com, Inc. or its affiliates. All Rights Reserved.
 *
 * Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
 * with
 * the License. A copy of the License is located at
 *
 * http://aws.amazon.com/apache2.0
 *
 * or in the "license" file accompanying this file. This file 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.
- */
- /**
- * <p>
- * Creates a new secret. A secret in AWS Secrets Manager consists of both the protected secret data and the
- * important information needed to manage the secret.
- * </p>
- * <p>
- * Secrets Manager stores the encrypted secret data in one of a collection of "versions" associated with the secret.
- * Each version
- contains a copy of the encrypted secret data. Each version is associated with one or more
- * "staging labels" that identify where the version is in the rotation cycle. The
- * <code>SecretVersionsToStages</code> field of the secret contains the mapping of staging labels to the active
- * versions of the secret. Versions without a staging label are considered deprecated and are not included in the
- * list.
- * </p>
- * <p>
- * You provide the secret data to be encrypted by putting text in the <code>SecretString</code> parameter or
- binary
- * data in the <code>SecretBinary</code> parameter. If you include <code>SecretString</code> or
- * <code>SecretBinary</code> then Secrets Manager also creates an initial secret version and, if you don't supply
- a
- * staging label, automatically maps the new version's ID to the staging label <code>AWSCURRENT</code>.
- * </p>
- * <important>
- *
- *
- * <p>
- * If you call an operation that needs
- to encrypt or decrypt the <code>SecretString</code> and
- * <code>SecretBinary</code> for a secret in the same account as the calling user and that secret doesn't specify a
- * KMS encryption key, AWS Secrets Manager uses the account's default AWS managed customer master key
- (CMK) with the
- * alias <code>aws/secretsmanager</code>. If this key doesn't already exist in your account then AWS Secrets
- Manager
- * creates it for you automatically. All users in the same AWS account automatically have access to use the default
- * CMK. Note that if an AWS Secrets Manager API call results in AWS having to create the account's AWS-
- managed CMK,
- * it can result in a one-time significant delay in returning the result.
- * </p>
- *
- *
- * <p>
- * If the secret is in a different AWS account from the credentials calling an API that requires encryption or
- * decryption of the secret value then you must create and use a custom KMS CMK because you can't

access the default

- * CMK for the account using credentials from a different AWS account. Store the ARN of the CMK in the secret when

- * you create the secret or when you update it by including it in the `KMSKeyId`. If you call an API that

- * must encrypt or decrypt `SecretString` or `SecretBinary` using credentials from a different

- * account then the KMS key policy must grant cross-account access to that other account's user or role.

- *

- * -

- *

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- *

- * **Minimum permissions**

- *

- *

- * To run this command, you must have the following permissions:

- *

- *

- * -

- *

- * `secretsmanager:CreateSecret`

- *

- * -

- * -

- *

- * `kms:GenerateDataKey` - needed only if you use a customer-created KMS key to encrypt the secret. You do not need

- * this permission to use the account's default AWS managed

CMK for Secrets Manager.

- *

- * -

- * -

- *

- * `kms:Encrypt` - needed only if you use a customer-created KMS key to encrypt the secret. You do not need this

- * permission to use the account's default AWS managed CMK for Secrets Manager.

- *

- * -

- *

- *

- * **Related operations**

- *

- *

- * -

- *

- * To delete a secret, use `DeleteSecret`.

- *

- * -

- *
- * <p>
- * To modify an existing secret, use <a>UpdateSecret.
- * </p>
- *
- *
- * <p>
- * To create a new version of a secret, use <a>PutSecretValue.
- * </p>
- *
- *
- * <p>
- * To retrieve the encrypted secure string and secure binary values, use <a>GetSecretValue.
- * </p>
- *
- *
- * <p>
- * To retrieve all other details for a secret, use <a>DescribeSecret. This does not include the encrypted secure string and secure binary values.
- * </p>
- *
- *
- * <p>
- * To retrieve the list of secret versions associated with the current secret, use <a>DescribeSecret and examine the <code>SecretVersionsToStages</code> response value.
- * </p>
- *
- *
- *
- * @param createSecretRequest
- * @return A Java Future containing the result of the CreateSecret operation returned by the service.
- * @sample AWSSecretsManagerAsync.CreateSecret
- * @see AWS API Documentation
- */
- /**
- * <p>
- * Stores a new encrypted secret value in the specified secret. To do this, the operation creates a new version and attaches it to the secret. The version can contain a new <code>SecretString</code> value or a new <code>SecretBinary</code> value.
- * </p>
- * <note>
- * <p>
- * The AWS Secrets Manager console uses only the <code>SecretString</code> field. To add binary data to a secret with the <code>SecretBinary</code> field you must use the AWS CLI or one of the AWS SDKs.
- * </p>

- * </note>
- *
- *
- * <p>
- * If this operation creates the first version for the secret then Secrets Manager automatically attaches the staging label `AWSCURRENT` to the new version.
- * </p>
- *
- *
- * <p>
- * If another version of this secret already exists, then this operation does not automatically move any staging labels other than those that you specify in the `VersionStages` parameter.
- * </p>
- *
- *
- * <p>
- * This operation is idempotent. If a version with a `SecretVersionId` with the same value as the `ClientRequestToken` parameter already exists and you specify the same secret data, the operation
 - * succeeds but does nothing. However, if the secret data is different, then the operation fails because you cannot
 - * modify an existing version; you can only create new ones.
- * </p>
- *
- *
- * <p>
- * If this operation moves the staging label `AWSCURRENT` to this version (because you included it in the
 - * `StagingLabels` parameter) then Secrets Manager also automatically moves the staging label `AWSPREVIOUS` to the version that `AWSCURRENT` was removed from.
- * </p>
- *
- *
- * <important>
- *
- *
- * <p>
- * If you call an operation that needs to encrypt or decrypt the `SecretString` and `SecretBinary` for a secret in the same account as the calling user and that secret doesn't specify a KMS encryption key, AWS Secrets Manager uses the account's default AWS managed customer master key (CMK) with the
 - * alias `aws/secretsmanager`.
- If this key doesn't already exist in your account then AWS Secrets Manager
 - * creates it for you automatically. All users in the same AWS account automatically have access to use the default CMK. Note that if an AWS Secrets Manager API call results in AWS having to create the account's AWS-managed CMK,
 - * it can result in a one-time significant delay in returning the result.
- * </p>

- *
- *
- * <p>
- * If the secret is in a different AWS account from the credentials calling an API that requires encryption or decryption of the secret value then you must create and use a custom KMS CMK because you can't access the default
- * CMK for the account using credentials from a different AWS account. Store the ARN of the CMK in the secret when
- * you create the secret or when you update it by including it in the <code>KMSKeyId</code>. If you call an API that
- * must encrypt or decrypt <code>SecretString</code> or <code>SecretBinary</code>
- using credentials from a different
- * account then the KMS key policy must grant cross-account access to that other account's user or role.
- * </p>
- *
- *
- * </important>
- * <p>
- * Minimum permissions
- * </p>
- * <p>
- * To run this command, you must have the following permissions:
- * </p>
- *
- *
- * <p>
- * secretsmanager:PutSecretValue
- * </p>
- *
- *
- * <p>
- * kms:GenerateDataKey - needed only if you use a customer-created KMS key to encrypt the secret. You do not need
- * this permission to use the account's AWS managed CMK for Secrets Manager.
- * </p>
- *
- *
- * <p>
- * kms:Encrypt - needed only if you use a customer-created KMS key to encrypt the secret. You do not need this
- * permission to use the account's AWS managed CMK for Secrets Manager.
- * </p>
- *
- *
- * <p>
- * Related operations
- * </p>
- *
- *

```

* <p>
* To retrieve the encrypted value you store in the version of a secret, use <a>GetSecretValue</a>.
* </p>
* </li>
* <li>
* <p>
* To create a secret, use <a>CreateSecret</a>.
* </p>
* </li>
* <li>
* <p>
* To get the details for a secret, use <a>DescribeSecret</a>.
* </p>
* </li>
* <li>
* <p>
* To list the versions attached to a secret, use <a>ListSecretVersionIds</a>.
* </p>
* </li>
* </ul>
*
* @param putSecretValueRequest
* @return A Java Future containing the result of the PutSecretValue operation returned by the service.
* @sample AWSSecretsManagerAsync.PutSecretValue
* @see <a href="http://docs.aws.amazon.com/goto/WebAPI/secretsmanager-2017-10-17/PutSecretValue"
target="_top">AWS
*   API Documentation</a>
*/

