



Open Source Used In Cloud Native 5G Mobile - BNG cnBNG 2022.01

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1.306 cyrus-sasl 2.1.26.dfsg1-14ubuntu0.2

1.306.1 Available under license

1.307 kerberos 1.13.2+dfsg-5ubuntu2.2

1.307.1 Available under license

1.308 istack-commons 2.21

1.308.1 Available under license

1.309 gnupg 2.2.4-1ubuntu1.4

1.309.1 Available under license

1.310 ubuntu-keyring 2018.09.18.1~18.04.2

1.310.1 Available under license

1.311 systemd 229-4ubuntu21.31

1.311.1 Available under license

1.312 nettle 3.2-1ubuntu0.16.04.2

1.312.1 Available under license

1.313 dpkg 1.18.4ubuntu1.7

1.313.1 Available under license

1.314 lz4 0.0~r131-2ubuntu3.1

1.314.1 Available under license

1.315 glibc 2.23-0ubuntu11.3

1.315.1 Available under license

1.316 pam 1.1.8-3.6ubuntu2.18.04.3

1.316.1 Available under license

1.317 apt 1.2.35

1.317.1 Available under license

1.318 nettle 3.4.1-0ubuntu0.18.04.1

1.318.1 Available under license

1.319 libalgorithm-merge-perl 0.08-3

1.319.1 Available under license

1.320 curl 7.47.0-1ubuntu2.19

1.320.1 Available under license

1.321 gzip 1.6-5ubuntu1.1

1.321.1 Available under license

1.322 openssl 1.0.2g-1ubuntu4.20

1.322.1 Available under license

1.323 openssl 1.1.1-1ubuntu2.1~18.04.13

1.323.1 Available under license

1.324 openjdk-jre 1.8.0u192

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1.325 apt 1.6.14

1.325.1 Available under license

1.326 base-files 10.1ubuntu2.11

1.326.1 Available under license

1.327 gnutls 3.5.18-1ubuntu1.5

1.327.1 Available under license

1.328 libgcrypt 1.8.1-4ubuntu1.3

- 1.328.1 Available under license
- 1.329 curl 7.58.0-2ubuntu3.16**
 - 1.329.1 Available under license
- 1.330 gnutls 3.4.10-4ubuntu1.9**
 - 1.330.1 Available under license
- 1.331 ca-certificates 20210119~18.04.2**
 - 1.331.1 Available under license
- 1.332 perks 1.0.1**
 - 1.332.1 Available under license
- 1.333 gogoprotobuf 1.3.1**
 - 1.333.1 Available under license
- 1.334 x-text 0.3.3**
 - 1.334.1 Available under license
- 1.335 x-crypto 0.0.0-20200622213623-75b288015ac9**
 - 1.335.1 Available under license
- 1.336 queue 1.1.0**
 - 1.336.1 Available under license
- 1.337 opentracing-contrib-go-observer 0.0.0-20170622124052-a52f23424492**
 - 1.337.1 Available under license
- 1.338 golang-protobuf-extensions 1.0.1**
 - 1.338.1 Available under license
- 1.339 golang-genproto 0.0.0-20200526211855-cb27e3aa2013**
 - 1.339.1 Available under license
- 1.340 protobuf 1.25.0**
 - 1.340.1 Available under license
- 1.341 fwd 1.1.1**
 - 1.341.1 Available under license
- 1.342 go-systemd 0.0.0-20190321100706-95778dfbb74e**
 - 1.342.1 Available under license
- 1.343 gogoprotobuf 1.3.2**
 - 1.343.1 Available under license
- 1.344 openzipkin-zipkin-go 0.2.5**
 - 1.344.1 Available under license
- 1.345 spf13-pflag 1.0.5**
 - 1.345.1 Available under license
- 1.346 golang-glog 0.0.0-20160126235308-23def4e6c14b**
 - 1.346.1 Available under license
- 1.347 prometheus-common 0.15.0**
 - 1.347.1 Available under license

1.348 xxhash 2.1.1

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1.349 cidranger 1.0.2

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1.350 golang-genproto 0.0.0-20190819201941-24fa4b261c55

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1.351 jaeger-client-go 2.22.1+incompatible

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1.352 gopkg-in/ldap 2.5.1

1.352.1 Available under license

1.353 kr-fs 0.1.0

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1.354 gopkg.in-asn1-ber 1.0.0-20181015200546-f715ec2f112d

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1.355 go-errors-errors 1.0.2

1.355.1 Available under license

1.356 go-asn1-ber-asn1-ber 1.5.3

1.356.1 Available under license

1.357 go-farm 0.0.0-20200201041132-a6ae2369ad13

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1.358 fiorix-go-diameter 3.0.2+incompatible

1.358.1 Available under license

1.359 grpc-ecosystem-go-grpc-middleware 1.0.1-0.20190118093823-f849b5445de4

1.359.1 Available under license

1.360 openzipkin-contrib-zipkin-go-opentracing 0.4.5

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1.361 x-net 0.0.0-20210119194325-5f4716e94777

1.361.1 Available under license

1.362 trylock 0.0.0-20191027065348-ff7e133a5c54

1.362.1 Available under license

1.363 eapache-channels 1.1.0

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1.364 x-time-rate 0.0.0-20191024005414-555d28b269f0

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1.365 x-sys 0.0.0-20201119102817-f84b799fce68

1.365.1 Available under license

1.366 x-text 0.3.5

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1.367 jwalterweatherman 1.1.0

1.367.1 Available under license
1.368 jaeger-lib 2.4.0+incompatible
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1.369 tdb 1.42.13
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1.370 golang 1.13.7
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1.371 roaring 0.5.5
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1.372 ishidawataru-sctp 0.0.0-20210204083202-2bdd86bb9a4d
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1.373 go-unsnap-stream 0.0.0-20210130063903-47dfef350d96
1.373.1 Available under license
1.374 go-bgp 2.19.0+incompatible
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1.375 k-sone-critbitgo 1.4.0
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1.376 netns 0.0.0-20210104183010-2eb08e3e575f
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1.377 msgp 1.1.5
1.377.1 Available under license
1.378 openssl 1.1.1-1ubuntu2.1~18.04.14
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1.379 x-sys 0.0.0-20210124154548-22da62e12c0c
1.379.1 Available under license
1.380 systemd 237-3ubuntu10.53
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1.381 log4j-api 2.16.0
1.381.1 Available under license
1.382 libseccomp 2.5.1-1ubuntu1~18.04.2
1.382.1 Available under license
1.383 apache-log4j 2.16.0
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1.384 goprotobuf 1.4.2
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1.385 properties 1.8.4
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1.389 cast 1.3.1

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1.391 netlink 1.1.0

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1.392 fsnotify 1.4.9

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1.393 zlib 1.2.11

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1.394 json-java 20210307

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1.395 gotenv 1.2.0

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1.396 openssl 1.1.1l

1.396.1 Available under license

1.397 go-ntlmssp 0.0.0-20200615164410-66371956d46c

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1.398 prometheus-client 0.2.0

1.398.1 Available under license

1.399 mitchellh-mapstructure 1.4.1

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1.400 opentracing-go 1.1.0

1.400.1 Available under license

1.401 libxau 1.0.8-1

1.401.1 Available under license

1.402 keyutils 1.5.9-8ubuntu1

1.402.1 Available under license

1.403 grep 2.25-1~16.04.1

1.403.1 Available under license

1.404 libfile-fcntllock-perl 0.22-3

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1.405 mpfr 3.1.4-1

1.405.1 Available under license

1.406 lvm2 2.02.133-1ubuntu10

1.406.1 Available under license

1.407 libsepol 2.4-2

1.407.1 Available under license

1.408 libffi 3.2.1-4

1.408.1 Available under license

1.409 libksba 1.3.5-2

1.409.1 Available under license

1.410 coreutils 8.25-2ubuntu3~16.04

1.410.1 Available under license

1.411 rtmpdump 2.4+20151223.gitfa8646d.1-1

1.411.1 Available under license

1.412 libxcb 1.11.1-1ubuntu1

1.412.1 Available under license

1.413 isl 0.16.1-1

1.413.1 Available under license

1.414 readline 7.0-3

1.414.1 Available under license

1.415 expat 2.2.5-3

1.415.1 Available under license

1.416 libxcb 1.13-1

1.416.1 Available under license

1.417 zstd 1.3.1+dfsg-1~ubuntu0.16.04.1

1.417.1 Available under license

1.418 go-uber-org-multierr 1.6.0

1.418.1 Available under license

1.419 go.uber.org/atomic 1.7.0

1.419.1 Available under license

1.1 libjpeg 6b

1.1.1 Notifications :

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

1.1.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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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.
coderrules.doc	Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See

ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

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

OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

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

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

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

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

The emphasis in designing this software has been on achieving portability and

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

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

LEGAL ISSUES

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In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

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All Rights Reserved except as specified below.

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- (2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".
- (3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

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

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

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

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

REFERENCES

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We

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

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

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

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

The

JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212)

642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

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

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

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from [ftp.sgi.com](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. 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](ftp://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/](http://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/>. 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/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read.

(For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

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

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

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

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

TO DO

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The major thrust for v7 will probably be improvement of visual quality.

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

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

As always, speeding things up is of great interest.

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

1.2 guava 25.0-jre

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*

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

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1.6 base-passwd 3.5.39

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Maintainer: Colin Watson <cjwatson@debian.org>

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1.7 cdebconf 0.198ubuntu1

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1.8 debianutils 4.7

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1.9 hostname 3.16ubuntu2

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1.10 lsb 9.20160110ubuntu0.2

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1.11 bcel 5.2

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1.14 ustr 1.0.4-5

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1.15 sysv-init 2.88dsf-59.3ubuntu2

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The of the start-stop-daemon

- * A rewrite of the original Debian's start-stop-daemon Perl script
- * in C (faster - it is executed many times during system startup).
- *
- * Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
- * public domain.

This package contains the mechanism for executing the right scripts in the right order at bootup/shutdown time, and when changing runlevels. It works through managing symlinks in `/etc/rc?.d`

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Init was written by Miquel van Smoorenburg <miquels@cistron.nl>.

This package was first put together by Bruce Perens <Bruce@Pixar.com> from pre-distribution sources. Ian Murdock <imurdock@debian.org> integrated it into the base system maintained it until the end of 1995. Miquel van Smoorenburg <miquels@cistron.nl> implemented Debian support. In version 2.85 the package was split into three (sysvinit, sysv-rc, and initscripts) in order to make room for alternative rc mechanisms.

The upstream source is available at:

Primary-Site: <ftp.cistron.nl/pub/people/miquels/software>
92K sysvinit-2.86.tar.gz
Alternate-Site: sunsite.unc.edu/pub/Linux/system/daemons/init
92K sysvinit-2.86.tar.gz

Send patches to sysvinit-devel@nongnu.org.

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- * A rewrite of the original Debian's start-stop-daemon Perl script
- * in C (faster - it is executed many times during system startup).
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1.16 sed 4.2.2-7

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Version 3, 29 June 2007

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rijndael-alg-fst.c

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

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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1.21 libsemanage 2.3-1build3

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Manoj Srivastava <srivasta@debian.org>
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1.22 net-tools 1.60-26ubuntu1

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1.24 libcap 2.24-12

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```
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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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<ftp.gnu.org/pub/gnu/readline/readline-4.3.tar.gz>.

Author: Per Bothner

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```
/* A front-end using readline to "cook" input lines for Kawa.
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* by the Free Software Foundation; either version 2, or (at your option)
```

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1.26 less 481-2.1ubuntu0.2

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The previous maintainers were Darren Stalder <torin@daft.com>, Erick Branderhorst <branderh@debian.org> and Bill Mitchell <mitchell@mdd.comm.mot.com>.

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```

```

.
/* Code from GLIB gutf8.c starts here. */
.
/* gutf8.c - Operations on UTF-8 strings.
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.
/* Code from GLIB gunidecomp.c starts here. */
.
/* decomp.c - Character decomposition.
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1.28 audit 2.4.5-1ubuntu2.1

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Wed, 21 Mar 2007 09:47:19 +0100.

It was downloaded from <http://people.redhat.com/sgrubb/audit/>

Upstream Author: Rik Faith
Steve Grubb <sgrubb@redhat.com>

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1.29 lz4 0.0~r131-2ubuntu2

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: lz4

Source: <https://github.com/Cyan4973/lz4>

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1.30 sensible-utils 0.0.9ubuntu0.16.04.1

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1.31 cryptsetup 1.6.6-5ubuntu2.1

1.31.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>
Upstream-Contact: Milan Broz <mbroz@redhat.com>
Source: <http://code.google.com/p/cryptsetup>

Files: *

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1.32 dhcp 4.3.3-5ubuntu12.10

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0>

Source: <http://www.isc.org/downloads/dhcp>

Files-Excluded:

aclocal.m4

bind

compile

config.*

configure

depcomp

install-sh

*/Makefile.in

missing

doc/References.txt

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1.33 cdebconf 0.213ubuntu1

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1.34 adduser 3.113+nmu3ubuntu4

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Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He rewrote most of it.

Since May 20 2000, it is maintained by Roland Bauerschmidt <rb@debian.org>.

Since March 24 2004, it is maintained by Roland Bauerschmidt <rb@debian.org>, and co-maintained by Marc Haber <mh+debian-packages@zugschlus.de>

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1.35 gccgo 6.0.1-0ubuntu1

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```

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```
package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

    private
    static final String NAME = "copyright";
    private static final String HEADER = "Copyright:";

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }

    public boolean inConstructor() {
        return true;
    }

    public boolean inMethod() {
        return true;
    }
}
```

```

    }

    public boolean inOverview() {
        return true;
    }

    public boolean inPackage() {
        return true;
    }

    public boolean inType() {
        return true;
    }

    public boolean isInlineTag() {
        return false;
    }

    public static void register(Map tagletMap) {
        CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
        tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
    }

    public String toString(Tag tag) {
        return toString(new Tag[] { tag });
    }

    public String toString(Tag[] tags) {
        if (tags.length == 0) {
            return null;
        }
        else {
            boolean haveValidTag = false;
            for (int i = 0; i
< tags.length && !haveValidTag; ++i) {
                if (tags[i].text().length() > 0) {
                    haveValidTag = true;
                }
            }

            if (haveValidTag) {
                StringBuffer result = new StringBuffer();
                result.append("<dl>");
                for (int i = 0; i < tags.length; i++) {
                    if (tags[i].text().length() > 0) {
                        result.append("<dt><i>Copyright &#169; " + tags[i].text() + "</i></dt>");
                    }
                }
            }
        }
    }

```

```

        result.append("</dl>");
        return result.toString();
    }
    else {
        return null;
    }
}
}
}
}
}

```

Jan 21, 2002

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```
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#define __java_security_Permission__
```

```
#pragma interface
```

```
#include <java/lang/Object.h>  
extern "Java"  
{  
    namespace java  
    {  
        namespace security  
        {  
            class Permission;  
            class PermissionCollection;  
        }  
    }  
}
```

```
class java::security::Permission : public ::java::lang::Object  
{
```

```

public:
    Permission(::java::lang::String *);
    virtual void checkGuard(::java::lang::Object *);
    virtual jboolean implies(::java::security::Permission *) = 0;
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual jint hashCode() = 0;
    virtual ::java::lang::String * getName();
    virtual ::java::lang::String * getActions() = 0;
    virtual ::java::security::PermissionCollection * newPermissionCollection();
    virtual ::java::lang::String * toString();
private:
    static const jlong serialVersionUID = -563657022231596674LL;
    ::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object))))
    name;
public:
    static ::java::lang::Class class$;
};

#endif // __java_security_Permission__

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@settitle GNU General Public License
@c man begin SEEALSO
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Appropriate

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@enumerate

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@item

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@item

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@item

Convey individual copies of the object code with a copy of the written offer

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@item

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

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.

@end enumerate

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@smallexample

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@c man end

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Version 2.1, February 1999

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Any

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

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.

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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<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

You

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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!

```
/* Permission.java -- The superclass for all permission objects
   Copyright (C) 1998, 2001, 2002, 2005 Free Software Foundation, Inc.
```

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executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version. */

```
package java.security;
```

```
import gnu.java.lang.CPStringBuilder;
```

```
import java.io.Serializable;
```

```
/**
```

```
* This class is the abstract superclass of all classes that implement  
* the concept of a permission. A permission  
* consists of a permission name  
* and optionally a list of actions that relate to the permission. The  
* actual meaning of the name of the permission is defined only in the  
* context of a subclass. It may name a resource to which access permissions  
* are granted (for example, the name of a file) or it might represent  
* something else entirely. Similarly, the action list only has meaning  
* within the context of a subclass. Some permission names may have no  
* actions associated with them. That is, you either have the permission  
* or you don't.
```

```
*
```

```
* <p>The most important method in this class is <code>implies</code>. This  
* checks whether if one has this permission, then the specified  
* permission is also implied. As a conceptual example, consider the  
* permissions "Read All Files" and "Read File foo". The permission  
* "Read All Files" implies that the caller has permission to read the  
* file foo.
```

```
*
```

```
* <p><code>Permission</code>'s must be immutable - do not change  
* their  
* state after creation.
```

```
*
```

```
* @author Aaron M. Renn (arenn@urbanophile.com)
```

```
* @see Permissions
```

```
* @see PermissionCollection
```

```
* @since 1.1
```

```
* @status updated to 1.4
```

```
*/
```

```
public abstract class Permission implements Guard, Serializable  
{
```

```

/**
 * Compatible with JDK 1.1+.
 */
private static final long serialVersionUID = -563657022231596674L;

/**
 * This is the name assigned to this permission object.
 *
 * @serial the name of the permission
 */
private String name;

/**
 * Create an instance with the specified name.
 *
 * @param name the permission name
 */
public Permission(String name)
{
    this.name = name;
}

/**
 * This method implements the Guard interface for this class.
 * It calls the checkPermission method in
 * SecurityManager with this Permission as its
 * argument. This method returns silently if the security check succeeds
 * or throws an exception if it fails.
 *
 * @param obj the Object being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 * @see GuardedObject
 * @see SecurityManager#checkPermission(Permission)
 */
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
 * This method tests whether this Permission implies that the
 * specified Permission is also granted.
 *
 * @param perm the Permission to test against
 * @return true if perm is implied by this
 */

```

```

public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use implies, rather
 * than equals, when making access control decisions.
 *
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this Permission.
 * It
 * must satisfy the contract of Object.hashCode: it must be
 * the same for all objects that equals considers to be the same.
 *
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this Permission.
 *
 * @return the name
 */
public final String getName()
{
    return name;
}

/**
 * This method returns the list of actions for this Permission
 * as a String. The string should be in canonical order, for
 * example, both new FilePermission(f, "write,read") and
 * new FilePermission(f, "read,write") have the action list
 * "read,write".
 *
 * @return the action list for this Permission
 */
public abstract String getActions();

/**
 * This method returns an empty PermissionCollection object
 * that can store permissions of this type, or null if no
 * such collection is defined.
 * Subclasses must override this to provide
 * an appropriate collection when one is needed to accurately calculate
 * implies.

```

```

*
* @return a new <code>PermissionCollection</code>
*/
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
 * This method returns a <code>String</code> representation of this
 * <code>Permission</code> object. This is in the format:
 * <code>'(' + getClass().getName() + ' ' + getName() + ' ' + getActions
 * + ')</code>.
 *
 * @return this object as a <code>String</code>
 */
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());

    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

    string = string.append(')');
    return
string.toString();
}
} // class Permission
<appendix xmlns="http://docbook.org/ns/docbook" version="5.0"
  xml:id="appendix.gpl-3.0"><info><title>
  <acronym>GNU</acronym> General Public License version 3
</title></info>
<?dbhtml filename="appendix_gpl.html"?>

<para>
  Version 3, 29 June 2007
</para>
<para>
  Copyright 2007 Free Software Foundation, Inc.
  <link xmlns:xlink="http://www.w3.org/1999/xlink" xlink:href="http://www.fsf.org">http://www.fsf.org</link>

```

</para>

<para>

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</para>

<bridgehead xml:id="gpl-3-preamble" renderas="sect1">

Preamble

</bridgehead>

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</para>

<para>

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</para>

<para>

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</para>

<para>

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.

</para>

<para>

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.

</para>

<para>

Developers that use the <acronym>GNU</acronym> <acronym>GPL</acronym> 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.

</para>

<para>

For the developers and authors protection, the

<acronym>GPL</acronym> clearly explains that there is no warranty for this free software. For both users and authors sake, the

<acronym>GPL</acronym> requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

</para>

<para>

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.

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<acronym>GPL</acronym> 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 <acronym>GPL</acronym>, as needed to protect the freedom of users.

</para>

<para>

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 <acronym>GPL</acronym> assures that patents cannot be used to render the program non-free.

</para>

<para>

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

</para>

<bridgehead>

TERMS AND CONDITIONS

</bridgehead>

<bridgehead xml:id="gpl-3-definitions" renderas="sect1">

0. Definitions.

</bridgehead>

<para>

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</para>

<para>

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</para>

<para>

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Licensees and recipients may be individuals or organizations.

</para>

<para>

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</para>

<para>

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

</para>

<para>

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</para>

<para>

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.

</para>

<para>

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.

</para>

<bridgehead xml:id="SourceCode" renderas="sect1">

1. Source Code.

</bridgehead>

<para>

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.

</para>

<para>

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.

</para>

<para>

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.

</para>

<para>

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 works
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.

</para>

<para>

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

</para>

<para>

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

</para>

<bridgehead xml:id="BasicPermissions" renderas="sect1">

2. Basic Permissions.

</bridgehead>

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<para>

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</para>

<para>

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</para>

<bridgehead xml:id="Protecting" renderas="sect1">

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

</bridgehead>

<para>

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</para>

<para>

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</para>

<bridgehead xml:id="ConveyingVerbatim" renderas="sect1">

4. Conveying Verbatim Copies.

</bridgehead>

<para>

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</para>

<para>

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</para>

<bridgehead xml:id="ConveyingModified" renderas="sect1">

5. Conveying Modified Source Versions.

</bridgehead>

<para>

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:

</para>

<orderedlist numeration="loweralpha" inheritnum="ignore" continuation="restarts">

<listitem>

<para>

The work must carry prominent notices stating that you modified it, and

giving a relevant date.

</para>

</listitem>

<listitem>

<para>

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.

</para>

</listitem>

<listitem>

<para>

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</para>
 </listitem>
 <listitem>
 <para>
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 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.
 </para>
 </listitem>
 </orderedlist>
 <para>
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 or legal rights of the compilations 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.
 </para>
 <bridgehead xml:id="ConveyingNonSource" renderas="sect1">
 6. Conveying Non-Source Forms.
 </bridgehead>
 <para>
 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:
 </para>
 <orderedlist numeration="loweralpha" inheritnum="ignore" continuation="restarts">
 <listitem>
 <para>
 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.
 </para>
 </listitem>
 <listitem>
 <para>
 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.

</para>

</listitem>

<listitem>

<para>

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.

</para>

</listitem>

<listitem>

<para>

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.

</para>

</listitem>

<listitem>

<para>

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.

</para>

</listitem>

</orderedlist>

<para>

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.

</para>

<para>

A User Product is either (1) a consumer product, which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, normally used refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

</para>

<para>

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

</para>

<para>

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized),

the Corresponding

Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in <acronym>ROM</acronym>).

</para>

<para>

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

</para>

<para>

Corresponding Source conveyed, and Installation Information provided, in accord with this section

must be in a format that is publicly documented
(and with an implementation available to the public in source code form),
and must require no special password or key for unpacking, reading or
copying.

</para>

<bridgehead xml:id="AdditionalTerms" renderas="sect1">

7. Additional Terms.

</bridgehead>

<para>

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Additional permissions that are applicable to the entire Program shall be
treated as though they were included in this License, to the extent that
they are valid under applicable law. If additional permissions apply only
to part of the Program, that part may be used separately under those
permissions, but the entire Program remains governed by this License
without regard to the additional permissions.

</para>

<para>

When you convey a copy of a covered work, you may at your option
remove any
additional permissions from that copy, or from any part of it. (Additional
permissions may be written to require their own removal in certain cases
when you modify the work.) You may place additional permissions on
material, added by you to a covered work, for which you have or can give
appropriate copyright permission.

</para>

<para>

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to a covered work, you may (if authorized by the copyright holders of that
material) supplement the terms of this License with terms:

</para>

<orderedlist numeration="loweralpha" inheritnum="ignore" continuation="restarts">

<listitem>

<para>

Disclaiming warranty or limiting liability differently from the terms
of sections 15 and 16 of this License; or

</para>

</listitem>

<listitem>

<para>

Requiring preservation of specified reasonable legal notices or
author

attributions in that material or in the Appropriate Legal Notices
displayed by works containing it; or

</para>

</listitem>

</listitem>


```

<para>
    Prohibiting misrepresentation of the origin of that material, or
    requiring that modified versions of such material be marked in
    reasonable ways as different from the original version; or
</para>
</listitem>
<listitem>
    <para>
        Limiting the use for publicity purposes of names of licensors or
        authors of the material; or
    </para>
</listitem>
<listitem>
    <para>
        Declining to grant rights under trademark law for use of some trade
        names, trademarks, or service marks; or
    </para>
</listitem>
<listitem>
    <para>
        Requiring indemnification of licensors and authors of that material by
        anyone who conveys the material (or modified versions of it) with
        contractual
assumptions of liability to the recipient, for any
        liability that these contractual assumptions directly impose on those
        licensors and authors.
    </para>
</listitem>
</orderedlist>
<para>
    All other non-permissive additional terms are considered further
    restrictions within the meaning of section 10. If the Program as
    you received it, or any part of it, contains a notice stating that it is
    governed by this License along with a term that is a further restriction,
    you may remove that term. If a license document contains a further
    restriction but permits relicensing or conveying under this License, you
    may add to a covered work material governed by the terms of that license
    document, provided that the further restriction does not survive such
    relicensing or conveying.
</para>
<para>
    If you add terms to a covered work in accord with this section, you must
    place, in the relevant source files,
a statement of the additional terms
    that apply to those files, or a notice indicating where to find the
    applicable terms.
</para>
<para>

```

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

</para>

<bridgehead xml:id="gpl-3-termination" renderas="sect1">

8. Termination.

</bridgehead>

<para>

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</para>

<para>

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</para>

<para>

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

</para>

<para>

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</para>

<bridgehead xml:id="AcceptanceNotRequired"

renderas="sect1">

9. Acceptance Not Required for Having Copies.

</bridgehead>

<para>

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your

acceptance of this License to do so.

</para>

<bridgehead xml:id="AutomaticDownstream" renderas="sect1">

10. Automatic Licensing of Downstream Recipients.

</bridgehead>

<para>

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that

work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

</para>

<para>

An entity transaction is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

</para>

<para>

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</para>

<bridgehead xml:id="Patents" renderas="sect1">

11. Patents.

</bridgehead>

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<para>

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<para>

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</para>

<para>

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</para>

<para>

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<para>

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<para>

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</para>

<bridgehead xml:id="NoSurrender" renderas="sect1">

12. No Surrender of Others Freedom.

</bridgehead>

<para>

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your obligations under this

License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

</para>

<bridgehead xml:id="UsedWithAGPL" renderas="sect1">

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</bridgehead>

<para>

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Affero General Public License,

section 13, concerning interaction through a network will apply to the combination as such.

</para>

<bridgehead xml:id="RevisedVersions" renderas="sect1">

14. Revised Versions of this License.

</bridgehead>

<para>

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</para>

<para>

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<para>

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</para>

<bridgehead xml:id="WarrantyDisclaimer" renderas="sect1">

15. Disclaimer of Warranty.

</bridgehead>

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</para>

<bridgehead xml:id="LiabilityLimitation" renderas="sect1">

16. Limitation of Liability.

</bridgehead>

<para>

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</para>

<bridgehead xml:id="InterpretationSecs1516" renderas="sect1">

17. Interpretation of Sections 15 and 16.

</bridgehead>

<para>

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</para>

<bridgehead>

END OF TERMS AND CONDITIONS

</bridgehead>

<bridgehead xml:id="HowToApply" renderas="sect1">

How to Apply These Terms to Your New Programs

</bridgehead>

<para>

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.

</para>

<para>

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.

</para>

<screen>

<replaceable>one line to give the programs name and a brief idea of what it does.</replaceable>
Copyright (C) <replaceable>year</replaceable> <replaceable>name of author</replaceable>

This program is free software: you can redistribute it and/or modify it under the terms of the <acronym>GNU</acronym> General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
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without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
<acronym>GNU</acronym> General Public License for more details.

You should have received a copy of the <acronym>GNU</acronym> General Public License
along with this program. If not, see <link xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</link>.

</screen>

<para>

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

</para>

<para>

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

</para>

<screen>

<replaceable>program</replaceable> Copyright (C) <replaceable>year</replaceable> <replaceable>name of
author</replaceable>

This program comes with ABSOLUTELY NO WARRANTY; for details type <literal>show w</literal>.

This is free software, and you are welcome to redistribute it

under certain conditions; type <literal>show

c</literal> for details.

</screen>

<para>

The hypothetical commands <literal>show w</literal> and
<literal>show c</literal> should show the appropriate parts of
the General Public License. Of course, your programs commands might be
different; for a GUI interface, you would use an about box.

</para>

<para>

You should also get your employer (if you work as a programmer) or school,
if any, to sign a copyright disclaimer for the program, if
necessary. For more information on this, and how to apply and follow the
<acronym>GNU</acronym> <acronym>GPL</acronym>, see
<link xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</link>.

</para>

<para>

The <acronym>GNU</acronym> General Public License does not permit
incorporating your program into proprietary programs. If your program is a
subroutine library, you may consider it more useful to permit linking
proprietary
applications with the library. If this is what you want to do,
use the <acronym>GNU</acronym> Lesser General Public License instead of this
License. But first, please read <link xmlns:xlink="http://www.w3.org/1999/xlink"

xlink:href="http://www.gnu.org/philosophy/why-not-lgpl.html">http://www.gnu.org/philosophy/why-not-lgpl.html</link>.

</para>

</appendix>

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Version 2.1, February 1999

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^L

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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. 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.)

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distribute

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

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

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

will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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

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```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html
xmlns="http://www.w3.org/1999/xhtml"><head><meta http-equiv="Content-Type" content="text/html;
charset=UTF-8" /><title>License</title><meta name="generator" content="DocBook XSL-NS Stylesheets
V1.78.1" /><meta name="keywords" content="ISO C++, library" /><meta name="keywords" content="ISO C++,
runtime, library" /><link rel="home" href="..index.html" title="The GNU C++ Library" /><link rel="up"
href="status.html" title="Chapter1.Status" /><link rel="prev" href="status.html" title="Chapter1.Status" /><link
rel="next" href="bugs.html" title="Bugs" /></head><body><div class="navheader"><table width="100%"
summary="Navigation header"><tr><th colspan="3" align="center">License</th></tr><tr><td width="20%"
align="left"><a accesskey="p" href="status.html">Prev</a></td><th width="60%"
align="center">Chapter1.Status</th><td
width="20%" align="right"><a accesskey="n" href="bugs.html">Next</a></td></tr></table><hr /></div><div
class="section"><div class="titlepage"><div><div><h2 class="title" style="clear: both"><a
id="manual.intro.status.license"></a>License</h2></div></div></div><p>
There are two licenses affecting GNU libstdc++: one for the code,
and one for the documentation.
</p><p>
There is a license section in the FAQ regarding common <a class="link"
href="..faq.html#faq.license">questions</a>. If you have more
questions, ask the FSF or the <a class="link" href="http://gcc.gnu.org/lists.html" target="_top">gcc mailing
list</a>.
</p><div class="section"><div class="titlepage"><div><div><h3 class="title"><a
id="manual.intro.status.license.gpl"></a>The Code: GPL</h3></div></div></div><p>
The source code is distributed under the <a class="link" href="appendix_gpl.html" title="AppendixD. GNU
General Public License version 3">GNU General Public License version 3</a>,
with the addition under section 7 of an exception described in
the <span class="quote"><span class="quote">GCC Runtime Library Exception, version 3.1</span></span>
as follows (or see the file COPYING.RUNTIME):
</p><div class="literallayout"><p><br />
GCCRUNTIMELIBRARYEXCEPTION<br />
<br />
Version3.1,31March2009<br />
<br />
Copyright(C)2009<a class="link" href="http://www.fsf.org" target="_top">FreeSoftwareFoundation,Inc.</a><br />
<br />
Everyoneispermittedtocopyanddistributeverbatimcopiesofthis<br />
licensedocument,butchangingitisnotallowed.<br />
<br />
ThisGCCRuntimeLibraryException("Exception")isanadditional<br />
permissionundersection7oftheGNUGeneralPublicLicense,version<br />
3("GPLv3").Itappliestoagivenfile(the"RuntimeLibrary")that<br />
bearsanoticeplacedbythecopyrightholderofthefilestatingthat<br />
thefileisgovernedbyGPLv3alongwiththisException.<br />
<br />
WhenyouuseGCCtocompileaprogram,GCCmaycombineportionsof<br />
certainGCCheaderfilesandruntimelibrarieswiththecomplied<br />

```

```

/>
program. The purpose of this Exception is to allow compilation of<br />
non-GPL (including proprietary) programs to use, in this way, the<br />
header files and runtime libraries covered by this Exception.<br />
<br />
0. Definitions.<br />
<br />
A file is an "Independent Module" if it either requires the Runtime<br />
Library for execution after a Compilation Process, or makes use of an<br />
interface provided by the Runtime Library, but is not otherwise based<br />
on the Runtime Library.<br />
<br />
"GCC" means a version of the GNU Compiler Collection, with or without<br />
modifications, governed by version 3 (or as specified later version) of<br />
the GNU General Public License (GPL) with the option of using any<br />
subsequent versions published by the FSF.<br />
<br />
"GPL-compatible Software" is software whose conditions of propagation,<br />
modification and use would permit combination with GCC in accord with<br />
the license of GCC.<br />
<br />
"Target Code" refers to output from any compiler for a real or virtual<br />
target processor architecture, in executable form or suitable for<br />
/>
input to an assembler, loader, linker and/or execution<br />
phase. Notwithstanding that, Target Code does not include data in any<br />
format that is used as a compiler intermediate representation, or used<br />
for producing a compiler intermediate representation.<br />
<br />
The "Compilation Process" transforms code entirely represented in<br />
non-intermediate languages designed for human-written code, and/or in<br />
Java Virtual Machine bytecode, into Target Code. Thus, for example,<br />
use of source code generators and preprocessors need not be considered<br />
part of the Compilation Process, since the Compilation Process can be<br />
understood as starting with the output of the generators or<br />
preprocessors.<br />
<br />
A Compilation Process is "Eligible" if it is done using GCC, alone or<br />
with other GPL-compatible software, or if it is done without using any<br />
work based on GCC. For example, using non-GPL-compatible Software to<br />
optimize any GCC intermediate representations would not qualify as an<br />
Eligible Compilation Process.<br />
<br />
1. Grant of Additional Permission.<br />
/>
<br />
You have permission to propagate a work of Target Code formed by<br />
combining the Runtime Library with Independent Modules, even if such<br />

```

propagation would otherwise violate the terms of GPLv3, provided that
all Target Code was generated by Eligible Compilation Processes. You
may then convey such a combination under terms of your choice,
consistent with the licensing of the Independent Modules.