```

Found in path(s):

```

* /aws-java-sdk-secretsmanager-1-11-313-sources-3-
jar/com/amazonaws/services/secretsmanager/AWSSecretsManagerAsync.java

```

1.148 engine.io-client 1.0.2

1.148.1 Available under license :

MIT
(The MIT License)

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1.149 socket.io-client 1.0.2

1.149.1 Available under license :

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

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>io.socket</groupId>
  <artifactId>socket.io-client</artifactId>
  <version>1.0.2</version>
  <packaging>jar</packaging>
  <name>socket.io-client</name>
  <description>Socket.IO Client Library for Java</description>
  <url>https://github.com/socketio/socket.io-client-java</url>

  <parent>
    <groupId>org.sonatype.oss</groupId>
    <artifactId>oss-parent</artifactId>
    <version>7</version>
  </parent>

  <properties>
    <github.global.server>github</github.global.server>
  </properties>

  <licenses>
    <license>
      <name>The MIT License (MIT)</name>
      <url>http://opensource.org/licenses/mit-license</url>
      <distribution>repo</distribution>
    </license>
```

```

</licenses>

<scm>
  <url>https://github.com/socketio/socket.io-client-java</url>
  <connection>scm:git:https://github.com/socketio/socket.io-client-java.git</connection>
  <developerConnection>scm:git:https://github.com/socketio/socket.io-client-java.git</developerConnection>
  <tag>socket.io-client-1.0.2</tag>
</scm>

<developers>
  <developer>
    <id>nkzawa</id>
    <name>Naoyuki Kanezawa</name>
    <email>naoyuki.kanezawa@gmail.com</email>
  </developer>
</developers>

<repositories>
  <repository>
    <id>sonatype-oss-public</id>
    <url>https://oss.sonatype.org/content/groups/public/</url>
    <releases>
      <enabled>true</enabled>
    </releases>
    <snapshots>
      <enabled>true</enabled>
    </snapshots>
  </repository>
</repositories>

<prerequisites>
  <maven>3.0.4</maven>
</prerequisites>

<dependencies>
  <dependency>
    <groupId>io.socket</groupId>
    <artifactId>engine.io-client</artifactId>

    <version>1.0.2</version>
  </dependency>
  <dependency>
    <groupId>org.json</groupId>
    <artifactId>json</artifactId>
    <version>20090211</version>
  </dependency>
  <dependency>
    <groupId>junit</groupId>

```



```

    <artifactId>junit</artifactId>
    <version>4.12</version>
    <scope>test</scope>
</dependency>
<dependency>
    <groupId>org.hamcrest</groupId>
    <artifactId>hamcrest-library</artifactId>
    <version>1.3</version>
    <scope>test</scope>
</dependency>
<dependency>
    <groupId>org.skyscreamer</groupId>
    <artifactId>jsonassert</artifactId>
    <version>1.5.0</version>
    <scope>test</scope>
</dependency>
</dependencies>

<distributionManagement>
    <snapshotRepository>
        <id>ossrh</id>
        <url>https://oss.sonatype.org/content/repositories/snapshots</url>
    </snapshotRepository>
    <repository>
        <id>ossrh</id>
        <url>https://oss.sonatype.org/service/local/staging/deploy/maven2/</url>
    </repository>
</distributionManagement>

<build>
    <plugins>
    <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-compiler-plugin</artifactId>
        <version>3.5.1</version>
        <configuration>
            <source>1.7</source>
            <target>1.7</target>
            <compilerArgs>
                <arg>-Xlint:unchecked</arg>
            </compilerArgs>
            <showWarnings>true</showWarnings>
            <showDeprecation>true</showDeprecation>
        </configuration>
    </plugin>
    <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-surefire-plugin</artifactId>

```

```

<version>2.19.1</version>
<configuration>
  <argLine>-Dfile.encoding=UTF-8</argLine>
  <systemProperties>
    <property>
      <name>java.util.logging.config.file</name>
      <value>./src/test/resources/logging.properties</value>
    </property>
  </systemProperties>
</configuration>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-gpg-plugin</artifactId>
  <version>1.6</version>
  <executions>
    <execution>
      <id>sign-artifacts</id>
      <phase>verify</phase>
      <goals>
        <goal>sign</goal>
      </goals>
    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-source-plugin</artifactId>
  <version>3.0.1</version>
  <executions>
    <execution>
      <id>attach-sources</id>
      <goals>
        <goal>jar-no-fork</goal>
      </goals>
    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-javadoc-plugin</artifactId>
  <version>2.10.4</version>
  <executions>
    <execution>
      <id>attach-javadocs</id>
      <goals>
        <goal>jar</goal>
      </goals>
    </execution>
  </executions>
</plugin>

```

```

    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-release-plugin</artifactId>
  <version>2.5.3</version>
  <configuration>
    <autoVersionSubmodules>true</autoVersionSubmodules>
    <useReleaseProfile>>false</useReleaseProfile>
    <releaseProfiles>release</releaseProfiles>
    <goals>deploy</goals>
  </configuration>
</plugin>
<plugin>
  <groupId>org.sonatype.plugins</groupId>
  <artifactId>nexus-staging-maven-plugin</artifactId>
  <version>1.6.7</version>
  <extensions>true</extensions>
  <configuration>
    <serverId>ossrh</serverId>
    <nexusUrl>https://oss.sonatype.org</nexusUrl>
    <autoReleaseAfterClose>true</autoReleaseAfterClose>
  </configuration>
</plugin>
<plugin>
  <groupId>org.codehaus.mojo</groupId>
  <artifactId>exec-maven-plugin</artifactId>
  <version>1.5.0</version>
  <executions>
    <execution>
      <id>npm-install</id>
      <phase>process-test-resources</phase>
      <goals>
        <goal>exec</goal>
      </goals>
      <configuration>
        <workingDirectory>./src/test/resources</workingDirectory>
        <executable>npm</executable>
        <arguments>
          <argument>install</argument>
        </arguments>
      </configuration>
    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.codehaus.mojo</groupId>

```

```

<artifactId>versions-maven-plugin</artifactId>
<version>2.3</version>
</plugin>
<plugin>
<groupId>com.github.github</groupId>
<artifactId>site-maven-plugin</artifactId>
<version>0.12</version>