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requirements of the license of GCC.

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to your lawyer, or the Free Software Foundation.

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Chapter 1. Status	Home	Bugs

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```
16/gnu/javax/sound/AudioSecurityManager$Permissionjava/lang/EnumPLAY1Lgnu/javax/sound/AudioSecurityMa
nager$Permission;RECORDALLENUM$VALUES2[Lgnu/javax/sound/AudioSecurityManager$Permission;<clinit
>()VCode
<init>(Ljava/lang/String;I)V
LineNumberTableLocalVariableTable
thisvalues4()[Lgnu/javax/sound/AudioSecurityManager$Permission;
$&%java/lang/System'(
arraycopy*(Ljava/lang/Object;ILjava/lang/Object;II)VvalueOfE(Ljava/lang/String;)Lgnu/javax/sound/AudioSecurit
yManager$Permission;
,)-5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Enum;
SourceFileAudioSecurityManager.java
SignatureCLjava/lang/Enum<Lgnu/javax/sound/AudioSecurityManager$Permission;>;InnerClasses4$gnu/javax/sou
nd/AudioSecurityManager
Permission@1@@@
```

eAYYYYSYSYS

G'E

1*+E !"

6YK*Y<YM#,)*

*

*+./012

35@

/* Permission.java -- Information about an ACL permission

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```
package java.security.acl;
```

```
/**
```

```
* This interface provides information about a permission that can be  
* granted. Note that this is not the same as the class  
* java.security.Permission.
```

```
*
```

```
* @version 0.0
```

```
*
```

```
* @author Aaron M. Renn (arenn@urbanophile.com)
```

```
*/
```

```
public interface Permission
```

```
{
```

```
/**
```

```
* This method tests whether or not a specified Permission  
* (passed as an Object) is the same as this permission.
```

```
*
```

```

* @param perm The permission to check for equality
*
* @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
*/
boolean equals (Object perm);

/**
 * This method returns this <code>Permission</code> as a <code>String</code>.
 *
 * @return A <code>String</code> representing this permission.
 */
String toString();
}
#!/usr/bin/python
#
# Copyright (C) 2013-2016 Free Software Foundation, Inc.
#
# This script 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 3, or (at your option)
# any later version.

# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
# Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before
# being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether

```

```

# new files have been added with old years). On the other hand:
#
# update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

```

```

import os
import re
import sys
import time
import subprocess

```

```

class Errors:
    def __init__(self):
        self.num_errors = 0

    def report(self, filename, string):
        if filename:
            string = filename + ': ' + string
            sys.stderr.write(string + '\n')
            self.num_errors
            += 1

    def ok(self):
        return self.num_errors == 0

```

```

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set([
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
            'gpl_v3.texi',
            'fdl-1.3.xml',
            'gpl-3.0.xml',

```

```

# Skip auto- and libtool-related files
'aclocal.m4',
'compile',
'config.guess',
'config.sub',
'depcomp',
'install-sh',
'libtool.m4',
'ltmain.sh',
'ltoptions.m4',
'ltsugar.m4',
'ltversion.m4',
'lt~obsolete.m4',
'missing',
'mkdep',
'mkinstalldirs',
'move-if-change',
'shlibpath.m4',
'symlink-tree',
'ylwrap',

# Skip FSF mission statement, etc.
'gnu.texi',
'funding.texi',
'appendix_free.xml',

# Skip imported texinfo files.
'texinfo.tex',
])

```

```

def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile ('\t')

    return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True

    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
        return True

    if extension ==

```

```

'.in':
    # Skip .in files produced by automake.
    if os.path.exists (base + '.am'):
        return True

    # Skip files produced by autogen
    if (os.path.exists (base + '.def')
        and os.path.exists (base + '.tpl')):
        return True

    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists (base + '.ac'):
            return True
        if os.path.exists (base + '.in'):
            return True

    return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename
in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

    # Characters in a range of years. Include '.' for typos.
    ranges = '[0-9](?:[-0-9.,\s])\s+and\s+)*[0-9]'

    # Non-whitespace characters in a copyright holder's name.
    name = '[\w.,-]'

    # Matches one year.
    self.year_re = re.compile ('[0-9]+')

    # Matches part of a year or copyright holder.

```

```

self.continuation_re = re.compile (ranges + '|' + name)

# Matches a full copyright notice:
self.copyright_re = re.compile (
    # 1: 'Copyright (C)', etc.
    '([Cc]opyright'
    '|[Cc]opyright\s+\([Cc]\)'
    '|[Cc]opyright\s+%s'
    '|[Cc]opyright\s+&copy;'
    '|[Cc]opyright\s+@copyright{'
    '|copyright = u\"
    '|@set\s+copyright[\\w-]+)'

    # 2: the years. Include the whitespace in the year, so that
    # we can remove any excess.
    '\\s*(?:' + ranges + ',)?'
    '@value\\{\\^[\\}]*\\}\\s*)'

    # 3: 'by ', if used
    '(by\\s+)?'

    # 4: the copyright holder. Don't allow multiple consecutive
    # spaces, so that right-margin gloss doesn't get caught
    # (e.g. gnat_ugn.texi).
    '(' + name + '(?:\\s?' + name + ')*?)')

# A regexp for notices that might have slipped by. Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile ('copyright.*[0-9][0-9]',
                                       re.IGNORECASE)
self.comment_re = re.compile('#+[*]+;+|%+//+|@c |dnl ')
self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include
this year.
self.max_year = None

# Goes after the year(s). Could be ', '.
self.separator = ' '

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder

```

```

self.holders[holder] = canon_form
index = holder.find ( ' ' )
while index >= 0:
    self.holder_prefixes.add (holder[:index])
    index = holder.find ( ' ', index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__ (self, year):
        self.year = year

    def __str__ (self):
        return 'unrecognised year: ' + self.year

def parse_year (self, string):
    year = int (string)
    if len (string) == 2:
        if year > 70:
            return year + 1900
    elif len (string) == 4:
        return year
    raise self.BadYear (string)

def year_range (self, years):
    year_list =
[self.parse_year (year)
    for year in self.year_re.findall (years)]
    assert len (year_list) > 0
    return (min (year_list), max (year_list))

def set_use_quilt (self, use_quilt):
    self.use_quilt = use_quilt

def include_year (self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years (self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith ('@value'):
        return years

    (min_year, max_year) = self.year_range (years)

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):

```

```

        max_year = max (max_year, self.max_year)

    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

def strip_continuation (self, line):
    line = line.lstrip()
    match = self.comment_re.match
    (line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete (self, match):
    holder = match.group (4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright (self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join (dir, filename)

    intro = match.group (1)
    if intro.startswith ('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end (2):].strip()
        if after_years != "":
            self.errors.report (pathname,
                                'trailing characters in @set: '
                                + after_years)
            return (False, orig_line, next_line)
    else:
        # If it looks like the copyright is incomplete, add
the next line.
        while not self.is_complete (match):
            try:
                next_line = file.next()
            except StopIteration:
                break

        # If the next line doesn't look like a proper continuation,
        # assume that what we've got is complete.
        continuation = self.strip_continuation (next_line)

```



```

        if not self.continuation_re.match (continuation):
            break

        # Merge the lines for matching purposes.
        orig_line += next_line
        line = line.rstrip() + ' ' + continuation
        next_line = None

        # Rematch with the longer line, at the original position.
        match = self.copyright_re.match (line, match.start())
        assert match

        holder = match.group (4)

        # Use the filter to test cases where markup is getting in the way.
        if filter.by_package_author
(dir, filename):
            assert holder not in self.holders

        elif not holder:
            self.errors.report (pathname, 'missing copyright holder')
            return (False, orig_line, next_line)

        elif holder not in self.holders:
            self.errors.report (pathname,
                                'unrecognised copyright holder: ' + holder)
            return (False, orig_line, next_line)

        else:
            # See whether the copyright is associated with the package
            # author.
            canon_form = self.holders[holder]
            if not canon_form:
                return (False, orig_line, next_line)

            # Make sure the author is given in a consistent way.
            line = (line[:match.start (4)]
                    + canon_form
                    + line[match.end (4):])

            # Remove any 'by'
            line = line[:match.start (3)]
+ line[match.end (3):]

        # Update the copyright years.
        years = match.group (2).strip()
        try:
            canon_form = self.canonicalise_years (dir, filename, filter, years)

```

```

except self.BadYear as e:
    self.errors.report (pathname, str (e))
    return (False, orig_line, next_line)

line = (line[:match.start (2)]
        + (" if intro.startswith ('copyright = ') else ' ')
        + canon_form + self.separator
        + line[match.end (2):])

# Use the standard (C) form.
if intro.endswith ('right'):
    intro += ' (C)'
elif intro.endswith ('(c)'):
    intro = intro[:-3] + '(C)'
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace
line = line.rstrip() + '\n'

return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
            pass
        return

    lines = []
    changed = False
    line_filter = filter.get_line_filter (dir, filename)
    with open (pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match (line)):
                    match = self.copyright_re.search (line)
                    if match:
                        res = self.update_copyright (dir, filename, filter,
                                                    file, line, match)
                        (this_changed, line, next_line) = res
                        changed = changed or this_changed

```

```

        # Check for copyright lines that might have slipped by.
        elif self.other_copyright_re.search (line):
            self.errors.report (pathname,
                                'unrecognised copyright: %s'
                                % line.strip())
        lines.append (line)
        line = next_line

# If something changed, write the new file out.
if changed and self.errors.ok():
    tmp_pathname = pathname + '.tmp'
    with open (tmp_pathname, 'w') as file:
        for line in lines:
            file.write (line)
    if self.use_quilt:
        subprocess.call (['quilt', 'add', pathname])
    os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file (dir, filename):
                sys.stdout.write ('Skipping %s\n'
                                  % os.path.join (dir, filename))
            else:
                self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option ('--help', 'Print this help', self.o_help)
        self.add_option ('--quilt', '"quilt add" files before changing them',
                        self.o_quilt)
        self.add_option

```

```

('--this-year', 'Add the current year to every notice',
    self.o_this_year)

def add_option (self, name, help, handler):
    self.option_help.append ((name, help))
    self.option_handlers[name] = handler

def add_dir (self, dir, filter = GenericFilter()):
    self.dirs.append ((dir, filter))

def o_help (self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...\n\n'
        'Options:\n' % sys.argv[0])
    format = '%-15s %s\n'
    for (what, help) in self.option_help:
        sys.stdout.write (format % (what, help))
    sys.stdout.write ('\nDirectories:\n')

    format = '%-25s'
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len (self.dirs):
            sys.stdout.write (dir + '\n')
        else:
            sys.stdout.write (format % dir)
    sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt
(True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[:1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len (self.chosen_dirs) == 0:
            self.chosen_dirs = self.default_dirs
        if len (self.chosen_dirs) == 0:
            self.o_help()

```

```

else:
    for chosen_dir in self.chosen_dirs:
        canon_dir = os.path.join (chosen_dir, "")
        count = 0
        for (dir, filter) in self.dirs:
            if (dir + os.sep).startswith (canon_dir):
                count += 1
                self.copyright.process_tree
(dir, filter)
            if count == 0:
                self.errors.report (None, 'unrecognised directory: '
                                    + chosen_dir)
sys.exit (0 if self.errors.ok() else 1)

#-----

class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find ('gettext-') >= 0:
                    return True
        return GenericFilter.skip_file (self, dir, filename)

class GCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__
(self)

    self.skip_files |= set ([
        # Not part of GCC
        'math-68881.h',
    ])

    self.skip_dirs |= set ([
        # Better not create a merge nightmare for the GNAT folks.
        'ada',

        # Handled separately.

```

```

        'testsuite',
    ])

    self.skip_extensions |= set ([
        # Maintained by the translation project.
        '.po',

        # Automatically-generated.
        '.pot',
    ])

    self.fossilised_files |= set ([
        # Old news won't be updated.
        'ONEWS',
    ])

class TestsuiteFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set ([
            # Don't change the tests, which could be woend by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',

            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
            '.java',
        ])

    def skip_file (self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
            return True
        return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set ([
            # Maintained by the translation project.

```

```

        '.po',

        # Automatically-generated.
        '.pot',
    ])

class LibGCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set ([
            # Imported from GLIBC.
            'soft-fp',
        ])

class LibJavaFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set ([
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        ])

    def get_line_filter (self, dir, filename):
        if filename == 'NameDecoder.h':
            return re.compile ('.*NAME_COPYRIGHT')
        if filename == 'ICC_Profile.h':
            return re.compile ('.*icSigCopyrightTag')
        return GenericFilter.get_line_filter (self, dir, filename)

class LibMudflapFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set ([
            # Handled separately.
            'testsuite',
        ])

class LibStdCxxFilter (GenericFilter):

```

```

def __init__(self):
    GenericFilter.__init__(self)

    self.skip_files |= set ([
        # Contains no copyright of its own, but quotes the GPL.
        'intro.xml',
    ])

    self.skip_dirs |= set ([
        # Contains automatically-generated sources.
        'html',

        # The testsuite data files shouldn't be changed.
        'data',

        # Contains imported images
        'images',
    ])

    self.own_files |= set ([
        # Contains markup around the copyright owner.
        'spine.xml',
    ])

def get_line_filter (self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile ('// \\\(C\\\) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter (self, dir, filename)

class GCCCopyright (Copyright):
    def __init__(self, errors):
        Copyright.__init__(self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author
        ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation.', canon_fsf)
        self.add_package_author ('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('The Free Software Foundation', canon_fsf)
        self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('Software Foundation, Inc.', canon_fsf)

        self.add_external_author ('ARM')
        self.add_external_author ('AdaCore')
        self.add_external_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author ('Cavium Networks.')

```



```

self.add_external_author ('Faraday Technology Corp.')
self.add_external_author ('Florida State University')
self.add_external_author ('Greg Colvin and Beman Dawes.')
self.add_external_author ('Hewlett-Packard Company')
self.add_external_author ('Information Technology Industry Council.')
self.add_external_author ('James Theiler, Brian Gough')
self.add_external_author ('Makoto Matsumoto and Takuji Nishimura,')
self.add_external_author ('National Research Council of Canada.')
self.add_external_author ('NVIDIA Corporation')
self.add_external_author ('Peter Dimov and Multi Media Ltd.')
self.add_external_author ('Peter Dimov')
self.add_external_author ('Pipeline Associates, Inc.')
self.add_external_author ('Regents of the University of California.')
self.add_external_author ('Silicon Graphics Computer Systems, Inc.')
self.add_external_author ('Silicon Graphics')
self.add_external_author ('Stephen L. Moshier')
self.add_external_author ('Sun Microsystems, Inc. All rights reserved.')
self.add_external_author ('The Go Authors. All rights
reserved.')
self.add_external_author ('The Go Authors. All rights reserved.')
self.add_external_author ('The Go Authors.')
self.add_external_author ('The Regents of the University of California.')
self.add_external_author ('Unicode, Inc.')
self.add_external_author ('University of Toronto.')

```

```

class GCCCmdLine (CmdLine):

```

```

    def __init__ (self):
        CmdLine.__init__ (self, GCCCopyright)

        self.add_dir ('.', TopLevelFilter())
        # Boehm-gc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir (os.path.join ('gcc', 'testsuite'), TestSuiteFilter())
        self.add_dir ('gnattools')
        self.add_dir ('include')
        self.add_dir ('libada')
        self.add_dir ('libatomic')
        self.add_dir ('libbacktrace')
        self.add_dir ('libcpp', LibCppFilter())

        self.add_dir ('libdecnumber')
        # libffi is imported from upstream.
        self.add_dir ('libgcc', LibGCCFilter())
        self.add_dir ('libgfortran')
        self.add_dir ('libgomp')

```

```

self.add_dir('libiberty')
self.add_dir('libitm')
self.add_dir('libjava', LibJavaFilter())
self.add_dir(os.path.join('libjava', 'testsuite'), TestsuiteFilter())
self.add_dir('libmudflap', LibMudflapFilter())
self.add_dir(os.path.join('libmudflap', 'testsuite'),
               TestsuiteFilter())
self.add_dir('libobjc')
self.add_dir('libquadmath')
# libsanitiser is imported from upstream.
self.add_dir('libssp')
self.add_dir('libstdc++-v3', LibStdCxxFilter())
self.add_dir('libvtv')
self.add_dir('lto-plugin')
# zlib is imported from upstream.

```

```

self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]

```

GCCCmdLine().main()

1java/security/acl/Permissionjava/lang/Objectequals(Ljava/lang/Object;)ZtoString()Ljava/lang/String;

SourceFilePermission.java

=====

compiler_rt License

=====

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Developed by:

LLVM Team

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Program	Directory
-----	-----
mach_override	lib/interception/mach_override
1f+gnu/classpath/tools/taglets/CopyrightTaglet.java/lang/Objectcom/sun/tools/doclets/TagletNAME.java/lang/String;	
ConstantValue copyrightHEADER	
Copyright:<init>()VCode	
LineNumberTableLocalVariableTablethis-	
Lgnu/classpath/tools/taglets/CopyrightTaglet;getName()Ljava/lang/String;inField()Z	
inConstructorinMethod	
inOverview inPackageinTypeisInlineTagregister(Ljava/util/Map;)V	

```

&(*)
java/util/Map+,put8(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;
tagletMapLjava/util/Map;copyrightTaglettoString)(Lcom/sun/javadoc/Tag;)Ljava/lang/String;3com/sun/javadoc/Tag
g
506*([Lcom/sun/javadoc/Tag;)Ljava/lang/String;tagLcom/sun/javadoc/Tag;2;;text
=?>java/lang/String@Alength()ICjava/lang/StringBuffer
BF<dl>
BHJappend,(Ljava/lang/String;)Ljava/lang/StringBuffer;Ljava/lang/StringBuilderN<dt><i>Copyright &#169;
KPQ(Ljava/lang/String;)V
KSIT-(Ljava/lang/String;)Ljava/lang/StringBuilder;V </i></dt>
KX0Z</dl>
BXtags[Lcom/sun/javadoc/Tag;haveValidTagZiresultLjava/lang/StringBuffer;
SourceFileCopyrightTaglet.java!

```

```

/*1-
7,,?,C,G,K
,O!,S "#QY$L*+%+"WWXY-.
/01A
*2Y+S4\

```

```

7806)+=>+29<=+_BYDN-EGW67+29<%-KYMO+29RURWGW+-YGW-[F`ad efge+k/l7m>nDoSpunstw>\] ^_
`a7TbcA>`ade
@node Library Copying
@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

```

```

@cindex LGPL, Lesser General Public License
@center Version 2.1, February 1999

```

```

@display
Copyright @copyright{ } 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street - Fifth Floor, Boston, MA 02110-1301, USA

```

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

```

[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
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free software---to make sure the software is free for all its users.

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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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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

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end ifinfo

@enumerate 0

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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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which has been distributed under these terms. A ``work based on the
Library" means

either the Library or any derivative work under
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``Source code" for a work means the preferred form of the work for
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and installation of the library.

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on the Library (independent of the use of the Library in a tool for
writing it). Whether
that is true depends on what the Library does
and what the program that uses the Library does.

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@enumerate a

@item

The modified work must itself be a software library.

@item

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

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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.

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

@item

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must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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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

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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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@item

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@item

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@item

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

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@end enumerate

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@heading END OF TERMS AND CONDITIONS

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@center END OF TERMS AND CONDITIONS

@end ifinfo

@page

@appendixsubsec 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.

@smallexample

@var{one line to give the library's name and an idea of what it does.}

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Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301,
USA.
@end smallexample

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

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

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

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Version 2, June 1991

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b) You must cause any work that you distribute or publish, that in

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c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a

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c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code

or executable form with such
an offer, in accord with Subsection b above.)

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

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```
1[java/security/Permissionjava/lang/Objectjava/security/Guardjava/io/SerializableserialVersionUIDJ
ConstantValue?(WQ~nameLjava/lang/String;<init>(Ljava/lang/String;)VCode
()V LineNumberTableLocalVariableTablethisLjava/security/Permission;
checkGuard(Ljava/lang/Object;)V
! java/lang/System"#getSecurityManager()Ljava/lang/SecurityManager;
%&'&java/lang/SecurityManager()checkPermission(Ljava/security/Permission;)VobjLjava/lang/Object;smLjava/lang/
SecurityManager;implies(Ljava/security/Permission;)Zequals(Ljava/lang/Object;)ZhashCode()IgetName()Ljava/lan
g/String;
getActionsnewPermissionCollection&()Ljava/security/PermissionCollection;toString;gnu/java/lang/CPStringBuilder
r
:
:>?@append"(C)Lgnu/java/lang/CPStringBuilder;
BCDgetClass()Ljava/lang/Class;
FHGjava/lang/Class45
:J?K3(Ljava/lang/String;)Lgnu/java/lang/CPStringBuilder;
H
N65P
RTSjava/lang/String01
:V95stringLgnu/java/lang/CPStringBuilder;
SourceFilePermission.java!
F
**+[] ^
```

```
XM,,*$nop
q *+
,-./012345/*6578,95S:Y<L+(=L+*AEIL+ =L+*LIL*MOQ+
=L+*MIL+)=L+U*
"+7>GNSKWXYZ
```

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

```
#ifndef __java_security_acl_Permission__
#define __java_security_acl_Permission__
```

```
#pragma interface
```

```
#include <java/lang/Object.h>
extern "Java"
{
    namespace java
    {
        namespace security
```

```

{
  namespace acl
  {
    class Permission;
  }
}
}
}

class java::security::acl::Permission : public ::java::lang::Object
{

public:
  virtual jboolean equals(::java::lang::Object *) = 0;
  virtual ::java::lang::String * toString() = 0;
  static ::java::lang::Class class$;
} __attribute__((java_interface));

```

```

#endif // __java_security_acl_Permission__
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  Version 2, June 1991

```

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Version 3.1, 31 March 2009

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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using underscores, we are using prefix `.'s to identify labels that should be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"

#define ASM_SHORT "\t.word\t"

#define ASM_LONG "\t.long\t"

#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS

#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \nfprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

```

/* This says how to output an assembler line
to define a global common symbol. */

#define
ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \
( fputs(".comm ", (FILE)), \
assemble_name((FILE), (NAME)), \
fprintf((FILE), "%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \
( fputs(".lcomm ", (FILE)), \
assemble_name((FILE), (NAME)), \
fprintf((FILE), "%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \
( fputs(".lcomm ", (FILE)), \
assemble_name((FILE), (NAME)), \
fprintf((FILE), "%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE, LOG) \
if ((LOG)!=0) fprintf((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
the symbol_ref name of an internal numbered label
where
PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF, PREFIX, NUMBER) \
sprintf((BUF), "%s%d", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

/* Sequant has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */

```

#define DBX_CONTIN_LENGTH 0

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and

Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.

Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader

specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and

Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.

Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports.

Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.

Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to

a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to
nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the
code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the
experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn't
made it into the released version of the collector, yet.)
.. _gnu_fdl:

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* m4/ax_func_which_gethostbyname_r.m4

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Version 3, 29 June 2007

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// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

```
#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
#define __gnu_javax_sound_AudioSecurityManager$Permission__
```

```
#pragma interface
```

```
#include <java/lang/Enum.h>
#include <gcj/array.h>
```

```
extern "Java"
{
    namespace gnu
```

```

{
  namespace javax
  {
    namespace sound
    {
      class AudioSecurityManager$Permission;
    }
  }
}

class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{

  AudioSecurityManager$Permission(::java::lang::String *, jint);
public:
  static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
  static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
  static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
  static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
  static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
private:
  static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission
    * > * ENUM$VALUES;
public:
  static ::java::lang::Class class$;
};

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

```

1.36 makedev 2.3.1-93ubuntu2~ubuntu16.04.1

1.36.1 Available under license :

This package is maintained for Debian by Bdale Garbee, <bdale@gag.com>.

It was downloaded from ftp.redhat.com, as a source .rpm from the 5.1 release.

Copyright:

No explicit copyright is asserted. Nick Holloway is the earliest author recorded in the sourcecode. I queried him for an explicit statement regarding the license status of this work, and this is his reply:

Date: Tue, 21 Jul 1998 19:57:10 +0100
 From: Nick Holloway <Nick.Holloway@alfie.demon.co.uk>
 Message-Id: <199807211857.TAA19068@alfie.demon.co.uk>
 To: Bdale Garbee <bdale@gag.com>

Subject: Re: makedev license?

> I maintain the makedev package for Debian GNU/Linux. I am about to move
> from the ill-fated makedev-1.6 to the makedev-2.3.1 derived from your work
> by the folks at Redhat. I don't see any evidence of a copyright assertion
> or explicit license statement in the source. Your name appears to be the
> earliest attached to the current sourcecode. Am I correct in assuming the
> GPL? We try
to be meticulous about having our base system be compliant
> with our Debian Free Software Guidelines, so I'd like an explicit statement.

It was never explicitly released as GPL, as that would have required including the file COPYING which would have been much larger than the actual MAKEDEV script (I was also too lazy to find out what incantations needed to be made). However, it is intended to be used as anyone sees fit, and the statement under "Copying Policy" is "Freely Redistributable" (see MAKEDEV.lsm from any of the releases I made).

The more recent modifications were done by Michael K. Johnson at Redhat. I think the understanding was that he would be taking over the maintenance of MAKEDEV (our discussion took place last September).

The only previous history was (according to an old posting to comp.os.linux) that I started with Jim Winstead's script.

So, as far as I am concerned, it is consistent with the Debian FSG.

--

`O O' | Home: Nick.Holloway@alfie.demon.co.uk
http://www.alfie.demon.co.uk/
// ^ \ | Work: Nick.Holloway@parallax.co.uk

A complete copy of the GPL is provided on Debian systems in the file /usr/share/common-licenses/GPL.

1.37 isc-dhcp 4.3.3-5ubuntu12.10

1.37.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0>

Source: <http://www.isc.org/downloads/dhcp>

Files-Excluded:

aclocal.m4

bind

compile

config.*

configure

depcomp

install-sh
*/Makefile.in
missing
doc/References.txt
doc/References.html

Files: *
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2011-2015 Michael Gilbert <mgilbert@debian.org>
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1.38 ifupdown 0.8.10ubuntu1.4

1.38.1 Available under license :

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Source: <https://anonscm.debian.org/cgit/collab-maint/ifupdown.git>

Files: *
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```
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```
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```

```
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1.39 dash 0.5.8-2.10

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This package was re-reported from NetBSD and debianized by

Herbert Xu herbert@debian.org on Thu, 19 Jun 1997 19:29:16 +1000.

This package was adopted by Gerrit Pape <pape@smarden.org> on
Fri, 28 May 2004 18:38:18 +0000.

It was downloaded from <http://gondor.apana.org.au/~herbert/dash/files/>

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1.40 debianutils 4.8.4

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1.42 grep 3.1-2

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Upstream-Name: grep

Upstream-Contact: bug-grep@gnu.org

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1.43 hostname 3.20

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1.44 libffi 3.2.1-8

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1.45 libsepol 2.7-1

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1.46 sensible-utils 0.0.12

1.46.1 Available under license :

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Upstream-Name: sensible-utils

Upstream-Contact: Anibal Monsalve Salazar <anibal@debian.org>

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1.47 adduser 3.116ubuntu1

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```
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1.51 base-passwd 3.5.44

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Name: base-passwd

Maintainer: Colin Watson <cjwatson@debian.org>

Files: update-passwd.c, man/*

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1.53 coreutils 8.28-1ubuntu1

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<ftp://ftp.gnu.org/gnu/coreutils/coreutils-8.24.tar.xz>

This debian package was first created by Michael Stone <mstone@debian.org>, from coreutils 4.5.1.

Changes:

- * added Debian GNU/Linux package maintenance system files
- * at times, bug fixes awaiting inclusion in the upstream source

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doc/coreutils.texi (The GNU Coreutils Manual)

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1.54 findutils 4.6.0+git+20170828-2

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It was downloaded from `ftp://ftp.gnu.org/gnu/findutils`

Debian maintainer history: The original package was put together by Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley <kevind@rahul.net> took over. 2003-07 Andreas Metzler <ametzler@debian.org> followed.

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The idea for `-print0` and `xargs -0` came from Dan Bernstein <brnstdn@kramden.acf.nyu.edu>.

Improvements have been made by James Youngman <jay@gnu.org>.

* GNU xargs

was originally written by Mike Rendell, with enhancements by David MacKenzie. Modifications by James Youngman Dmitry V. Levin

* GNU locate and its associated utilities were originally written by James Woods, with enhancements by David MacKenzie, James Youngman and Bas van Gompel.

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Assignment for future changes terminated on 2012-12-04.

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Wrote cipher/twofish.c.

GNUPG Natural Resources Canada 1998-08-11

Disclaims changes by Matthew Skala.

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Changes and bug fixes all over the place.

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GNUPG Rmi Guyomarch 1999-05-25

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GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22

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Original code for cipher/rfc2268.c.

LIBGCRYPT The Written Word 2005-04-15

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past and future changes. (new: src/libgrypt.pc.in,
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mpi/hppa1.1/udiv-qrnd.S, mpi/hppa1.1/mpi-h-mul2.S,
mpi/hppa1.1/mpi-h-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09
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(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.
added SHA-224, changed cipher/sha256.c, added HMAC tests.)

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1.59 lsb 9.20170808ubuntu1

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Upstream-Name: LSB implementation package

Files: *

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Files: init-functions.d/50-ubuntu-logging

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Files: init-functions

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1.60 mawk 1.3.3-17ubuntu3

1.61 sysv-init 2.88dsf-59.10ubuntu1

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Init was written by Miquel van Smoorenburg <miquels@cistron.nl>.

This package was first put together by Bruce Perens <Bruce@Pixar.com> from pre-distribution sources. Ian Murdock <imurdock@debian.org> integrated it into the base system maintained it until the end of 1995. Miquel van Smoorenburg <miquels@cistron.nl> implemented Debian support. In version 2.85 the package was split into three (`sysvinit`, `sysv-rc`, and `initscripts`) in order to make room for alternative `rc` mechanisms.

The upstream source is available at:

Primary-Site: [ftp.cistron.nl /pub/people/miquels/software](ftp://cistron.nl/pub/people/miquels/software)

92K sysvinit-2.86.tar.gz
Alternate-Site: [sunsite.unc.edu /pub/Linux/system/daemons/init](http://sunsite.unc.edu/pub/Linux/system/daemons/init)
92K sysvinit-2.86.tar.gz

Send patches to sysvinit-devel@nongnu.org.

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The of the start-stop-daemon:

- * A rewrite of the original Debian's
start-stop-daemon Perl script
- * in C (faster - it is executed many times during system startup).
- *
- * Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.62 zlib 1.2.11.dfsg-0ubuntu2

1.62.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>
Files-Excluded:
contrib/ada
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contrib/dotzlib
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contrib/inflate86
contrib/iostream
contrib/iostream2
contrib/iostream3
contrib/masmx64
contrib/masmx86
contrib/pascal
contrib/puff
contrib/testzlib
contrib/untgz
contrib/vstudio
doc/rfc*

This is the pre-packaged Debian Linux version of the zlib compression library. It was packaged by Michael Alan Dorman <mdorman@debian.org> from sources originally retrieved from ftp.uu.net in the directory /pub/archiving/zip/zlib as the file zlib-1.0.4.tar.gz.

There is a homepage at <http://www.gzip.org/zlib/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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Jean-loup Gailly Mark Adler
jloup@gzip.org
madler@alumni.caltech.edu

1.63 zstd 1.3.3+dfsg-2ubuntu1

1.63.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Zstd

Source: <https://github.com/facebook/zstd>

Files-Excluded: appveyor.yml

circle.yml
build/*
programs/windres/*
.travis.yml
.buckversion
.buckconfig

Files: *

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Files: zlibWrapper/examples/*.c

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Files: contrib/linux-kernel/fs/squashfs/*

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Files: lib/dictBuilder/divsufsort.*

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1.64 gnutls 3.5.18-1ubuntu1

1.64.1 Available under license :

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It was downloaded from <ftp://ftp.gnutls.org/gcrypt/gnutls/>

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lib/accelerated/x86/elf/aes-ssse3-x86.s
lib/accelerated/x86/macosx/aes-ssse3-x86.s

Upstream Authors: Mike Hamburg (Stanford University)

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lib/system/inet_pton.c

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lib/system/vasprintf.c

Upstream Authors: David Woodhouse <dwmw2@infradead.org>

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Comment: This code is not used on Debian/*, since we have a working
vasprintf() in glibc.

lib/extras/hex.*

Author: Rusty Russell <rusty@rustcorp.com.au>

Comment: <http://ccodearchive.net/info/str/hex.html>

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doc/examples/tlsproxy/

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=====
tests/pkcs11/pkcs11-mock.*

Author: Jaroslav Imrich <jimrich@jimrich.sk>

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=====
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Author: Bruno Haible <bruno@clisp.org>

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Comment: Debian package is built against libunistring-dev package.

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Version 3, 19 November 2007

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1.65 go-spew v1.1.1

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1.67 findutils 4.6.0+git+20160126-2

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Debian maintainer history: The original package was put together by
Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley
<kevind@rahul.net> took over. 2003-07 Andreas Metzler
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The idea for -print0 and xargs -0 came from

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Improvements have been made by James Youngman <jay@gnu.org>.

* GNU xargs

was originally written by Mike Rendell, with enhancements by David MacKenzie. Modifications by James Youngman Dmitry V. Levin

* GNU locate and its associated utilities were originally

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The End

1.69 ncurses 6.0+20160213-1ubuntu1

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Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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That's all there is to it!
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compiler/cpp/src/generate/t_xsd_generator.cc
compiler/cpp/src/main.cc
compiler/cpp/src/parse/t_field.h
compiler/cpp/src/parse/t_program.h
compiler/cpp/src/platform.h
compiler/cpp/src/thrift.ll
compiler/cpp/src/thrift.yy
lib/csharp/src/Protocol/TBinaryProtocol.cs
lib/csharp/src/Protocol/TField.cs
lib/csharp/src/Protocol/TList.cs
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lib/csharp/src/Protocol/TProtocol.cs
lib/csharp/src/Protocol/TProtocolException.cs
lib/csharp/src/Protocol/TProtocolFactory.cs
lib/csharp/src/Protocol/TProtocolUtil.cs
lib/csharp/src/Protocol/TSet.cs
lib/csharp/src/Protocol/TStruct.cs
lib/csharp/src/Protocol/TType.cs
lib/csharp/src/Server/TServer.cs
lib/csharp/src/Server/TSimpleServer.cs
lib/csharp/src/Server/TThreadPoolServer.cs
lib/csharp/src/TApplicationException.cs