<configuration>
<message>Creating site for ${project.version}</message>
</configuration>
<executions>
<execution>
<goals>
<goal>site</goal>
</goals>
<phase>site</phase>
</execution>
</executions>
</plugin>
</plugins>
</build>
</project>

```

Found in path(s):

* /socket-io-client-1-0-2-jar/META-INF/maven/io.socket/socket.io-client/pom.xml

1.150 jackson-annotations 2.13.4

1.150.1 Available under license :

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Version 2.0, January 2004
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1.151 zlib 1.2.11

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#

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#

.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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Any

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That's all there is to it!

1.155 binutils 2.30-117.el8

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+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith

Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to

distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

Section 6 states terms for distribution of such executables.

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any

executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally 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

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7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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Sections above.

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

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

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

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

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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.)

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

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

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

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

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

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to use the modified definitions.)

- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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Appendix: How to Apply These Terms to Your New Libraries

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

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

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

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

Here is a sample; alter the names:

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

That's all there is to it!

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Version 3, 29 June 2007

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1. Source Code.

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

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

The

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

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

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

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section 10

makes it unnecessary.

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5. Conveying Modified Source Versions.

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

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

6. Conveying Non-Source Forms.

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

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

written offer, valid for at least three years

and valid for as

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

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

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

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

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

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```
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```

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```
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This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
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```

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Version 3, 29 June 2007

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1.165 log4j-api 2.19.0

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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.169 jackson-module-kotlin 2.13.4

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1.171 jackson-module-afterburner 2.13.4

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1.172 metrics-jvm 4.2.12

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Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.jvm
Build-Jdk-Spec: 11
Bundle-Description: A set of classes which allow you to monitor critical aspects of your Java Virtual Machine using Metrics.
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>
Bundle-ManifestVersion: 2
Bundle-Name: JVM Integration for Metrics
Bundle-SymbolicName: io.dropwizard.metrics.jvm
Bundle-Version: 4.2.12
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: com.codahale.metrics.jvm;uses:="com.codahale.metrics,javax.management";version="4.2.12"
Implementation-Title: JVM Integration for Metrics
Implementation-Version: 4.2.12
Import-Package: org.slf4j;version="[1.6.0,2.0.0)",com.sun.management;resolution:=optional,com.codahale.metrics;version="[4.2,5)",javax.management
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):
* /metrics-jvm-4-2-12-jar/META-INF/MANIFEST.MF

1.173 metrics-health-checks 4.2.12

1.173.1 Available under license :

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Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.health
Build-Jdk-Spec: 11

Bundle-Description: An addition to Metrics which provides the ability to run application-specific health checks, allowing you to check your application's health in production.
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Health Checks
Bundle-SymbolicName: io.dropwizard.metrics.healthchecks
Bundle-Version: 4.2.12
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: com.codahale.metrics.health.jvm;uses:="com.codahale.metrics.health,com.codahale.metrics.jvm";version="4.2.12",com.codahale.metrics.health.annotation;version="4.2.12",com.codahale.metrics.health;uses:="com.codahale.metrics";version="4.2.12"
Implementation-Title: Metrics Health Checks
Implementation-Version: 4.2.12
Import-Package: org.slf4j;version="[1.6.0,2.0.0)",com.codahale.metrics;version="[4.2,5)",com.codahale.metrics.health,com.codahale.metrics.health.annotation,com.codahale.metrics.jvm;version="[4.2,5)";resolution:=optional
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /metrics-healthchecks-4-2-12-jar/META-INF/MANIFEST.MF

1.174 vertx-uri-template 4.3.4

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* /vertx-uri-template-4-3-4-sources-jar/io/vertx/uritemplate/Variables.java

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Found in path(s):

```

* /vertx-uri-template-4-3-4-sources-jar/io/vertx/uritemplate/package-info.java
* /vertx-uri-template-4-3-4-sources-jar/io/vertx/uritemplate/ExpandOptions.java
* /vertx-uri-template-4-3-4-sources-jar/io/vertx/uritemplate/impl/VariablesImpl.java
* /vertx-uri-template-4-3-4-sources-jar/io/vertx/uritemplate/impl/UriTemplateImpl.java
* /vertx-uri-template-4-3-4-sources-jar/io/vertx/uritemplate/UriTemplate.java

```

1.175 vertx-web-common 4.3.4

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```

* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/multipart/impl/FormDataTypeImpl.java
* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/multipart/MultipartForm.java
* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/multipart/impl/MultipartFormImpl.java
* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/multipart/FormDataType.java

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Found in path(s):

```

* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/common/template/CachingTemplateEngine.java
* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/common/template/impl/TemplateHolder.java
* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/common/template/TemplateEngine.java
* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/codec/impl/StreamingBodyCodec.java
* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/codec/spi/BodyStream.java

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* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/codec/impl/BodyCodecImpl.java
* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/codec/BodyCodec.java

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* /vertx-web-common-4-3-4-sources-jar/io/vertx/ext/web/common/WebEnvironment.java

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1.176 vertx-bridge-common 4.3.4

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Found in path(s):

```

* /vertx-bridge-common-4-3-4-sources-jar/io/vertx/ext/bridge/package-info.java
* /vertx-bridge-common-4-3-4-sources-jar/io/vertx/ext/bridge/PermittedOptions.java
* /vertx-bridge-common-4-3-4-sources-jar/io/vertx/ext/bridge/BridgeOptions.java

```

1.177 vertx-core 4.3.4

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Core commands

```
io.vertx.core.impl.launcher.commands.RunCommandFactory
io.vertx.core.impl.launcher.commands.VersionCommandFactory
io.vertx.core.impl.launcher.commands.BareCommandFactory
```

Background application control

```
io.vertx.core.impl.launcher.commands.ListCommandFactory
io.vertx.core.impl.launcher.commands.StartCommandFactory
io.vertx.core.impl.launcher.commands.StopCommandFactory
```

Found in path(s):

* /vertx-core-4-3-4-jar/META-INF/services/io.vertx.core.spi.launcher.CommandFactory

1.178 vertx-auth-common 4.3.4

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- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/asn/ASN1.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/CertificateHelper.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/cose/CWK.java

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- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/Authorizations.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/AuthorizationsImpl.java

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* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/KeyStoreOptions.java

* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/jose/JWE.java

* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/jose/JWS.java

* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/VertxContextPRNG.java

* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/NoSuchKeyIdException.java

*

/vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/http/SimpleHttpClient.java

* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/jose/JWT.java

* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/AuthOptions.java

* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/http/SimpleHttpResponse.java

* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/jose/JWK.java

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```
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/hash/AbstractMDHash.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/hash/SHA256.java
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```

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

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```
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/OrAuthorization.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/VariableAwareExpression.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/PermissionBasedAuthorization.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/AuthorizationProvider.java
*
```

```
 /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/Authorization.java
```

```
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/OrAuthorizationImpl.java
```

```
* /vertx-auth-common-4-3-4-sources-
```

```
jar/io/vertx/ext/auth/authorization/impl/PermissionBasedAuthorizationConverter.java
```

```
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/OrAuthorizationConverter.java
```

```
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/NotAuthorizationConverter.java
```

```
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/AuthorizationContext.java
```

```
* /vertx-auth-common-4-3-4-sources-
```

```
jar/io/vertx/ext/auth/authorization/impl/WildcardPermissionBasedAuthorizationConverter.java
```

```
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/RoleBasedAuthorization.java
```

```
* /vertx-auth-common-4-3-4-sources-
```

```
jar/io/vertx/ext/auth/authorization/WildcardPermissionBasedAuthorization.java
```

```
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/AuthorizationContextImpl.java
```

```
*
```

```

/vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/UserConverter.java
* /vertx-auth-common-4-3-4-sources-
jar/io/vertx/ext/auth/authorization/impl/WildcardPermissionBasedAuthorizationImpl.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/AndAuthorization.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/UserImpl.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/NotAuthorization.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/AndAuthorizationConverter.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/NotAuthorizationImpl.java
* /vertx-auth-common-4-3-4-sources-
jar/io/vertx/ext/auth/authorization/impl/RoleBasedAuthorizationConverter.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/AndAuthorizationImpl.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/RoleBasedAuthorizationImpl.java
*
/vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/PermissionBasedAuthorizationImpl.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authorization/impl/AuthorizationConverter.java
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* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authentication/UsernamePasswordCredentials.java
* /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authentication/TokenCredentials.java
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- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/User.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/ChainAuth.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/hash/SHA512.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authentication/AuthenticationProvider.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/HashString.java
- *
- /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authentication/CredentialValidationException.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/PRNG.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/package-info.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/HashingAlgorithm.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/Codec.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/ChainAuthImpl.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/impl/hash/PBKDF2.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/AuthProvider.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/authentication/Credentials.java
- * /vertx-auth-common-4-3-4-sources-jar/examples/package-info.java
- * /vertx-auth-common-4-3-4-sources-jar/io/vertx/ext/auth/HashingStrategy.java
- * /vertx-auth-common-4-3-4-sources-jar/examples/AuthCommonExamples.java

1.179 vertx-web 4.3.4

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```
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/ResponseContentTypeHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/ResponseContentTypeHandler.java
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* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/TimeoutHandler.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/MethodOverrideHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/Utils.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/ErrorHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/RouterImpl.java
*
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/ResponseTimeHandler.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/AllowForwardHeaders.java
```


- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/LoggerFormatter.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/DigestAuthHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/BodyHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/BodyHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/HTTPAuthorizationHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/FormLoginHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/FileUploadImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/RoutingContextImplBase.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/APIKeyHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/RoutingContextWrapper.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/ErrorHandler.java
- *
- /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/RedirectAuthHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/WebAuthnHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/AuthenticationHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/ResponseTimeHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/sstore/LocalSessionStore.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/LoggerHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/BasicAuthHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/HSTSHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/FormLoginHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/LoggerHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/WebAuthnHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/TemplateHandler.java
- *
- /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/SockJSBridgeOptions.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/AuthenticationHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/SockJSHandlerOptions.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/ChainAuthHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/LRUCache.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/TemplateHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/TimeoutHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/LoggerFormat.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/BridgeEventImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/BlockingHandlerDecorator.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/RoutingContextInternal.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/sstore/impl/ClusteredSessionStoreImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/sstore/SessionStore.java
- *
- /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/sstore/AbstractSession.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/JWTAuthHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/StaticHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/RouteImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/FaviconHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/CSPHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/StaticHandlerImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/sstore/ClusteredSessionStore.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/XFrameHandler.java

```

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/APIKeyHandler.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/FaviconHandler.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/ForwardedParser.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/BasicAuthHandlerImpl.java
*
/vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/OAuth2AuthHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/SessionHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/JWTAuthHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/Session.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/OAuth2AuthHandler.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/FileUpload.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/RedirectAuthHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/sstore/impl/SessionInternal.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/Router.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/DigestAuthHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/Route.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/SessionHandler.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/SimpleAuthenticationHandler.java
*
/vertx-web-4-3-4-sources-jar/io/vertx/ext/web/sstore/impl/LocalSessionStoreImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/BridgeEvent.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/RoutingContextImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/sstore/impl/SharedDataSessionImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/HttpException.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/UserHolder.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/MethodOverrideHandler.java
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* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/MultiTenantHandler.java

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* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/RouterState.java

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* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/RawWebSocketTransport.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/XhrTransport.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/HtmlFileTransport.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/JsonPTransport.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/WebSocketTransport.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/SockJSSocket.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/JsonCodec.java

*

/vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/SockJSSocketBase.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/TransportListener.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/EventSourceTransport.java

* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/SockJSImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/EventBusBridgeImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/Transport.java
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* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/TotpAuthHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/HotpAuthHandlerImpl.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/OtpAuthHandler.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/SecurityPolicyHandler.java
*
/vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/InputTrustHandler.java
* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/PlatformHandler.java
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* Contributors: 1

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* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/AuthorizationHandlerImpl.java

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* /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/SockJSHandler.java
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- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/RequestBodyImpl.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/OrderListener.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/CorsHandler.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/impl/CorsHandlerImpl.java

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- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/impl/SparseArray.java
- * /vertx-web-4-3-4-sources-jar/io/vertx/ext/web/handler/sockjs/impl/StringEscapeUtils.java

1.180 metrics-json 4.2.12

1.180.1 Available under license :

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Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.json

Build-Jdk-Spec: 11

Bundle-Description: A set of Jackson modules which provide serializers for most Metrics classes.

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: Jackson Integration for Metrics

Bundle-SymbolicName: io.dropwizard.metrics.json

Bundle-Version: 4.2.12

Created-By: Apache Maven Bundle Plugin 5.1.8

Export-Package: com.codahale.metrics.json;uses:="com.codahale.metrics, com.fasterxml.jackson.core,com.fasterxml.jackson.databind";version="4.2.12"

Implementation-Title: Jackson Integration for Metrics

Implementation-Version: 4.2.12

Import-Package: com.codahale.metrics;version="[4.2,5)",com.codahale.metrics.health;version="[4.2,5)";resolution:=optional,com.fasterxml.jac

kson.core;version="[2.12,3)",com.fasterxml.jackson.databind;version="[2.12,3)",com.fasterxml.jackson.databind.module;version="[2.12,3)",com.fasterxml.jackson.databind.ser;version="[2.12,3)",com.fasterxml.jackson.databind.ser.std;version="[2.12,3)"
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /metrics-json-4-2-12-jar/META-INF/MANIFEST.MF

1.181 log4j-jcl 2.19.0

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1.182 log4j-slf4j-impl 2.19.0

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1.184 vertx-web-client 4.3.4

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```

Found in path(s):

```
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/HttpResponse.java
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/HttpRequestImpl.java
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/HttpRequest.java
```

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```
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/ClientPhase.java
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* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/OAuth2AwareInterceptor.java

* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/OAuth2WebClientAware.java

* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/OAuth2WebClient.java

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- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/CookieStoreImpl.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/WebClientSession.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/WebClientSessionAware.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/spi/CookieStore.java

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- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/predicate/ResponsePredicate.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/predicate/ResponsePredicateResult.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/predicate/ResponsePredicateResultImpl.java
- *
- /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/predicate/ResponsePredicateImpl.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/predicate/ErrorConverterImpl.java
- * /vertx-web-client-4-3-4-sources-jar/examples/WebClientExamples.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/predicate/ErrorConverter.java

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* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/HttpResponseImpl.java
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/MultipartFormUpload.java
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/predicate/PredicateInterceptor.java
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/WebClientInternal.java
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* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/WebClientBase.java
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/HttpContext.java
* /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/WebClient.java
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- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/WebClientOptions.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/OAuth2WebClientOptions.java

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- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/CachedHttpResponse.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/CachingWebClient.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/UserAgent.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/CachingWebClientOptions.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/LocalCacheStore.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/NoOpCacheStore.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/CacheVariationsKey.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/spi/CacheStore.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/SharedDataCacheStore.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/CachingWebClientImpl.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/CacheControlDirective.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/Vary.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/CacheInterceptor.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/CacheKey.java
- * /vertx-web-client-4-3-4-sources-jar/io/vertx/ext/web/client/impl/cache/CacheControl.java

1.185 gson 2.10

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* /gson-2-10-sources-jar/com/google/gson/annotations/Since.java
* /gson-2-10-sources-jar/com/google/gson/FieldNamingPolicy.java
* /gson-2-10-sources-jar/com/google/gson/internal/Primitives.java
* /gson-2-10-sources-jar/com/google/gson/FieldNamingStrategy.java
* /gson-2-10-sources-jar/com/google/gson/annotations/Expose.java
*
* /gson-2-10-sources-jar/com/google/gson/internal/ObjectConstructor.java
* /gson-2-10-sources-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
* /gson-2-10-sources-jar/com/google/gson/annotations/Until.java
* /gson-2-10-sources-jar/com/google/gson/JsonSerializationContext.java
* /gson-2-10-sources-jar/com/google/gson/ExclusionStrategy.java
* /gson-2-10-sources-jar/com/google/gson/internal/$Gson$Preconditions.java
* /gson-2-10-sources-jar/com/google/gson/JsonElement.java