```
lib/csharp/src/Thrift.csproj
lib/csharp/src/Thrift.sln
lib/csharp/src/TProcessor.cs
lib/csharp/src/Transport/TServerSocket.cs
lib/csharp/src/Transport/TServerTransport.cs
lib/csharp/src/Transport/TSocket.cs
lib/csharp/src/Transport/TStreamTransport.cs
lib/csharp/src/Transport/TTransport.cs
lib/csharp/src/Transport/TTransportException.cs
lib/csharp/src/Transport/TTransportFactory.cs
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj
lib/rb/lib/thrift.rb
lib/st/README
lib/st/thrift.st
test/OptionalRequiredTest.cpp
test/OptionalRequiredTest.thrift
test/ThriftTest.thrift
```

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1.71 alsa 1.1.3-5ubuntu0.2

1.72 apt 1.6.11

1.73 lz4 0.0~r131-2ubuntu3

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: lz4

Source: <https://github.com/Cyan4973/lz4>

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1.74 debconf 1.5.66ubuntu1

1.75 debconf 1.5.58ubuntu2

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Format: <http://dep.debian.net/deps/dep5/>

Source: native package

Files: *

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1.76 make 4.1-6

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1.79 gnupg 1.4.20-1ubuntu3.3

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

1.80 netbase 5.3

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It is currently maintained by Marco d'Itri <md@linux.it>.

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1.81 binutils 2.26.1-1ubuntu1~16.04.8

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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 (jsr). 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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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

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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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a) Accompany the work with the complete corresponding machine-readable

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The

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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.

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@iftex

@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end iftex

@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end ifinfo

@enumerate 0

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@item

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@item

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However, linking a ``work that uses the Library'' with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a ``work that uses the

library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work.

(Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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@item

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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

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@item

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@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

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@enumerate a

@item

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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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@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

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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.

@smallexample

@var{one line to give the library's name and an idea of what it does.}

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@end smallexample

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

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@smallexample

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

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

1.82 e2fsprogs 1.44.1-1ubuntu1.1

1.82.1 Available under license :

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

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

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This is the Debian GNU/Linux prepackaged version of the static EXT2
file system consistency checker (e2fsck.static). The EXT2 utilities
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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*/

Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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Version 2, June 1991

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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>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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

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

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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```

DAMAGE.
#
# 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)

This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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before you ship. The release schedules for this package are flexible, if you give me enough lead time.

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```
<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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```
Gnomovision version 69, Copyright (C) year name of author
```


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Ty Coon, President of Vice

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This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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1.83 ucf 3.0038

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```
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under certain conditions; type `show c'
for details.
```

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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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1.84 patch 2.7.6-2ubuntu1

1.84.1 Available under license :

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Version 3, 29 June 2007

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The

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1.93 shadow 4.5-1ubuntu1

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1.94 xorg 7.7+19ubuntu7.1

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1.95 xauth 1.0.9-1ubuntu2

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```

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```
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to make passes
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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1.99 keyutils 1.5.9-9.2ubuntu2

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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```
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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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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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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- 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

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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.

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

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

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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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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

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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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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials

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

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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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1.100 init-system-helpers 1.51

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1.101 free-type 2.8.1-2ubuntu2

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include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdfplib.c
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#
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
#
#
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2006-Jan-27

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1.102 util-linux 2.31.1-0.4ubuntu3.3

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```

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Version 2, June 1991

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This code implements the MD5 message-digest algorithm.

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1.108 gson 2.8.2

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- * /gson-2-8-2-sources-jar/com/google/gson/annotations/JsonAdapter.java

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- * /gson-2-8-2-sources-jar/com/google/gson/JsonPrimitive.java
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1.109 jaxb-core 2.2.11

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1.110 iproute 4.3.0-1ubuntu3.16.04.5

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1.113 curl 7.58.0-2ubuntu3.7

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1.114 net-tools 1.60+git20161116.90da8a0-1ubuntu1

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1.115 curl 7.58.0-2ubuntu3.6

1.115.1 Available under license :

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=====

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1.116 liberror-perl 0.17025-1

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the

user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c

=====

--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c

+++ pam.ubuntu/modules/pam_motd/pam_motd.c

@@ -73,6 +73,61 @@

close(fd);

}

+int display_legal(pam_handle_t *pamh)

+{

+ int retval = PAM_IGNORE, rc;

+ char *user = NULL;

+ char *dir = NULL;

+ char *flag = NULL;

+ struct passwd *pwd = NULL;

+ struct stat s;

+ int f;

+ /* Get the user name to determine if we need to print the disclaimer */

+ rc = pam_get_item(pamh, PAM_USER, &user);

+ if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')

+ {

+ PAM_MODUTIL_DEF_PRIVS(privs);

+

+

+ /* Get the password entry */

+ pwd = pam_modutil_getpwnam (pamh, user);

+ if (pwd != NULL)

+ {

+ if (pam_modutil_drop_priv(pamh, &privs, pwd)) {

+ pam_syslog(pamh, LOG_ERR,

+ "Unable to change UID to %d temporarily\n",

+ pwd->pw_uid);

+ retval = PAM_SESSION_ERR;

+ goto finished;

+ }

+

+ if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)

+ goto finished;

+ if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)

+ goto finished;

+

```

+     if (stat(flag, &s) != 0)
+     {
+         display_file(pamh, "/etc/legal");
+         mkdir(dir, 0700);
+         f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+             S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+         if (f>=0) close(f);
+     }
+
+finished:
+     if (pam_modutil_regain_priv(pamh,
+ &privs)) {
+         pam_syslog(pamh, LOG_ERR,
+             "Unable to change UID back to %d\n", privs.old_uid);
+         retval = PAM_SESSION_ERR;
+     }
+
+     _pam_drop(flag);
+     _pam_drop(dir);
+ }
+ }
+ return retval;
+}
+

```

PAM_EXTERN

```

int pam_sm_open_session(pam_handle_t *pamh, int flags,
    int argc, const char **argv)

```

```

@@ -116,6 +171,9 @@

```

```

    /* Display the updated motd */
    display_file(pamh, motd_path);

```

```

+ /* Display the legal disclaimer only if necessary */
+ retval = display_legal(pamh);
+
+ return retval;
+ }

```

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on
Wed, 23 Sep 1998 20:29:32 +0200.

It was downloaded from <ftp://ftp.kernel.org/pub/linux/libs/pam/pre/>

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Version 2.1, February 1999

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1.126 openssh 7.6p1-4ubuntu0.1

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- * @version 3.0 (December 2000)

- *

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

- *

- * @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

- * @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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*/

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)

```

#ifndef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

#define INFTIM (-1) /* not
standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
/*
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*

*/

#ifndef _BSD_WAITPID_H

#define _BSD_WAITPID_H

#ifndef HAVE_WAITPID

/* Clean out any potential issues */

#undef WIFEXITED

#undef WIFSTOPPED

#undef WIFSIGNALED

/* Define required functions to mimic a POSIX look and feel */

#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */

#define WIFEXITED(w) (!((_W_INT(w)) & 0377))

#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)

#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))

#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)

#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)

#define WCOREFLAG 0x80

#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */

pid_t waitpid(int,
int *, int);

#endif /* !HAVE_WAITPID */

#endif /* _BSD_WAITPID_H */

/*

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*/

```
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int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
```

1.127 bzip2 1.0.6-8ubuntu0.2

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

1.128 bash 4.3-14ubuntu1.4

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1.130 xerces-j 2.7.1

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1.131 iputils 20161105-1ubuntu3

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

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1.141 slf4j-log4j 1.7.7

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1.145 xmlsec-java 2.1.4

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

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

This program 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.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

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

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

Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

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

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

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

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

```
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
Copyright @copyright{} 2007 Free Software Foundation, Inc.
```

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

```
@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@unnumbered GNU General Public License
@center Version 3, 29 June 2007
```

```
@c This file is intended to be included in another file.
```

```
@display
Copyright @copyright{} 2007 Free Software Foundation, Inc. @url{http://fsf.org/}
```

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

@end display

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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.

@heading TERMS AND CONDITIONS

@enumerate 0

@item 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.

@item 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.

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

@item 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

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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.

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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.

@item 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:

@enumerate a

@item

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

@item

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".

@item

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.

@item

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.

@end enumerate

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.

@item 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:

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a

@item

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

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.

@item

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

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.

@end enumerate

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

A ``User Product'' is either (1) a ``consumer product'', which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, ``normally used'' refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or

non-consumer uses, unless such uses represent the only significant mode of use of the product.

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

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

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

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

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@enumerate a

@item

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Each version is given a distinguishing version number. If the Program

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@item Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms,

reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

@end enumerate

@heading END OF TERMS AND CONDITIONS

@heading How to Apply These Terms to Your New Programs

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

To

do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively 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.

@smallexample

@var{one line to give the program's name and a brief idea of what it does.}

Copyright (C) @var{year} @var{name of author}

This program 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 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

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not, see @url{http://www.gnu.org/licenses/}.

@end smallexample

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:

@smallexample

@var{program} Copyright (C) @var{year} @var{name of author}

This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample

The hypothetical commands @samp{show w} and @samp{show c} should show
the appropriate parts of the General Public License. Of course, your
program's commands might be different; for a GUI interface, you would
use an ``about box".

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@c man end

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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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Version 3.1, 31 March 2009

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and

Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.

Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader

specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.

Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports.

Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.

Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).

Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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@iftex

@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end iftex

@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE
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@end ifinfo

@enumerate 0

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

@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,

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@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

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

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That's all there is to it!

@ignore

@c Set file name and title for man page.

@setfilename gfdl

@settitle GNU Free Documentation License

@c man begin SEEALSO

gpl(7), fsf-funding(7).

@c man end

@c man begin COPYRIGHT

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@c This file is intended to be included within another document,

@c hence no sectioning command or @node.

@c man end

@end ignore

@c Special handling for inclusion in the install manual.

@ifset gfdlhtml

@ifnohtml

@comment node-name, next, previous, up

@node GNU Free Documentation License, Concept Index, Old, Top

@end ifnohtml

@html

<h1 align="center">Installing GCC: GNU Free Documentation License</h1>

@end html

@ifnohtml

@unnumbered GNU Free Documentation License

@end ifnohtml

@end ifset

@c man begin DESCRIPTION

@ifclear gfdlhtml

@node GNU Free Documentation License

@unnumbered

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@end ifclear

@cindex FDL, GNU Free Documentation License

@center Version 1.3, 3 November 2008

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the work with the complete corresponding

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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

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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```

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1.150 libxmu 1.1.2-2

1.150.1 Available under license :

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```
--- libxmu-1.1.2.orig/autogen.sh
+++ libxmu-1.1.2/autogen.sh
@@ -0,0 +1,14 @@
+#!/bin/sh
+
+srcdir=`dirname $0`
+test -z "$srcdir" && srcdir=.
+
+ORIGDIR=`pwd`
+cd $srcdir
+
+autoreconf -v --install || exit 1
```

```

+cd $ORIGDIR || exit $?
+
+if test -z "$NOCONFIGURE"; then
+  $srcdir/configure "$@"
+fi
--- libxmu-1.1.2.orig/debian/changelog
+++ libxmu-1.1.2/debian/changelog
@@ -0,0 +1,219 @@
+libxmu (2:1.1.2-2) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * Switch to dh with the autoreconf and quilt addons, fixing possible FTBFS
+   when building in parallel (closes: #801059). Thanks, Matthias Klose!
+
+ [ Julien Cristau ]
+ * Remove Cyril from Uploaders.
+ * Bump Standards-Version to 3.9.6, update Vcs-* control fields.
+
+ -- Julien Cristau <jcristau@debian.org> Sat, 14 Nov 2015 10:04:44 +0100
+
+libxmu (2:1.1.2-1) unstable; urgency=low
+
+ * New upstream release.
+ * Add ${misc:Depends} to libxmu-headers.
+
+   * Use /usr/share/quilt/quilt.make instead of xsfbs for patching.
+ * Add build-{arch,indep} debian/rules targets.
+ * Bump debhelper compat level from 5 to 7.
+
+ -- Julien Cristau <jcristau@debian.org> Mon, 05 May 2014 14:13:01 +0200
+
+libxmu (2:1.1.1-1) unstable; urgency=low
+
+ * New upstream release.
+ * Don't require (fake)root for debian/rules clean.
+ * Bump build-deps on xutils-dev, xmlto and xorg-sgml-doctools per
+   configure.ac.
+ * Xmu.html no longer hardcodes the full path to xlogo.svg, drop sed call
+   from debian/rules.
+ * Remove David Nusinow from Uploaders.
+ * Bump debhelper build-dep for ${misc:Pre-Depends} usage.
+
+ -- Julien Cristau <jcristau@debian.org> Sat, 21 Apr 2012 10:50:11 +0200
+
+libxmu (2:1.1.0-3) unstable; urgency=low
+
+ * Build for multiarch.
+

```

+ -- Steve Langasek <vorlon@debian.org> Fri, 21 Oct 2011 14:47:59 -0700

+

+libxmu (2:1.1.0-2) unstable; urgency=low

+

+ [Christopher James Halse Rogers]

+ * debian/patches/01_dont_export_private_deps.patch:

+

- The Xmu.h header uses libXt symbols in a #define, so libXt is not a

+ private dep. With binutils-gold, the indirect dependency on Xt is not

+ considered when linking with Xmu so this causes build failures.

+

+ [Julien Cristau]

+ * Drop Pre-Depends on x11-common, only needed for upgrades from the

+ monolith.

+

+ -- Julien Cristau <jcristau@debian.org> Thu, 28 Apr 2011 14:10:11 +0200

+

+libxmu (2:1.1.0-1) unstable; urgency=low

+

+ * New upstream release.

+ * Bump xutils-dev build-dep for new macros.

+ * Add xmlto, xorg-sgml-doctools, and w3m build-dep for the doc.

+ * Pass --with-xmlto and --without-fop (we want html and txt only).

+ * Pass --docdir=/usr/share/doc/libxmu-headers and add this directory to

+ libxmu-headers.install file.

+ * Remove the hardcoded path to the X logo in the Xmu.html file.

+ * Kill *.xml in the doc directory, no point in shipping them.

+ * Switch from --list-missing to --fail-missing for additional safety.

+

+

-- Cyril Brulebois <kibi@debian.org> Fri, 19 Nov 2010 08:42:29 +0100

+

+libxmu (2:1.0.5-2) unstable; urgency=high

+

+ [Julien Cristau]

+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no

+ good reason. Thanks, Colin Watson!

+ * Remove myself from Uploaders

+ * Don't pass both -s and -Nfoo/-pfoo to dh_strip. This resulted in an empty

+ libxmu1-dbg (Closes: #594500). Thanks to Luca Falavigna for the report.

+

+ [Cyril Brulebois]

+ * Add myself to Uploaders.

+ * Bump urgency to high for the RC bugfix. Thanks to Jakub Wilk as well

+ for the report.

+

+ -- Cyril Brulebois <kibi@debian.org> Sat, 04 Sep 2010 14:32:30 +0200

+

```

+libxmu (2:1.0.5-1) unstable; urgency=low
+
+ [ Timo Aaltonen ]
+ * New upstream release.
+ + Fix 64bit support (closes: #521887)
+
+ [ Julien Cristau ]
+ * Bump Standards-Version to 3.8.3.
+
+ -- Julien Cristau <jcristau@debian.org> Wed, 25 Nov 2009 19:20:17 +0100
+
+libxmu (2:1.0.4-2) unstable; urgency=low
+
+
+ [ Julien Cristau ]
+ * Drop -1 debian revisions from build-deps.
+ * libxmu6{,-dbg}, libxmu-dev, libxmuu1{,-dbg} and libxmuu-dev don't need a
+ dependency on x11-common.
+ * Build libxmu-headers in binary-indep instead of binary-arch
+ (closes: #486418). Thanks, Martin Koeppel!
+ * Run autoreconf on build; build-depend on automake, libtool, xutils-dev.
+ * Handle parallel builds.
+
+ [ Brice Goglin ]
+ * Add a link to www.X.org and a reference to the upstream module
+ in the long description.
+ * Add upstream URL to debian/copyright.
+ * Add README.source, bump Standards-Version to 3.8.2.
+ * Use updated xsfbs, closes: #538587.
+ * Move -dbg packages to section debug.
+
+ -- Julien Cristau <jcristau@debian.org> Fri, 07 Aug 2009 14:30:36 +0200
+
+libxmu (2:1.0.4-1) unstable; urgency=low
+
+ [ Julien Cristau ]
+ * New upstream release.
+ * Make libxmu*-dev depend on libxmu-headers (= ${source:Version}). Thanks,
+ Josh Triplett.
+ * Don't export private
dependencies in xmu.pc and xmuu.pc. These
dependencies are handled by Requires.private.
+ * Due to the above, build-depend on quilt and apply the xsfbs patch rules.
+ * Update xsfbs to the latest version as of 2008-01-06.
+ * Add myself to Uploaders, and remove Branden and Fabio with their
+ permission.
+ * Bump Standards-Version to 3.7.3 (no changes).
+ * s/^XS-Vcs/Vcs/

```