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* /gson-2-10-sources-jar/com/google/gson/JsonPrimitive.java
* /gson-2-10-sources-jar/com/google/gson/JsonSerializer.java
* /gson-2-10-sources-jar/com/google/gson/InstanceCreator.java
* /gson-2-10-sources-jar/com/google/gson/internal/Excluder.java
* /gson-2-10-sources-jar/com/google/gson/JsonDeserializationContext.java
* /gson-2-10-sources-jar/com/google/gson/JsonIOException.java
* /gson-2-10-sources-jar/com/google/gson/JsonArray.java
* /gson-2-10-sources-jar/com/google/gson/JsonObject.java
* /gson-2-10-sources-jar/com/google/gson/JsonDeserializer.java

*

/gson-2-10-sources-jar/com/google/gson/GsonBuilder.java
* /gson-2-10-sources-jar/com/google/gson/JsonParseException.java
* /gson-2-10-sources-jar/com/google/gson/annotations/SerializedName.java
* /gson-2-10-sources-jar/com/google/gson/Gson.java
* /gson-2-10-sources-jar/com/google/gson/reflect/TypeToken.java
* /gson-2-10-sources-jar/com/google/gson/JsonNull.java

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* /gson-2-10-sources-jar/com/google/gson/internal/JavaVersion.java

* /gson-2-10-sources-jar/com/google/gson/internal/PreJava9DateFormatProvider.java

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* /gson-2-10-sources-jar/com/google/gson/JsonStreamParser.java
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- * /gson-2-10-sources-jar/com/google/gson/stream/JsonScope.java
- * /gson-2-10-sources-jar/com/google/gson/stream/JsonToken.java
- * /gson-2-10-sources-jar/com/google/gson/stream/MalformedJsonException.java
- * /gson-2-10-sources-jar/com/google/gson/stream/JsonWriter.java

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- * /gson-2-10-sources-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java

```

* /gson-2-10-sources-jar/com/google/gson/TypeAdapterFactory.java
* /gson-2-10-sources-jar/com/google/gson/internal/JsonReaderInternalAccess.java
* /gson-2-10-sources-jar/com/google/gson/TypeAdapter.java
* /gson-2-10-sources-jar/com/google/gson/internal/bind/TypeAdapters.java
*
* /gson-2-10-sources-jar/com/google/gson/internal/bind/JsonTreeReader.java
* /gson-2-10-sources-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java
* /gson-2-10-sources-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
* /gson-2-10-sources-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java
* /gson-2-10-sources-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
* /gson-2-10-sources-jar/com/google/gson/internal/bind/JsonTreeWriter.java
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* /gson-2-10-sources-jar/com/google/gson/internal/LazilyParsedNumber.java

* /gson-2-10-sources-jar/com/google/gson/internal/bind/TreeTypeAdapter.java

* /gson-2-10-sources-jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java

* /gson-2-10-sources-jar/com/google/gson/internal/ConstructorConstructor.java

*

/gson-2-10-sources-jar/com/google/gson/internal/UnsafeAllocator.java

* /gson-2-10-sources-jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java

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* /gson-2-10-sources-jar/com/google/gson/annotations/JsonAdapter.java

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* /gson-2-10-sources-jar/com/google/gson/JsonSyntaxException.java

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1.187 vertx-dropwizard-metrics 4.3.4

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1.189 vertx-lang-kotlin-coroutines 4.3.4

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```

Found in path(s):

```
* /vertx-lang-kotlin-coroutines-4-3-4-sources-jar/io/vertx/kotlin/coroutines/VertxCoroutine.kt
* /vertx-lang-kotlin-coroutines-4-3-4-sources-jar/io/vertx/kotlin/coroutines/ReceiveChannelHandler.kt
* /vertx-lang-kotlin-coroutines-4-3-4-sources-jar/io/vertx/kotlin/coroutines/CoroutineVerticle.kt
```

1.190 netty-resolver-dns-native-macos

4.1.84.Final

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* /netty-resolver-dns-native-macos-4-1-84-final-test-sources-jar/META-INF/maven/io.netty/netty-resolver-dns-native-macos/pom.xml

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Found in path(s):

* /netty-resolver-dns-native-macos-4-1-84-final-test-sources-jar/io.netty/resolver/dns/macos/MacOSDnsServerAddressStreamProviderTest.java

1.191 vertx-lang-kotlin 4.3.4

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```
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/Schema.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/TextFormatParseLocation.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/NewInstanceSchema.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/ListFieldSchema.java
*
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/ExtensionRegistryLite.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/ArrayDecoders.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/CodedInputStream.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/ManifestSchemaFactory.java
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* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/TextFormatParseInfoTree.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/FieldType.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/NewInstanceSchemaLite.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/ExtensionSchemaFull.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/MapFieldSchema.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/AbstractMessage.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/UnknownFieldSetSchema.java
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* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/CanIgnoreReturnValue.java
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* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/InlineMe.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/AbstractMessageLite.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/CompileTimeConstant.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/BooleanArrayList.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/MapFieldLite.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/RopeByteString.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/FieldSet.java
* /protobuf-java-3-21-8-sources-jar/google/protobuf/wrappers.proto
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/AllocatedBuffer.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/IterableByteBufferInputStream.java
*
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/LazyStringList.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/MessageInfoFactory.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/RawMessageInfo.java
* /protobuf-java-3-21-8-sources-jar/com/google/protobuf/LazyFieldLite.java
```


- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/UnknownFieldSetLite.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/MutabilityOracle.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/RpcUtil.java
- * /protobuf-java-3-21-8-sources-jar/google/protobuf/empty.proto
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/DoubleArrayList.java
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- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/DynamicMessage.java
- *
- /protobuf-java-3-21-8-sources-jar/com/google/protobuf/TextFormat.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/MapFieldSchemaLite.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/NewInstanceSchemaFull.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/NewInstanceSchemas.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/UnknownFieldSet.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/IntArrayList.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/RepeatedFieldBuilder.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/ByteBufferWriter.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/ProtocolMessageEnum.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/SingleFieldBuilderV3.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/BinaryReader.java
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- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/JavaType.java
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- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/Extension.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/SchemaUtil.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/UninitializedMessageException.java
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- * /protobuf-java-3-21-8-sources-jar/google/protobuf/timestamp.proto
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/LazyStringArrayList.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/RpcController.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/SchemaFactory.java
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- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/UnsafeByteOperations.java
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- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/LongArrayList.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/Message.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/RpcChannel.java
- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/TypeRegistry.java
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- * /protobuf-java-3-21-8-sources-jar/com/google/protobuf/MessageInfo.java
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1.193 netty-tcnative 2.0.54.Final

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1.194 byte-buddy-agent 1.12.6

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2.0.54.Final

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1.197 rpm 4.14.3-24.el8_7

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1.198 polycoreutils 2.9-20.el8

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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.

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

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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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(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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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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1.205 glibc 2.28-211.el8

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1.208 shadow-utils 4.6-17.el8

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1.214 lvm2 1.02.181-6.el8

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lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c

lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
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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

and the initial implementation of incremental propagation,
including
the following new or changed files:

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.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
kprop/kproplog.c

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1.221 util-linux 2.32.1-39.el8_7

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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

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

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

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

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

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

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gfdl(7), fsf-funding(7).

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

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@enumerate 0

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@enumerate a

@item

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

@item

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@enumerate

a

@item

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@item

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@item

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6b.

@item

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@item

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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A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

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- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- d) Do one of the following:

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

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

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

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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 that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

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- b) Give prominent notice with the combined library 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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=====

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Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

@end display

@appendixsubsec Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software---to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software---typically libraries---of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this

license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

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

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For example, if you distribute copies of the library, whether gratis 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.

@iftex

@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
@end iftex
@ifinfo
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@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
@end ifinfo

@enumerate 0

@item

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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.