```

+
+ [ Timo Aaltonen ]
+ * Bump the epoch so that this can be synced to Ubuntu in the future.
+
+ -- Julien Cristau <jcristau@debian.org> Thu, 17 Jan 2008 14:57:47 +0100
+
+libxmu (1:1.0.3-1) unstable; urgency=low
+
+ * New upstream release.
+ * Install the upstream changelog.
+ * Remove outdated CVS information from the package descriptions, and add
+   XS-Vcs-Git and XS-Vcs-Browser.
+ * Fix package sections (libraries in libs, development stuff in libdevel).
+ * Use ${binary:Version} instead of ${Source-Version}.
+
+ -- Julien Cristau <jcristau@debian.org> Thu, 12 Apr 2007 13:40:07 +0200
+
+libxmu
+(1:1.0.2-2) unstable; urgency=low
+
+ [ Andres Salomon ]
+ * Test for obj-$(DEB_BUILD_GNU_TYPE) before creating it during build;
+   idempotency fix.
+
+ [ Drew Parsons ]
+ * dbg package has priority extra.
+
+ -- David Nusinow <dnusinow@debian.org> Wed, 30 Aug 2006 16:53:25 -0400
+
+libxmu (1:1.0.2-1) experimental; urgency=low
+
+ * New upstream release
+ * Bump debhelper compat to 5
+ * Run dh_install with --list-missing
+ * Version the -headers package's x11-common pre-dep to use version 1:7.0.0
+   to match the rest of Debian and shut lintian up
+ * Bump standards version to 3.7.2.0
+
+ -- David Nusinow <dnusinow@debian.org> Mon, 3 Jul 2006 18:43:32 -0400
+
+libxmu (1:1.0.1-3) unstable; urgency=low
+
+ * Reorder makeshlib command in rules file so that ldconfig is run
+   properly. Thanks Drew Parsons and Steve Langasek.
+
+ -- David Nusinow <dnusinow@debian.org> Tue, 18 Apr 2006 21:49:59 -0400
+
+libxmu (1:1.0.1-2) unstable; urgency=low

```

```

+
+ * Upload to unstable
+
+
-- David Nusinow <dnusinow@debian.org> Thu, 23 Mar 2006 22:44:59 -0500
+
+libxmu (1:1.0.1-1) experimental; urgency=low
+
+ * First upload to Debian
+
+ -- David Nusinow <dnusinow@debian.org> Thu, 29 Dec 2005 20:53:53 -0500
+
+libxmu (1:6.2.3-5) breezy; urgency=low
+
+ * Also, libxmu-dev needs to depend on libxt-dev too.
+
+ -- Adam Conrad <adconrad@ubuntu.com> Mon, 25 Jul 2005 09:43:47 +0000
+
+libxmu (1:6.2.3-4) breezy; urgency=low
+
+ * Bump libxt-dev build-dep once more, _XOPEN_SOURCE begone!
+
+ -- Adam Conrad <adconrad@ubuntu.com> Sun, 24 Jul 2005 10:48:14 +0000
+
+libxmu (1:6.2.3-3) breezy; urgency=low
+
+ * Make libxmu-dev depend on libxext-dev, since libxmu links to it.
+
+ -- Adam Conrad <adconrad@ubuntu.com> Sun, 24 Jul 2005 07:56:02 +0000
+
+libxmu (1:6.2.3-2) breezy; urgency=low
+
+ * Bump Build-Depends on libx11-dev, libxext-dev and libxt-dev to avoid
+ _XOPEN_SOURCE.
+
+ -- Daniel Stone <daniel.stone@ubuntu.com> Sat, 23 Jul 2005 00:20:50 +1000
+
+libxmu
+(1:6.2.3-1) breezy; urgency=low
+
+ * First libxmu release.
+
+ -- Daniel Stone <daniel.stone@ubuntu.com> Mon, 16 May 2005 22:10:17 +1000
--- libxmu-1.1.2.orig/debian/compat
+++ libxmu-1.1.2/debian/compat
@@ -0,0 +1 @@
+9
--- libxmu-1.1.2.orig/debian/control

```



```

+++ libxmu-1.1.2/debian/control
@@ -0,0 +1,155 @@
+Source: libxmu
+Section: x11
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Build-Depends:
+ debhelper (>= 9),
+ dh-autoreconf,
+ libx11-dev (>= 1:0.99.2),
+ libxt-dev (>= 1:0.99.1),
+ libxext-dev (>= 1:0.99.1),
+ pkg-config,
+ quilt,
+ automake,
+ libtool,
+ xutils-dev (>= 1:7.6+2),
+# devel-docs:
+ xmlto (>= 0.0.22),
+ xorg-sgml-doctools (>= 1:1.8),
+ w3m,
+Standards-Version: 3.9.6
+Vcs-Git: git://anonscm.debian.org/git/pkg-xorg/lib/libxmu
+Vcs-Browser: https://anonscm.debian.org/cgit/pkg-xorg/lib/libxmu.git
+
+Package: libxmu6
+Section: libs
+Architecture: any
+Multi-Arch: same
+Pre-Depends: ${misc:Pre-Depends}
+Depends: ${shlibs:Depends},
+ ${misc:Depends}
+Description: X11 miscellaneous utility library
+ libXmu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. libXmuu is a lighter-weight version that does not depend
+ on libXt or libXext; for more information, see libxmuu1.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+
+Package: libxmu6-dbg
+Section: debug
+Architecture: any
+Multi-Arch: same
+Priority: extra

```

+Depends: \${shlibs:Depends}, \${misc:Depends}, libxmu6 (= \${binary:Version})

+Description: X11 miscellaneous utility library (debug package)

+ libXmu provides a set of miscellaneous utility convenience functions for X

+ libraries to use. libXmuu is a lighter-weight version that does not depend

+ on libXt or libXext; for more information, see libxmuu1.

+ .

+ This package contains the debug versions of the library found in libxmu6.

+ Non-developers likely

have little use for this package.

+ .

+ More information about X.Org can be found at:

+ <URL:http://www.X.org>

+ .

+ This module can be found at

+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

+ .

+Package: libxmu-dev

+Section: libdevel

+Architecture: any

+Multi-Arch: same

+Depends: \${shlibs:Depends}, \${misc:Depends}, libxext-dev, libxt-dev, libxmu6 (= \${binary:Version}), libxmu-

headers (= \${source:Version})

+Description: X11 miscellaneous utility library (development headers)

+ libXmu provides a set of miscellaneous utility convenience functions for X

+ libraries to use. libXmuu is a lighter-weight version that does not depend

+ on libXt or libXext; for more information, see libxmuu1.

+ .

+ This package contains the development headers for the library found in

+ libxmu6. Non-developers likely have little use for this package.

+ .

+ More information about X.Org can be found at:

+ <URL:http://www.X.org>

+ .

+ This module can be found at

+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

+ .

+Package:

libxmuu1

+Section: libs

+Architecture: any

+Multi-Arch: same

+Pre-Depends: \${misc:Pre-Depends}

+Depends: \${shlibs:Depends}, \${misc:Depends}

+Description: X11 miscellaneous micro-utility library

+ libXmuu provides a set of miscellaneous utility convenience functions for X

+ libraries to use. It is a lighter version of libXmu that does not depend

+ on libXt or libXext; for more information on libXmu, see libxmu6.

+ .

+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+
+Package: libxmuu1-dbg
+Section: debug
+Architecture: any
+Multi-Arch: same
+Priority: extra
+Depends: \${shlibs:Depends}, \${misc:Depends}, libxmuu1 (= \${binary:Version})
+Description: X11 miscellaneous micro-utility library (debug package)
+ libXmuu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. It is a lighter version of libXmu that does not depend
+ on libXt
+ or libXext; for more information on libXmu, see libxmu6.
+ .
+ This package contains the debug versions of the library found in libxmuu1.
+ Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+
+Package: libxmuu-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends: \${shlibs:Depends}, \${misc:Depends}, libxmuu1 (= \${binary:Version}), libxmu-headers (= \${source:Version})
+Description: X11 miscellaneous micro-utility library (development headers)
+ libXmuu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. It is a lighter version of libXmu that does not depend
+ on libXt or libXext; for more information on libXmu, see libxmu6.
+ .
+ This package contains the development headers for the library found in
+ libxmuu1. Non-developers likely have little use for this package.
+ .
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+ .

+Package: libxmu-headers
 +Section: libdevel
 +Architecture: all
 +Multi-Arch: foreign
 +Depends:
 + libx11-dev,
 + x11proto-core-dev,
 + \${misc:Depends},
 +Description: X11 miscellaneous utility library headers
 + libXmu and libXmuu are miscellaneous utility libraries for X library
 + developers to abstract some common functions. This package provides the
 + headers for both libraries (as libXmuu is a subset of libXmu), and
 + is depended upon by both. For more information, please see libxmu-dev or
 + libxmuu-dev.
 + .
 + More information about X.Org can be found at:
 + <URL:http://www.X.org>
 + .
 + This module can be found at
 + git://anongit.freedesktop.org/git/xorg/lib/libXmu
 --- libxmu-1.1.2.orig/debian/copyright
 +++ libxmu-1.1.2/debian/copyright
 @@ -0,0 +1,77 @@
 +This package was downloaded from
 +http://xorg.freedesktop.org/releases/individual/lib/
 +
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+
+-----
+

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--- libxmu-1.1.2.orig/debian/libxmu-dev.install

+++ libxmu-1.1.2/debian/libxmu-dev.install

@@ -0,0 +1,3 @@

+usr/lib/*/libXmu.a

+usr/lib/*/libXmu.so

+usr/lib/*/pkgconfig/xmu.pc

--- libxmu-1.1.2.orig/debian/libxmu-headers.install

+++ libxmu-1.1.2/debian/libxmu-headers.install

@@ -0,0 +1,2 @@

+usr/include/X11/*

+usr/share/doc/libxmu-headers

--- libxmu-1.1.2.orig/debian/libxmu6.install

+++

libxmu-1.1.2/debian/libxmu6.install

@@ -0,0 +1 @@

+usr/lib/*/libXmu.so.6*

--- libxmu-1.1.2.orig/debian/libxmu-dev.install

+++ libxmu-1.1.2/debian/libxmu-dev.install

@@ -0,0 +1,3 @@

+usr/lib/*/libXmu.a

+usr/lib/*/libXmu.so

+usr/lib/*/pkgconfig/xmu.pc

--- libxmu-1.1.2.orig/debian/libxmu1.install

+++ libxmu-1.1.2/debian/libxmu1.install

@@ -0,0 +1 @@

+usr/lib/*/libXmu.so.1*

--- libxmu-1.1.2.orig/debian/patches/01_dont_export_private_deps.diff

+++ libxmu-1.1.2/debian/patches/01_dont_export_private_deps.diff

@@ -0,0 +1,26 @@

+diff --git a/xmu.pc.in b/xmu.pc.in

+index a086f83..15dabf 100644

+--- a/xmu.pc.in

++++ b/xmu.pc.in

@@@ -6,7 +6,7 @@@ includedir=@includedir@

+ Name: Xmu

+ Description: Xmu Library

+ Version: @PACKAGE_VERSION@

+Requires: xproto x11 xt

++Requires: xproto xt

+ Requires.private: x11 xt xext

```

+ Cflags: -I${includedir}
+ Libs: -L${libdir} -lXmu
+diff --git a/xmuu.pc.in b/xmuu.pc.in
+index 1e91ac4..72fa5f9 100644
+--- a/xmuu.pc.in
++++ b/xmuu.pc.in
+@@
+-6,7 +6,7 @@ includedir=@includedir@
+ Name: Xmuu
+ Description: Mini Xmu Library
+ Version: @PACKAGE_VERSION@
+-Requires: xproto x11
++Requires: xproto
+ Requires.private: x11
+ Cflags: -I${includedir}
+ Libs: -L${libdir} -lXmuu
+--- libxmu-1.1.2.orig/debian/patches/series
+++ libxmu-1.1.2/debian/patches/series
+@@ -0,0 +1 @@
+01_dont_export_private_deps.diff
+--- libxmu-1.1.2.orig/debian/rules
+++ libxmu-1.1.2/debian/rules
+@@ -0,0 +1,34 @@
+#!/usr/bin/make -f
+# debian/rules for the Debian libxmu package.
+# Copyright 2004 Scott James Remnant <scott@netsplit.com>
+# Copyright 2005 Daniel Stone <daniel@fooishbar.org>
+# Copyright 2005 David Nusinow <dnusinow@debian.org>
+
+# Uncomment this to turn on verbose mode.
+#export DH_VERBOSE=1
+
+.PHONY: build
+build:
+ dh build --with quilt,autoreconf --builddirectory=build/ --parallel
+
+%:
+ dh $@ --with quilt,autoreconf --builddirectory=build/ --parallel
+
+override_dh_auto_configure:
+ dh_auto_configure -- \
+ --disable-silent-rules
+ \
+ --docdir=${prefix}/share/doc/libxmu-headers \
+ --with-xmlto \
+ --without-fop
+
+override_dh_auto_install:

```

```

+ dh_auto_install
+ find debian/tmp/usr/share/doc/libxmu-headers -name '*.xml' -delete
+
+override_dh_install-arch:
+ dh_install --fail-missing -Xusr/include -X.la
+
+override_dh_strip:
+ dh_strip -Nlibxmu6 -Nlibxmuu1
+ dh_strip -plibxmu6 --dbg-package=libxmu6-dbg
+ dh_strip -plibxmuu1 --dbg-package=libxmuu1-dbg
--- libxmu-1.1.2.orig/debian/watch
+++ libxmu-1.1.2/debian/watch
@@ -0,0 +1,3 @@
+#git=git://anongit.freedesktop.org/xorg/lib/libXmu
+version=3
+http://xorg.freedesktop.org/releases/individual/lib/ libXmu-(.*)\tar\gz

```

Found in path(s):