@item

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all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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

@item

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:

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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, and can be reasonably considered independent and separate works in

themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

@item

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

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

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

@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:

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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.

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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:

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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

@iftex

@heading END OF TERMS AND CONDITIONS

@end iftex

@ifinfo

@center END OF TERMS AND CONDITIONS

@end ifinfo

@page

@appendixsubsec How to Apply These Terms to Your New Libraries

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

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

@smallexample

@var{one line to give the library's name and an idea of what it does.}

Copyright (C) @var{year} @var{name of author}

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have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301,
USA.
@end smallexample

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

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

@smallexample
Yoyodyne, Inc., hereby disclaims all copyright interest in the library
`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!

1.227 libtasn 4.13-4.el8_7

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1.228 gtk 3.22.30-11.el8

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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

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

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```

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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/TooLongHttpHeaderException.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/TooLongHttpLineException.java
*
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMixedHttpData.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValidationUtil.java
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```

* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/FileUploadUtil.java
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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpServerUpgradeHandler.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpClientUpgradeHandler.java
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* /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakerFactory.java
 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilter.java
 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandler.java
 *
 /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketCloseStatus.java
 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketDecoderConfig.java
 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandshakeHandler.java

```

* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/CorruptedWebSocketFrameException.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolConfig.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilterProvider.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java
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jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameEncoder.java
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```

* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpObjectDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpContent.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HTTPHeaderDateFormat.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultHttpResponse.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpResponseEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/CookieDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpServerCodec.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpConstants.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpResponse.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpMessage.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpMethod.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryAttribute.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpObjectAggregator.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/package-info.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspMethods.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/HttpData.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/Cookie.java

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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpRequestEncoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultHttpHeaders.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpHeaders.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaders.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpContentEncoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpEncoder.java
 *
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 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultHttpRequest.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultCookie.java
 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/DiskAttribute.java
 *
 /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdySession.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpObjectEncoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/QueryStringEncoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspVersions.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/Attribute.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/QueryStringDecoder.java
 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/WebSocketHandshakeException.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/FileUpload.java
 *
 /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/package-info.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseEncoder.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpObject.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpResponseDecoder.java
 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/LastHttpContent.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpContentCompressor.java
 * /netty-codec-http-4-1-87-final-sources-
 jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker07.java
 *

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/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/ContinuationWebSocketFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractDiskHttpData.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostBodyUtil.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/MixedAttribute.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/InternalAttribute.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpContentDecompressor.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseStatuses.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultHttpObject.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpResponseStatus.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakerFactory.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/package-info.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpVersion.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker08.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/package-info.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpClientCodec.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultHttpContent.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultHttpMessage.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java
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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java
*
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/ClientCookieEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpStatusClass.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java

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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtp/RtpHeaderValues.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpHeaderNames.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpMessageUtil.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValues.java
*
/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateDecoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandshaker.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.j
ava
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpHeadersEncoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtp/RtpHeaderNames.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/ServerCookieEncoder.java
*
/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionDecoder.java
* /netty-codec-http-4-1-87-final-sources-

```

jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketClientCompressionHandler.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtension.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java
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jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameDecoder.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java
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* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakeException.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/multipart/DeleteFileOnExitHook.java
* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakeException.java
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 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpServerExpectContinueHandler.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketScheme.java

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 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpScheme.java
 * /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/CookieUtil.java


```

*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/EmptyHttpHeaders.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpUtil.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/Cookie.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/package-info.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspEncoder.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/CombinedHttpHeaders.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/rtsp/RtspDecoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/CookieUtil.java
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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeadersFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/cors/package-info.java
*
/netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyGoAwayFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionStatus.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java

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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaders.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyRstStreamFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java
*
/netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyStreamFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/http/FullHttpResponse.java
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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrame.java
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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
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* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java
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* /netty-codec-http-4-1-87-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java
* /netty-codec-http-4-1-87-final-sources-jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java

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1.230 netty 4.1.87.Final

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* <https://github.com/ning/compress>

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- * <https://github.com/luben/zstd-jni>

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* <https://github.com/hyperxpro/Brotli4j>

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1.235 netty-codec-dns 4.1.87.Final

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Manifest-Version: 1.0

Implementation-Title: Netty/Codec/DNS

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.codec.dns

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

Bundle-SymbolicName: io.netty.codec-dns

Implementation-Version: 4.1.87.Final

Built-By: norman

Bnd-LastModified: 1673539367177

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.channel.socket;version="[4.1,5)",io.netty.handler.codec;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.collection;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-6.3.1.202206071316

Implementation-Vendor: The Netty Project

Export-Package: io.netty.handler.codec.dns;uses:="io.netty.buffer,io.netty.channel,io.netty.channel.socket,io.netty.handler.codec,io.netty.util";version="4.1.87"

Bundle-Name: Netty/Codec/DNS

Bundle-Version: 4.1.87.Final

Build-Jdk-Spec: 1.8

Created-By: Apache Maven Bundle Plugin 5.1.8

Build-Jdk: 1.8.0_252

Implementation-URL: <https://netty.io/netty-codec-dns/>

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* /netty-codec-dns-4-1-87-final-jar/META-INF/maven/io.netty/netty-codec-dns/pom.xml

1.236 netty-codec 4.1.87.Final

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```
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* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksMessageType.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
*
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandStatus.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksRequestType.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/SocksVersion.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksAddressType.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksResponseType.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
*
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
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jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressDecoder.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressEncoder.java
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- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksRequest.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequest.java
- *
- /netty-codec-socks-4-1-87-final-sources-
- jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandResponse.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksRequest.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksResponse.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandType.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientDecoder.java
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- * /netty-codec-socks-4-1-87-final-sources-
- jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java
- *
- /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/package-info.java
- * /netty-codec-socks-4-1-87-final-sources-
- jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/SocksMessage.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequest.java
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- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponse.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequest.java
- *
- /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java
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- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerDecoder.java
- * /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequest.java
- * /netty-codec-socks-4-1-87-final-sources-
- jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java

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* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponse.java
*
/netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandStatus.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/package-info.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java
* /netty-codec-socks-4-1-87-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequest.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
* /netty-codec-socks-4-1-87-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandRequest.java
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* /netty-codec-socks-4-1-87-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponseDecoder.java
*
/netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponseDecoder.java
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* /netty-codec-socks-4-1-87-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientEncoder.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4Message.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ServerEncoder.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequestDecoder.java

```

```
* /netty-codec-socks-4-1-87-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequestDecoder.java
*
/netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerEncoder.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/AbstractSocks5Message.java
* /netty-codec-socks-4-1-87-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5Message.java
* /netty-codec-socks-4-1-87-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java
```

1.238 netty-resolver-dns-classes-macos

4.1.87.Final

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Found in path(s):

```
* /netty-resolver-dns-classes-macos-4-1-87-final-sources-jar/io/netty/resolver/dns/macos/package-info.java
* /netty-resolver-dns-classes-macos-4-1-87-final-sources-jar/io/netty/resolver/dns/macos/DnsResolver.java
* /netty-resolver-dns-classes-macos-4-1-87-final-sources-
jar/io/netty/resolver/dns/macos/MacOSDnsServerAddressStreamProvider.java
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Found in path(s):

* /netty-resolver-dns-classes-macos-4-1-87-final-sources-jar/META-INF/maven/io.netty/netty-resolver-dns-classes-macos/pom.xml

1.239 netty-handler 4.1.87.Final

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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java

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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
*
/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java
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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
*
/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/pcap/PcapWriteHandler.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/pcap/package-info.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/pcap/TCPpacket.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/pcap/EthernetPacket.java
 *
 /netty-handler-4-1-87-final-sources-jar/io/netty/handler/pcap/PcapWriter.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/pcap/UDPPacket.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/pcap/PcapHeaders.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/pcap/IPPacket.java

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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/traffic/package-info.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java

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- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/package-info.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
- *
- /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/PemReader.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
- *
- /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslUtils.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
- *
- /netty-handler-4-1-87-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
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- /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslContext.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
- * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java

```
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SniHandler.java
*
/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java
*
/netty-handler-4-1-87-final-sources-jar/io/netty/handler/flow/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/flush/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/PemValue.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java
*
/netty-handler-4-1-87-final-sources-jar/io/netty/handler/address/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java

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 */
```

Found in path(s):

```
/*
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslProtocols.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/GroupsConverter.java
 *
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslContextOption.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslSessionId.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/BouncyCastle.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslContextOption.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/Ciphers.java
 * /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/AsyncRunnable.java
 */
```

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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
*
/netty-handler-4-1-87-final-sources-jar/io/netty/handler/logging/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
*
/netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/timeout/package-info.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/stream/ChunkedInput.java

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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/BouncyCastlePemReader.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java
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```

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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/flow/FlowControlHandler.java
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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
*
/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java

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* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/logging/ByteBufFormat.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java

*

/netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslClosedEngineException.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilter.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java

* /netty-handler-4-1-87-final-sources-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java

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* /netty-handler-4-1-87-final-sources-jar/META-INF/maven/io.netty/netty-handler/pom.xml

1.240 netty-resolver-dns 4.1.87.Final

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```
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DefaultDnsCache.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/NoopDnsCache.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsCache.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/InflightNameResolver.java
*
/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/RoundRobinDnsAddressResolverGroup.java
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```
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/SingletonDnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DefaultDnsServerAddressStreamProvider.java
*
/netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/UniSequentialDnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/SequentialDnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserver.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserver.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsCacheEntry.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsQueryLifecycleObserver.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/LoggingDnsQueryLifecycleObserver.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/MultiDnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/UnixResolverDnsServerAddressStreamProvider.java
*
/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsNameResolverTimeoutException.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserverFactory.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserverFactory.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStreamProviders.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsQueryLifecycleObserverFactory.java
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```
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsNameResolverBuilder.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/ShuffledDnsServerAddressStream.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStream.java
*
/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsNameResolverException.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/RotationalDnsServerAddresses.java
```

* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DefaultDnsServerAddresses.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/SingletonDnsServerAddresses.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/SequentialDnsServerAddressStream.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsQueryContextManager.java
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* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsQueryContext.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsNameResolver.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsAddressResolverGroup.java
*
/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsServerAddresses.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/package-info.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsResolveContext.java
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* /netty-resolver-dns-4-1-87-final-sources-
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* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DatagramDnsQueryContext.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/PreferredAddressTypeComparator.java
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* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsAddressResolveContext.java
*
/netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/NameServerComparator.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/NoopAuthoritativeDnsServerCache.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DirContextUtils.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/AuthoritativeDnsServerCache.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsCnameCache.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsAddressDecoder.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DnsRecordResolveContext.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/Cache.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/AuthoritativeDnsServerCacheAdapter.java
* /netty-resolver-dns-4-1-87-final-sources-jar/io/netty/resolver/dns/DefaultDnsCnameCache.java

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* /netty-resolver-dns-4-1-87-final-sources-
jar/io/netty/resolver/dns/LoggingDnsQueryLifecycleObserverFactory.java

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1.241 netty-handler-proxy 4.1.87.Final

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* /netty-handler-proxy-4-1-87-final-sources-jar/META-INF/maven/io.netty/netty-handler-proxy/pom.xml

```

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```

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- * /netty-handler-proxy-4-1-87-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java
- * /netty-handler-proxy-4-1-87-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java
- * /netty-handler-proxy-4-1-87-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
- *
- /netty-handler-proxy-4-1-87-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
- * /netty-handler-proxy-4-1-87-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
- * /netty-handler-proxy-4-1-87-final-sources-jar/io/netty/handler/proxy/package-info.java
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1.242 almalinux-release 8.7-3.el8

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* /libtiff-imports-r8-libtiff-4-0-9-26-el8-7-tar-gz/libtiff-imports-r8-libtiff-4.0.9-26.el8_7/SPECS/libtiff.spec

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```
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```

```
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1.245 libdnf 0.63.0-11.1.el8.alma

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1.246 libksba 1.3.5-9.el8_7

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

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

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

```
<program> Copyright (C) <year> <name of author>  
This program 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
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The precise terms and conditions for copying, distribution and modification follow.

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

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

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

@item

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

to copy the Corresponding Source from a network server at no charge.

@item

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

@item

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@var{one line to give the program's name and a brief idea of what it does.}

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This is free software, and you are welcome to redistribute it
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Version 3, 29 June 2007

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1.253 libassuan 2.5.1-3.el8

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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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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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Version 3, 29 June 2007

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1. Source Code.

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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,
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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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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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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.

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threshold for this to be true is not precisely defined by law.

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

Otherwise,
if the work is a derivative of the Library, you may distribute the 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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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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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.)

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@subheading END OF TERMS AND CONDITIONS

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@subheading How to Apply These Terms to Your New Libraries

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```
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@var{one line to give the library's name and an idea of what it does.}
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```

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```
@end
smallexample
```

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```
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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!

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

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@smallexample

@var{one line to give the program's name
and a brief idea of what it does.}

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@end smallexample

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@smallexample

Gnomovision version

69, Copyright (C) @var{year} @var{name of author}

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

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@end smallexample

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@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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```
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```

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```
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```


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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.

^L

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined

with any other library

facilities. This must be distributed under the terms of the Sections above.

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

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^L

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END OF TERMS AND CONDITIONS

^L

How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library.

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

<one line to give the library's name and a brief idea of what it does.>

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

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

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

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

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

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

This package was debianized by Jean Pierre LeJacq
<jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt
<martin@piware.de> was the package's maintainer up to version
2.7.19-1. The current maintainer is Jan Dittberner
<jandd@debian.org>.

It was downloaded from <http://sourceforge.net/projects/cracklib>

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

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it under the terms of the GNU Lesser General Public License as
published by the Free Software Foundation; either version 2.1 of the
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This library is distributed in the hope that it will be useful, but
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/usr/share/common-licenses/LGPL-2.1 in the Debian GNU/Linux
distribution or on the World Wide Web at
<http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html>. You can also
obtain it by writing to the Free Software Foundation, Inc., 51
Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

Copyright information:

CrackLib was originally licensed with a variant of the Artistic
license. In the interests of wider acceptance and more modern
licensing, it was switched with the original author's blessing to GPL
v2.

This approval was carried out in email discussions in 2005, and has
been reconfirmed as of 2007-10-01 with the following email from Alec
Muffett. Cracklib's license was changed from the GPL to the LGPL after
consensus of all previous developers in October 2008, effective with
release 2.8.15 released on 2009-11-19. See the email discussion below
for both license changes.

EFFECTIVE

OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
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GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

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-- Nathan
=20

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license

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Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

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unlike the old license, GPL-2 prevents people from using cracklib unless th=
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library to dictact to application writes what license they should be using.=
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thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

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Nathan Neulinger EMail: nneul@um...
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> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
>
Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
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> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

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> decision as to what licensing scheme y'all want. I haven't really done
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> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would

like to see it under LGPL as well. I think it is in everyone's best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches

and a small

> > bit of
> > additional code, so whatever licensing y'all come up with is fine
> > by me.

>

> I am sympathetic. Guys, what do you reckon?

>

> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the

GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

> > > Seems like the ideal thing here would be for you and the other distro
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> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message
as HTML

On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now ?
>
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...
-mike

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use
nneul@neulinger.org.