```
* /libxmu-1-1-2-2-diff-gz/libxmu_1.1.2-2.diff
```

1.151 giflib 5.2.1

1.151.1 Available under license :

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1.152 heimdal 7.5.0+dfsg-1

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@vskip 20pt plus 1fil

@end macro

@macro copyrightstart{ }

@end macro

@macro copyrightend{ }

@end macro

@node Copyrights and Licenses, , Acknowledgments, Top

@comment node-name, next, previous, up

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@verbatim

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@end verbatim

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@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

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@item HDB LDAP backend.

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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DES core in libcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge. Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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1.154 sed 4.4-2

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- 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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Version 3, 29 June 2007

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

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

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

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

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

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

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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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1.158 gdbm 1.14.1-6

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Files:

include/bsd/err.h

include/bsd/stdlib.h

include/bsd/unistd.h

src/bsd_getopt.c

src/err.c

src/fgetln.c

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include/bsd/sys/bitstring.h

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include/bsd/vis.h

man/bitstring.3bsd

man/errc.3bsd

man/explicit_bzero.3bsd

man/fgetln.3bsd

man/fgetwln.3bsd

man/fpurge.3bsd

man/funopen.3bsd

man/getbsize.3bsd

man/heapsort.3bsd

man/nlist.3bsd

man/queue.3bsd

man/radixsort.3bsd

man/reallocarray.3bsd

man/reallocf.3bsd

man/setmode.3bsd

man/strmode.3bsd

man/strnstr.3bsd

man/unvis.3bsd

man/vis.3bsd

man/wcslcpy.3bsd

src/getbsize.c

src/heapsort.c

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man/fmtcheck.3bsd

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src/fmtcheck.c

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src/inet_net_pton.c

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include/bsd/md5.h

src/hash/md5.c

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Files:

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src/hash/md5hl.c

src/hash/helper.c

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1.162 pinentry 1.1.0-1

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1.164 libpsl 0.19.1-5build1

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Upstream-Name: libpsl

Source: <https://github.com/rockdaboot/libpsl>

Files: *

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Files: src/psl-make-dafsa src/lookup_string_in_fixed_set.c

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1.165 less 487-0.1

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1.166 libxext 1.3.3-1

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1.167 libcap 2.25-1.2

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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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-- vile: txtmode file-encoding=utf-8

Upstream source <https://invisible-island.net/ncurses/ncurses.html>

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-- vile: txtmode file-encoding=utf-8

Upstream source <https://invisible-island.net/ncurses/ncurses-examples.html>

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

Files: *

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-- vile:txtmode fc=72

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It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>. Michael Alan Dorman <mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup <jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray) <jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net> over various years.

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1.170 libsemanage 2.7-2build2

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1.171 libpkit 0.23.9-2

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Format: <http://dep.debian.net/deps/dep5>

Upstream-Name: p11-kit

Source: <http://p11-glue.freedesktop.org/p11-kit.html>

Files: *

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trust/pem.c trust/pem.h common/argv.c common/argv.h common/pkcs11x.h
common/pkcs11i.h
common/test-constants.c common/test-hash.c
p11-kit/pkcs11.h p11-kit/test-managed.c

trust/builder.c
trust/builder.h trust/digest.h trust/module.c trust/module.h trust/pem.c
trust/pem.h trust/oid.c trust/oid.h trust/parser.h
trust/session.c trust/session.h trust/frob-cert.c
trust/frob-eku.c trust/frob-token.c
trust/test-digest.c trust/test-enumerate.c
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trust/test-parser.c trust/test-pem.c trust/test-token.c
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p11-kit/docs.h p11-kit/log.h p11-kit/modules.h p11-kit/proxy.h
p11-kit/test-log.c trust/anchor.c trust/anchor.h
trust/enumerate.c trust/enumerate.h trust/extract.c
trust/extract-cer.c trust/extract.h trust/extract-jks.c
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common/test-lexer.c common/test-message.c

common/test-path.c common/test-url.c

p11-kit/test-proxy.c p11-kit/virtual.h p11-kit/test-util.c

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1.172 libseccomp 2.4.1-0ubuntu0.18.04.2

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Source: <https://sourceforge.net/projects/libseccomp/>

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1.173 kerberos 1.16-2ubuntu0.1

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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
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- 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
slave/kpropd_rpc.c
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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/iproper_hdr.h
kadmin/server/iproperd_svc.c
lib/kdb/iproper.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kproperd_rpc.c
slave/kproperlog.c

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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1.176 bzip2 1.0.6-8.1ubuntu0.2

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

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

1.177 pam 1.1.8-3.6ubuntu2.18.04.1

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c

=====

--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c

+++ pam.ubuntu/modules/pam_motd/pam_motd.c

@@ -73,6 +73,61 @@

close(fd);

}

+int display_legal(pam_handle_t *pamh)

+{

+ int retval = PAM_IGNORE, rc;

+ char *user = NULL;

+ char *dir = NULL;

+ char *flag = NULL;

+ struct passwd *pwd = NULL;

+ struct stat s;

+ int f;

+ /* Get the user name to determine if we need to print the disclaimer */

+ rc = pam_get_item(pamh, PAM_USER, &user);

+ if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')

+ {

+ PAM_MODUTIL_DEF_PRIVS(privs);

+

+

/* Get the password entry */

+ pwd = pam_modutil_getpwnam (pamh, user);

+ if (pwd != NULL)

+ {

+ if (pam_modutil_drop_priv(pamh, &privs, pwd)) {

```

+     pam_syslog(pamh, LOG_ERR,
+         "Unable to change UID to %d temporarily\n",
+         pwd->pw_uid);
+     retval = PAM_SESSION_ERR;
+     goto finished;
+ }
+
+ if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+     goto finished;
+ if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+     goto finished;
+
+ if (stat(flag, &s) != 0)
+ {
+     display_file(pamh, "/etc/legal");
+     mkdir(dir, 0700);
+     f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+         S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+     if (f>=0) close(f);
+ }
+
+finished:
+ if (pam_modutil_regain_priv(pamh,
+     &privs)) {
+     pam_syslog(pamh, LOG_ERR,
+         "Unable to change UID back to %d\n", privs.old_uid);
+     retval = PAM_SESSION_ERR;
+ }
+
+ _pam_drop(flag);
+ _pam_drop(dir);
+ }
+ }
+ return retval;
+}
+
PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
    int argc, const char **argv)
@@ -116,6 +171,9 @@
    /* Display the updated motd */
    display_file(pamh, motd_path);

+ /* Display the legal disclaimer only if necessary */
+ retval = display_legal(pamh);
+
    return retval;
}

```

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on
Wed, 23 Sep 1998 20:29:32 +0200.

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/

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1.178 gnutls 3.5.18-1ubuntu1.1

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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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Comment: This code is not used on Debian/*, since we have a working
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lib/extras/hex.*

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tests/pkcs11/pkcs11-mock.*

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1.180 pkg-sftp 1.10.1

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1.181 sqlite 3.22.0-1ubuntu0.1

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1.182 cpp 8.3.0-6ubuntu1~18.04.1

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1.183 libxrender 0.9.10-1

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1.184 libxi 1.7.9-1

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1.185 libxtst 1.2.3-1

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1.186 libgpg-error 1.27-6

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1.189 linux-atm 2.5.1-1.5

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/*

* Marko Kiiskila carnil@cs.tut.fi

*

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it

free software which everyone can redistribute and change under these terms.

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

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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

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

```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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

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

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

1.196 libedit 3.1-20150325-1ubuntu2

1.196.1 Available under license :

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1.197 libalgorithm-diff-xs-perl 0.04-4build1

1.197.1 Available under license :

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

```
'GNU public license'          => 'gpl',      1,
'GNU lesser public license'    => 'gpl',      1,
'BSD license'                  => 'bsd',      1,
'proprietary'                  => 'proprietary', 0,
if ( $osi and $license_text =~ /All rights reserved/i ) {
warn "LEGAL WARNING: 'All rights reserved' may invalidate Open Source licenses. Consider removing it.";
```

Found in path(s):

```
* /libalgorithm-diff-xs-perl-0-04-orig-tar-gz/Algorithm-Diff-XS-0.04/inc/Module/Install/Metadata.pm
```

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

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Found in path(s):

```
* /libalgorithm-diff-xs-perl-0-04-orig-tar-gz/Algorithm-Diff-XS-0.04/README
```

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

=head1 NAME

Algorithm::Diff::XS - Algorithm::Diff with XS core loop

=head1 SYNOPSIS

```
# Drop-in replacement to Algorithm::Diff, but "compact_diff"
# and C<LCSidx> will run much faster for large data sets.
use Algorithm::Diff::XS qw( compact_diff LCSidx );
```

=head1 DESCRIPTION

This module is a simple re-packaging of Joe Schaefer's excellent but not very well-known L<Algorithm::LCS> with a drop-in interface that simply re-uses the installed version of the L<Algorithm::Diff> module.

Note that only the C<LCSidx> function is optimized in XS at the moment, which means only C<compact_diff> will get significantly faster for large data sets, while C<diff> and C<sdiff> will run in identical speed as C<Algorithm::Diff>.

=head1 BENCHMARK

	Rate	Algorithm::Diff	Algorithm::Diff::XS
Algorithm::Diff	14.7/s	--	-98%
Algorithm::Diff::XS	806/s	5402%	

--

The benchmarking script is as below:

```
my @data = ([qw/a b d/ x 50], [qw/b a d c/ x 50]);
cmpthese( 500, {
    'Algorithm::Diff' => sub {
        Algorithm::Diff::compact_diff(@data)
    },
    'Algorithm::Diff::XS' => sub {
        Algorithm::Diff::XS::compact_diff(@data)
    },
});
```

=head1 SEE ALSO

L<Algorithm::Diff>, L<Algorithm::LCS>.

=head1 AUTHORS

Audrey Tang E<lt>cpan@audreyt.orgE<gt>

=head1 COPYRIGHT

Copyright 2008 by Audrey Tang E<lt>cpan@audreyt.orgE<gt>.

Contains derived code copyrighted 2003 by Joe Schaefer,
E<lt>joe+cpan@sunstarsys.comE<gt>.

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it under the same terms as Perl itself.

=cut

Found in path(s):

* /libalgorithm-diff-xs-perl-0-04-orig-tar-gz/Algorithm-Diff-XS-0.04/lib/Algorithm/Diff/XS.pm

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

abstract: Algorithm::Diff with XS core loop

author: Audrey Tang <cpan@audreyt.org>

distribution_type: module

generated_by: Module::Install version 0.67

license: perl

meta-spec:

url: <http://module-build.sourceforge.net/META-spec-v1.3.html>

version: 1.3

name: Algorithm-Diff-XS

no_index:

directory:

- inc
- t

requires:

Algorithm::Diff: 1.19

perl: 5.6.0

version: 0.01

Found in path(s):

* /libalgorithm-diff-xs-perl-0-04-orig-tar-gz/Algorithm-Diff-XS-0.04/META.yml

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

/*

ppport.h -- Perl/Pollution/Portability Version 3.06_01

Automatically created by Devel::PPPort running under
perl 5.008008 on Wed Oct 22 22:33:39 2008.

Do NOT edit this file directly! -- Edit PPPort_pm.PL and the
includes in parts/inc/ instead.

Use 'perldoc ppport.h' to view the documentation below.

SKIP

=pod

=head1 NAME

ppport.h - Perl/Pollution/Portability version 3.06_01

=head1 SYNOPSIS

perl ppport.h [options] [source files]

Searches current directory for files if no [source files] are given

--help show short help

--patch=file write one patch file with changes

--copy=suffix write changed copies with suffix

--diff=program use diff program and options

--compat-version=version
 provide compatibility with Perl version
 --cplusplus accept C++ comments

 --quiet don't output anything except fatal errors
 --nodiag don't show diagnostics
 --nohints don't show hints
 --nochanges don't suggest changes
 --nofilter don't filter input files

 --list-provided list provided API
 --list-unsupported list unsupported API
 --api-info=name show Perl API portability information

=head1 COMPATIBILITY

This version of F<ppport.h> is designed to support operation with Perl installations back to 5.003, and has been tested up to 5.9.3.

=head1 OPTIONS

=head2 --help

Display a brief usage summary.

=head2 --patch=I<file>

If this option is given, a single patch file will be created if any changes are suggested. This requires a working diff program to be installed on your system.

=head2 --copy=I<suffix>

If this option is given, a copy of each file will be saved with the given suffix that contains the suggested changes. This does not require any external programs.

If neither C<--patch> or C<--copy> are given, the default is to simply print the diffs for each file. This requires either C<Text::Diff> or a C<diff> program to be installed.

=head2 --diff=I<program>

Manually set the diff program and options to use. The default is to use C<Text::Diff>, when installed, and output unified context diffs.

=head2 --compat-version=I<version>

Tell F<ppport.h> to check for compatibility with the given Perl version. The default is to check for compatibility with Perl version 5.003. You can use this option to reduce the output of F<ppport.h> if you intend to be backward compatible only up to a certain Perl version.

=head2 --cplusplus

Usually, F<ppport.h> will detect C++ style comments and replace them with C style comments for portability reasons. Using this option instructs F<ppport.h> to leave C++ comments untouched.

=head2 --quiet

Be quiet. Don't print anything except fatal errors.

=head2 --nodiag

Don't output any diagnostic messages. Only portability alerts will be printed.

=head2 --nohints

Don't output any hints. Hints often contain useful portability notes.

=head2 --nochanges

Don't suggest any changes. Only give diagnostic output and hints unless these are also deactivated.

=head2 --nofilter

Don't filter the list of input files. By default, files not looking like source code (i.e. not *.xs, *.c, *.cc, *.cpp or *.h) are skipped.

=head2 --list-provided

Lists the API elements for which compatibility is provided by F<ppport.h>. Also lists if it must be explicitly requested, if it has dependencies, and if there are hints for it.

=head2 --list-unsupported

Lists the API elements that are known not to be supported by F<ppport.h> and below which version of Perl they probably won't be available or work.

=head2 --api-info=I<name>

Show portability information for API elements matching I<name>.

If I<name> is surrounded by slashes, it is interpreted as a regular expression.

=head1 DESCRIPTION

In order for a Perl extension (XS) module to be as portable as possible across differing versions of Perl itself, certain steps need to be taken.

=over 4

=item *

Including this header is the first major one. This alone will give you access to a large part of the Perl API that hasn't been available in earlier Perl releases. Use

```
perl ppport.h --list-provided
```

to see which API elements are provided by ppport.h.

=item *

You should avoid using deprecated parts of the API. For example, using global Perl variables without the C<PL_> prefix is deprecated. Also, some API functions used to have a C<perl_> prefix. Using this form is also deprecated. You can safely use the supported API, as F<ppport.h> will provide wrappers for older Perl versions.

=item *

If you use one of a few functions that were not present in earlier versions of Perl, and that can't be provided using a macro, you have to explicitly request support for these functions by adding one or more C<#define>s in your source code before the inclusion of F<ppport.h>.

These functions will be marked C<explicit> in the list shown by C<--list-provided>.

Depending on whether you module has a single or multiple files that

use such functions, you want either C<static> or global variants.

For a C<static> function, use:

```
#define NEED_function
```

For a global function, use:

```
#define NEED_function_GLOBAL
```

Note that you mustn't have more than one global request for one function in your project.

Function	Static Request	Global Request

eval_pv()	NEED_eval_pv	NEED_eval_pv_GLOBAL
grok_bin()	NEED_grok_bin	NEED_grok_bin_GLOBAL
grok_hex()	NEED_grok_hex	NEED_grok_hex_GLOBAL
grok_number()	NEED_grok_number	NEED_grok_number_GLOBAL
grok_numeric_radix()	NEED_grok_numeric_radix	NEED_grok_numeric_radix_GLOBAL
grok_oct()	NEED_grok_oct	NEED_grok_oct_GLOBAL
newCONSTSUB()	NEED_newCONSTSUB	NEED_newCONSTSUB_GLOBAL
newRV_noinc()	NEED_newRV_noinc	NEED_newRV_noinc_GLOBAL
sv_2pv_nolen()	NEED_sv_2pv_nolen	NEED_sv_2pv_nolen_GLOBAL
sv_2pvbyte()	NEED_sv_2pvbyte	NEED_sv_2pvbyte_GLOBAL
sv_catpvf_mg()	NEED_sv_catpvf_mg	NEED_sv_catpvf_mg_GLOBAL
sv_catpvf_mg_nocontext()	NEED_sv_catpvf_mg_nocontext	NEED_sv_catpvf_mg_nocontext_GLOBAL
sv_setpvf_mg()	NEED_sv_setpvf_mg	NEED_sv_setpvf_mg_GLOBAL
sv_setpvf_mg_nocontext()	NEED_sv_setpvf_mg_nocontext	NEED_sv_setpvf_mg_nocontext_GLOBAL
vnewSVpvf()	NEED_vnewSVpvf	NEED_vnewSVpvf_GLOBAL

To avoid namespace conflicts, you can change the namespace of the explicitly exported functions using the C<DPPP_NAMESPACE> macro. Just C<#define> the macro before including C<ppport.h>:

```
#define DPPP_NAMESPACE MyOwnNamespace_  
#include "ppport.h"
```

The default namespace is C<DPPP_>.

=back

The good thing is that most of the above can be checked by running F<ppport.h> on your source code. See the next section for details.

=head1 EXAMPLES

To verify whether `F<ppport.h>` is needed for your module, whether you should make any changes to your code, and whether any special defines should be used, `F<ppport.h>` can be run as a Perl script to check your source code. Simply say:

```
perl ppport.h
```

The result will usually be a list of patches suggesting changes that should at least be acceptable, if not necessarily the most efficient solution, or a fix for all possible problems.

If you know that your XS module uses features only available in newer Perl releases,
if you're aware that it uses C++ comments,
and if you want all suggestions as a single patch file, you could use something like this:

```
perl ppport.h --compat-version=5.6.0 --cplusplus --patch=test.diff
```

If you only want your code to be scanned without any suggestions for changes, use:

```
perl ppport.h --nochanges
```

You can specify a different `C<diff>` program or options, using the `C<--diff>` option:

```
perl ppport.h --diff='diff -C 10'
```

This would output context diffs with 10 lines of context.

To display portability information for the `C<newSVpvn>` function, use:

```
perl ppport.h --api-info=newSVpvn
```

Since the argument to `C<--api-info>` can be a regular expression, you can use

```
perl ppport.h --api-info=/_nomg$/
```

to display portability information for all `C<_nomg>` functions or

```
perl ppport.h --api-info=./
```

to display information for all known API elements.

=head1 BUGS

If this version of F<ppport.h> is causing failure during the compilation of this module, please check if newer versions of either this module or C<Devel::PPPport> are available on CPAN before sending a bug report.

If F<ppport.h> was generated using the latest version of C<Devel::PPPport> and is causing failure of this module, please file a bug report using the CPAN Request Tracker at L<<http://rt.cpan.org/>>.

Please include the following information:

=over 4

=item 1.

The complete output from running "perl -V"

=item 2.

This file.

=item 3.

The name and version of the module you were trying to build.

=item 4.

A full log of the build that failed.

=item 5.

Any other information that you think could be relevant.

=back

For the latest version of this code, please get the C<Devel::PPPport> module from CPAN.

=head1 COPYRIGHT

Version 3.x, Copyright (c) 2004-2005, Marcus Holland-Moritz.

Version 2.x, Copyright (C) 2001, Paul Marquess.

Version 1.x, Copyright (C) 1999, Kenneth Albanowski.

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=head1 SEE ALSO

See L<Devel::PPPort>.