From alecm@crypticide.com Mon Oct 1 12:26:03 2007

Received: from umr-exproto2.cc.umn.edu ([131.151.0.192]) by UMR-CMAIL1.umn.edu with Microsoft SMTPSVC(6.0.3790.3959);

Mon, 1 Oct 2007 12:26:03 -0500

Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umn.edu with Microsoft SMTPSVC(6.0.3790.3959);

Mon, 1 Oct 2007 12:26:02 -0500

Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000

Received: from smtp1.srv.mst.edu (131.151.1.43)

by scanin-ipvs.cc.umn.edu with SMTP; 1 Oct 2007 16:59:55 -0000

Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])

by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id I91GxtpR020623

for <nneul@umn.edu>; Mon, 1 Oct 2007 11:59:55 -0500

Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])

by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311

for <nneul@neulinger.org>; Mon, 1 Oct

2007 09:59:50 -0700 (PDT)

Received: from [82.68.43.14] (helo=[192.168.1.3])

by rutherford.zen.co.uk with esmtp (Exim 4.50)

id 1IcOcX-0004Qt-6L

for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000

Mime-Version: 1.0 (Apple Message framework v752.2)

In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>

References: <1190922867.3457.147.camel@localhost.localdomain>

<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umn.edu>

<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>

Content-Type: text/plain; charset=US-ASCII; delp=yes; format=flowed

Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>

Content-Transfer-Encoding: 7bit

From: Alec Muffett <alecm@crypticide.com>

Subject: Re: cracklib license

Date: Mon, 1 Oct 2007 17:59:46 +0100

To: Nathan Neulinger <nneul@neulinger.org>

X-Mailer: Apple Mail (2.752.2)

X-Originating-Rutherford-IP: [82.68.43.14]

Return-Path: alecm@crypticide.com

X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]

Status:

RO

Content-Length: 585

Lines: 21

>

> ----- Forwarded message -----

> From: Neulinger, Nathan <nneul@umn.edu>

> Date: Sep 27, 2007 2:58 PM

> Subject: RE: cracklib license

> To: alecm@crypto.dircon.co.uk

>

> Any chance you could write me a self-contained email stating clearly
> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
in released code until Nov 2009 - slow release cycle...)

Discussion thread from mailing list archive, with approval from everyone actively
involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

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GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
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> Sent: Monday, October 01, 2007 8:15 PM

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> Sent: Monday, October 01, 2007 8:33 PM

> To: Neulinger, Nathan

> Cc: cracklib-devel@li...; Alec Muffett

> Subject: Re: [Cracklib-devel] cracklib license

>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:

> > I understand that, and you're welcome to bring it up with Alec

> directly

> > and see if he wants to relicense his code as LGPL... but at this

> point,

> > it was enough to just get it consistent and documented as to what

> it was

> > released under. This wasn't actually a license change, just a

> > clarification of the licensing that was already in place.

>=20

> the original license (before moving to sourceforge -- aka, 2.7) was

> not

> GPL-2 ... it was a modified artistic license ... i didnt notice the

> license

> change until it was mentioned in the latest notes.

>=20

> unlike the old license, GPL-2 prevents people from using cracklib

> unless their

> applications are also GPL-2 which imo is just wrong. it isnt the

> place of a

> library

to dictact to application writes what license they should

> be using.

> thus LGPL-2.1 enters to fill this void.

> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro

> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I

think it is in everyone's

best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches and a small
> > bit of
> > additional

code, so whatever licensing y'all come up with is fine

> > by me.

>

> I am sympathetic. Guys, what do you reckon?

>

> What I am hearing so far is that LGPL makes sense, since it can be

> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

> > > Seems like the ideal thing here would be for you and the other distro

> > > maintainers to get together with Alec in a conversation and come to a

> > > decision as to what licensing scheme y'all want. I haven't really done

> > > much other than cleaning up the packaging and patches and a small

> > > bit of

> > > additional code, so whatever licensing y'all come up with is fine

> > > by me.

> >

> > I am sympathetic. Guys, what do you reckon?

> >

> > What I am hearing so far is that LGPL makes sense, since it can be

> > linked with any code, not just GPL...

>

> My apologies for not chiming in in anything resembling a reasonable

> timeframe.

>

> I'd also suggest the LGPL, for the reason you noted above. Alternately,

> GPLv2 with the option of using

the library under a later version of the

> GPL would permit applications which were released under version 3 of the

> GPL to use the library, too, which would be sufficient for the packages

> which are included in Fedora. FWIW, I'd personally lean toward LGPL.

>

> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now ?
-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October

2008, Alec Muffett wrote:

> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now ?
>
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...
-mike

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address

that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

From
alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id I91Gxtpr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from
[82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length:

585

Lines: 21

>
> ----- Forwarded message -----
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
>
> Any chance you could write me a self-contained email stating clearly
> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.260 findutils 4.6.0-20.el8

1.260.1 Available under license :

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Version 3, 29 June 2007

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

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```
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```

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1.263 libyaml 0.1.7-5.el8

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1.264 less 530-1.e18

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Version 3, 29 June 2007

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1.265 lksctp-tools 1.0.18-3.el8

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1.266 libxcursor 1.1.15-3.el8

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1.267 libxi 1.1.4-1.el8

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1.268 libfontenc 1.1.3-8.el8

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1.269 libgpg-error 1.31-1.el8

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1.273 gir1.2-gdkpixbuf-2.0 2.36.12-5.el8

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

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while

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

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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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In

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1.274 pigz 2.4-4.el8

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1.275 diffutils 3.6-6.el8

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

1.276 nghttp2 1.33.0-3.el8_2.1

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

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1.277 pkgconf 1.4.2-1.el8

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

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

That's all there is to it!

1.279 json-java 20230227

1.279.1 Available under license :

Public Domain.

1.280 curl 7.61.1-25.el8_7.3

1.280.1 Available under license :

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License Mixing
=====

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

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##

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libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

1.281 python-setuptools 39.2.0-6.el8_7.1

1.281.1 Available under license :

MIT

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1.282 nss 3.79.0-11.el8_7

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The

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```
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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.
```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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The End

1.284 grub2 2.02-142.el8_7.3.alma

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The

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A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's

principal author, although it includes many contributions from others.

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

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

All

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

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

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1.287 boringssl 2.0.56.Final

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Found in path(s):

* /netty-tcnative-boringssl-static-2-0-56-final-jar/META-INF/maven/io.netty/netty-tcnative-boringssl-static/pom.xml

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Manifest-Version: 1.0

Implementation-Title: Netty/TomcatNative [BoringSSL - Static]

Bundle-Description: A Mavenized fork of Tomcat Native which incorporates various patches. This artifact is statically linked to BoringSSL and Apache APR.

Automatic-Module-Name: io.netty.internal.tcnative.openssl.osx.x86_64

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

Bundle-SymbolicName: io.netty.tcnative-boringssl-static

Implementation-Version: 2.0.56.Final

Built-By: norman

Bnd-LastModified: 1673339756398

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Fragment-Host: io.netty.tcnative-classes

Tool: Bnd-5.1.1.202006162103

Implementation-Vendor: The Netty Project

Bundle-Name: Netty/TomcatNative [BoringSSL - Static]

Bundle-Version: 2.0.56.Final

Build-Jdk-Spec: 1.8

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0_252

Implementation-URL:

<https://github.com/netty/netty-tcnative/netty-tcnative-boringssl-static/>

Found in path(s):

* /netty-tcnative-boringssl-static-2-0-56-final-jar/META-INF/MANIFEST.MF

1.288 gnutls 3.6.16-6.el8_7

1.288.1 Available under license :

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Version 3, 29 June 2007

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Constant-time SSSE3 AES core implementation.

version 0.1

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By Mike Hamburg (Stanford University), 2009

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1.293 libpkit 0.23.22-1.el8

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

1.295 fdisk 2.32.1

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LFIU<>Q&}7!C}e6]]e`M,J}.dE,4hVmp
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