=cut

use strict;

```
my %opt = (
    quiet    => 0,
    diag     => 1,
    hints    => 1,
    changes  => 1,
    cplusplus => 0,
    filter   => 1,
);
```

```
my($ppport) = $0 =~ /(w.+)/;
my $LF = '(\r\n|[\r\n])'; # line feed
my $HS = "[\t]";          # horizontal whitespace
```

```
eval {
    require Getopt::Long;
    Getopt::Long::GetOptions(\%opt, qw(
        help quiet diag! filter! hints! changes! cplusplus
        patch=s copy=s diff=s compat-version=s
        list-provided list-unsupported api-info=s
    )) or usage();
};
```

```
if ($@ and grep /^-/ , @ARGV) {
    usage() if "@ARGV" =~ /^--?h(?:elp)?$/;
    die "Getopt::Long not found. Please don't use any options.\n";
}
```

```
usage() if $opt{help};
```

```
if (exists $opt{'compat-version'}) {
    my($r,$v,$s) = eval { parse_version($opt{'compat-version'}) };
    if ($@) {
        die "Invalid version number format: '$opt{'compat-version'}'\n";
    }
    die "Only Perl 5 is supported\n" if $r != 5;
}
```

```

die "Invalid version number: $opt{'compat-version'}\n"
if $v >= 1000 || $s >= 1000;
$opt{'compat-version'} = sprintf "%d.%03d%03d", $r, $v, $s;
}
else {
$opt{'compat-version'} = 5;
}

```

```

# Never use C comments in this file!!!!

```

```

my $ccs = '/'. '*';
my $cce = '*'. '/';
my $rccs = quotemeta $ccs;
my $rcce = quotemeta $cce;

```

```

my %API = map { /^(w+)\|([^\|]*)\|([^\|]*)\|(w*)$/
    ? ( $1 => {
        ($2          ? ( base    => $2 ) : ()),
        ($3          ? ( todo    => $3 ) : ()),
        (index($4, 'v') >= 0 ? ( varargs => 1 ) : ()),
        (index($4, 'p') >= 0 ? ( provided => 1 ) : ()),
        (index($4, 'n') >= 0 ? ( nothxarg => 1 ) : ()),
    } )
    : die "invalid spec: $_" } qw(

```

```

AvFILLp|5.004050||p
AvFILL|||
CLASS|||n
CX_CURPAD_SAVE|||
CX_CURPAD_SV|||
CopFILEAV|5.006000||p
CopFILEGV_set|5.006000||p
CopFILEGV|5.006000||p
CopFILESV|5.006000||p
CopFILE_set|5.006000||p
CopFILE|5.006000||p
CopSTASHPV_set|5.006000||p
CopSTASHPV|5.006000||p
CopSTASH_eq|5.006000||p
CopSTASH_set|5.006000||p
CopSTASH|5.006000||p
CopyD|5.009002||p
Copy|||
CvPADLIST|||
CvSTASH|||
CvWEAKOUTSIDE|||
DEFSV|5.004050||p
END_EXTERN_C|5.005000||p
ENTER|||
ERRSV|5.004050||p

```

EXTEND|||
EXTERN_C|5.005000||p
FREETMPS|||
GIMME_V|5.004000|n
GIMME|||n
GROK_NUMERIC_RADIX|5.007002||p
G_ARRAY|||
G_DISCARD|||
G_EVAL|||
G_NOARGS|||
G_SCALAR|||
G_VOID|5.004000|
GetVars|||
GvSV|||
Gv_AMupdate|||
HEf_SVKEY|5.004000|
HeHASH|5.004000|
HeKEY|5.004000|
HeKLEN|5.004000|
HePV|5.004000|
HeSVKEY_force|5.004000|
HeSVKEY_set|5.004000|
HeSVKEY|5.004000|
HeVAL|5.004000|
HvNAME|||
INT2PTR|5.006000||p
IN_LOCALE_COMPILETIME|5.007002||p
IN_LOCALE_RUNTIME|5.007002||p
IN_LOCALE|5.007002||p
IN_PERL_COMPILETIME|5.008001||p
IS_NUMBER_GREATER_THAN_UV_MAX|5.007002||p
IS_NUMBER_INFINITY|5.007002||p
IS_NUMBER_IN_UV|5.007002||p
IS_NUMBER_NAN|5.007003||p
IS_NUMBER_NEG|5.007002||p
IS_NUMBER_NOT_INT|5.007002||p
IVSIZE|5.006000||p
IVTYPE|5.006000||p
IVdf|5.006000||p
LEAVE|||
LVRET|||
MARK|||
MY_CXT_CLONE|5.009002||p
MY_CXT_INIT|5.007003||p
MY_CXT|5.007003||p
MoveD|5.009002||p
Move|||
NEWSV|||

NOOP|5.005000||p
NUM2PTR|5.006000||p
NVTYPE|5.006000||p
NVef|5.006001||p
NVff|5.006001||p
NVgf|5.006001||p
Newc|||
Newz|||
New|||
Nullav|||
Nullch|||
Nullcv|||
Nullhv|||
Nullsv|||
ORIGMARK|||
PAD_BASE_SV|||
PAD_CLONE_VARS|||
PAD_COMPNAME_FLAGS|||
PAD_COMPNAME_GEN_set|||
PAD_COMPNAME_GEN|||
PAD_COMPNAME_OURSTASH|||
PAD_COMPNAME_PV|||
PAD_COMPNAME_TYPE|||
PAD_RESTORE_LOCAL|||
PAD_SAVE_LOCAL|||
PAD_SAVE_SETNULLPAD|||
PAD_SETSV|||
PAD_SET_CUR_NOSAVE|||
PAD_SET_CUR|||
PAD_SV1|||
PAD_SV|||
PERL_BCDVERSION|5.009003||p
PERL_GCC_BRACE_GROUPS_FORBIDDEN|5.008001||p
PERL_INT_MAX|5.004000||p
PERL_INT_MIN|5.004000||p
PERL_LONG_MAX|5.004000||p
PERL_LONG_MIN|5.004000||p
PERL_MAGIC_arylen|5.007002||p
PERL_MAGIC_backref|5.007002||p
PERL_MAGIC_bm|5.007002||p
PERL_MAGIC_collxfrm|5.007002||p
PERL_MAGIC_dbfile|5.007002||p
PERL_MAGIC_dbline|5.007002||p
PERL_MAGIC_defelem|5.007002||p
PERL_MAGIC_envelem|5.007002||p
PERL_MAGIC_env|5.007002||p
PERL_MAGIC_ext|5.007002||p
PERL_MAGIC_fm|5.007002||p

PERL_MAGIC_glob|5.007002||p
PERL_MAGIC_isaelem|5.007002||p
PERL_MAGIC_isa|5.007002||p
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yylex||
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yywarn||
);

```

if
(exists $opt{'list-unsupported'}) {
my $f;
for $f (sort { lc $a cmp lc $b } keys %API) {
    next unless $API{$f}{todo};
    print "$f ", 'x'(40-length($f)), " ", format_version($API{$f}{todo}), "\n";
}
exit 0;
}

# Scan for possible replacement candidates

my(%replace, %need, %hints, %depends);
my $replace = 0;
my $hint = "";

while (<DATA>) {
    if ($hint) {
        if (m{^\s*\s*(.*?)\s*$})
        {
            $hints{$hint} ||= ""; # suppress warning with older perls
            $hints{$hint} .= "$1\n";
        }
        else {
            $hint = "";
        }
    }
    $hint = $1 if m{^\s*$rccs\sHint:\s+(\w+)\s*$};

    $replace = $1 if m{^\s*$rccs\s+Replace:\s+(\d+)\s+$rccs\s*$};
    $replace{$2} = $1 if $replace and m{^\s*#\s*define\s+(\w+)(?:\s*([^\s]*)?)?\s+(\w+)};
    $replace{$2} = $1 if m{^\s*#\s*define\s+(\w+)(?:\s*([^\s]*)?)?\s+(\w+).*rccs\s+Replace\s+$rccs};
    $replace{$1} = $2 if m{^\s*$rccs\s+Replace (\w+) with (\w+)\s+$rccs\s*$};

    if (m{^\s*$rccs\s+(\w+)\s+depends\s+on\s+(\w+(\s*,\s*\w+)*)\s+$rccs\s*$}) {
        push @{$depends{$1}}, map { s/\s+//g; $_ } split /,/, $2;
    }

    $need{$1} = 1 if m{^#\s+defined\((NEED_(\w+))(?:\s*_GLOBAL)?\)};
}

if (exists $opt{'api-info'}) {
my $f;
my $count = 0;
my $match = $opt{'api-info'} =~ m!^(.*)/$! ? $1 : "\Q$opt{'api-info'}\E\$";
for $f (sort { lc $a cmp lc $b } keys %API) {
    next unless $f =~ /$match/;
    print "\n=== $f ===\n\n";
}

```

```

my $info
= 0;
if ($API{$f}{base} || $API{$f}{todo}) {
    my $base = format_version($API{$f}{base} || $API{$f}{todo});
    print "Supported at least starting from perl-$base.\n";
    $info++;
}
if ($API{$f}{provided}) {
    my $todo = $API{$f}{todo} ? format_version($API{$f}{todo}) : "5.003";
    print "Support by $ppport provided back to perl-$todo.\n";
    print "Support needs to be explicitly requested by NEED_$.f.\n" if exists $need{$f};
    print "Depends on: ", join(' ', @{$depends{$f}}), ".\n" if exists $depends{$f};
    print "$hints{$f}" if exists $hints{$f};
    $info++;
}
unless ($info) {
    print "No portability information available.\n";
}
$count++;
}
if ($count > 0) {
    print "\n";
}
else {
    print "Found no API matching '$opt{api-info}'.\n";
}
exit 0;
}

if (exists $opt{'list-provided'}) {
    my $f;
    for $f (sort { lc $a cmp lc $b } keys %API) {
        next unless $API{$f}{provided};
        my @flags;
        push @flags,
        'explicit' if exists $need{$f};
        push @flags, 'depend' if exists $depends{$f};
        push @flags, 'hint' if exists $hints{$f};
        my $flags = @flags ? ' [' . join(' ', @flags) . ']' : '';
        print "$f$flags\n";
    }
    exit 0;
}

my @files;
my @srcext = qw( xs c h cc cpp );
my $srcext = join '|', @srcext;

```

```

if (@ARGV) {
    my %seen;
    @files = grep { -f && !exists $seen{$_} } map { glob $_ } @ARGV;
}
else {
    eval {
        require File::Find;
        File::Find::find(sub {
            $File::Find::name =~ /\.$srcext$/i
            and push @files, $File::Find::name;
        }, '.');
    };
    if ($?) {
        @files = map { glob ".*$_" } @srcext;
    }
}

if (!@ARGV || $opt{filter}) {
    my(@in, @out);
    my %xsc = map { /(.*).xs$/ ? ("1.c" => 1, "1.cc" => 1) : () } @files;
    for (@files) {
        my $out = exists $xsc{$_} || /\bQ$ppport\E$/i || /\.$srcext$/i;
        push @{$out ? \@out : \@in }, $_;
    }
    if (@ARGV && @out) {
        warning("Skipping the following files (use --nofilter to avoid this):\n| ",
        join "\n| ", @out);
    }
    @files = @in;
}

unless (@files) {
    die "No input files given!\n";
}

my(%files, %global, %revreplace);
%revreplace = reverse %replace;
my $filename;
my $patch_opened = 0;

for $filename (@files) {
    unless (open IN, "<$filename") {
        warn "Unable to read from $filename: $!\n";
        next;
    }

    info("Scanning $filename ...");
}

```

```

my $c = do { local $/; <IN> };
close IN;

my %file = (orig => $c, changes => 0);

# temporarily remove C comments from the code
my @ccom;
$c =~ s{
  (
    [^"/]+
    |
    (?:"[^"\\"]*(?:\\.[^"\\"])*" [^"/]*)+
    |
    (?:'[^'\\"]*(?:\\.[^'\\"])*' [^"/]*)+
  )
  |
  ( /(?:
    \*[^\*]*\*+(?:\[^\sccs][^\*]*\*+)* /
    |
    /\r\n)*
  ))
}{
  defined $2 and push @ccom, $2;
  defined $1 ? $1 : "$ccs$#ccom$ccce";
}egsx;

$file{ccom} = \@ccom;
$file{code} = $c;
$file{has_inc_ppport} = ($c =~ /#.include.*\Q$ppport\E/);

my $func;

for $func (keys %API) {
  my $match = $func;
  $match .= "|$revreplace{$func}" if exists $revreplace{$func};
  if ($c =~ /\b(?:Perl_)?($match)\b/) {
    $file{uses_replace}{$1}++ if exists $revreplace{$func} && $1 eq $revreplace{$func};
    $file{uses_Perl}{$func}++ if $c =~ /\bPerl_$func\b/;
    if (exists $API{$func}{provided}) {
      if (!exists $API{$func}{base} || $API{$func}{base} > $opt{'compat-version'}) {
        $file{uses}{$func}++;
        my @deps = rec_depend($func);
        if (@deps) {
          $file{uses_deps}{$func} = \@deps;
          for (@deps) {
            $file{uses}{$_} = 0 unless exists $file{uses}{$_};
          }
        }
      }
    }
  }
}

```



```

    for ($func, @deps) {
        if (exists $need{$_}) {
            $file{needs}{$_} = 'static';
        }
    }
}
}
if (exists $API{$func}{todo} && $API{$func}{todo} > $opt{'compat-version'}) {
    if ($c =~ /\b$func\b/) {
        $file{uses_todo}{$func}++;
    }
}
}
}
}

```

```

while ($c =~
/^$HS*#$HS*define$HS+(NEED_(\w+?)(_GLOBAL)?)\b/mg) {
    if (exists $need{$2}) {
        $file{defined $3 ? 'needed_global' : 'needed_static'}{$2}++;
    }
    else {
        warning("Possibly wrong #define $1 in $filename");
    }
}

```

```

for (qw(uses needs uses_todo needed_global needed_static)) {
    for $func (keys %{ $file{$_} }) {
        push @{$global{$_}{$func}}, $filename;
    }
}

```

```

$files{$filename} = \%file;
}

```

```

# Globally resolve NEED_'s
my $need;
for $need (keys %{ $global{needs} }) {
    if (@{ $global{needs}{$need} } > 1) {
        my @targets = @{ $global{needs}{$need} };
        my @t = grep $files{$_}{needed_global}{$need}, @targets;
        @targets = @t if @t;
        @t = grep /\.xs$/i, @targets;
        @targets = @t if @t;
        my $target = shift @targets;
        $files{$target}{needs}{$need} = 'global';
        for (@{ $global{needs}{$need} }) {
            $files{$_}{needs}{$need} = 'extern' if $_ ne $target;
        }
    }
}

```

```

}
}

for $filename (@files) {
    exists $files{$filename} or next;

    info("=== Analyzing $filename
    ===");

    my %file = %{$files{$filename}};
    my $func;
    my $c = $file{code};

    for $func (sort keys %{$file{uses_Perl}}) {
        if ($API{$func}{varargs}) {
            my $changes = ($c =~ s{\b(Perl_$func\s*(\s*)(?!aTHX_?)(\)|[\^s])*)}
                { $1 . ($2 eq ') ? 'aTHX' : 'aTHX_ ' ) . $2 }ge);
            if ($changes) {
                warning("Doesn't pass interpreter argument aTHX to Perl_$func");
                $file{changes} += $changes;
            }
        }
        else {
            warning("Uses Perl_$func instead of $func");
            $file{changes} += ($c =~ s{\bPerl_$func(\s*)((\s*aTHX_?)?\s*}
                {$func$1}{g});
        }
    }

    for $func (sort keys %{$file{uses_replace}}) {
        warning("Uses $func instead of $replace{$func}");
        $file{changes} += ($c =~ s/\b$func\b/$replace{$func}/g);
    }

    for $func (sort keys %{$file{uses}}) {
        next unless $file{uses}{$func}; # if it's only a dependency
        if (exists $file{uses_deps}{$func}) {
            diag("Uses $func, which
            depends on ", join(', ', @{$file{uses_deps}{$func}}));
        }
        elsif (exists $replace{$func}) {
            warning("Uses $func instead of $replace{$func}");
            $file{changes} += ($c =~ s/\b$func\b/$replace{$func}/g);
        }
        else {
            diag("Uses $func");
        }
    }
    hint($func);
}

```

```

}

for $func (sort keys %{$file{uses_todo}}) {
    warning("Uses $func, which may not be portable below perl ",
        format_version($API{$func}{todo}));
}

for $func (sort keys %{$file{needed_static}}) {
    my $message = "";
    if (not exists $file{uses}{$func}) {
        $message = "No need to define NEED_$func if $func is never used";
    }
    elsif (exists $file{needs}{$func} && $file{needs}{$func} ne 'static') {
        $message = "No need to define NEED_$func when already needed globally";
    }
    if ($message) {
        diag($message);
        $file{changes} += ($c =~ s/^\$HS*#\$HS*define\$HS+NEED_$func\b.*$LF//mg);
    }
}

for $func (sort keys %{$file{needed_global}}) {
    my $message =
";
    if (not exists $global{uses}{$func}) {
        $message = "No need to define NEED_${func}_GLOBAL if $func is never used";
    }
    elsif (exists $file{needs}{$func}) {
        if ($file{needs}{$func} eq 'extern') {
            $message = "No need to define NEED_${func}_GLOBAL when already needed globally";
        }
        elsif ($file{needs}{$func} eq 'static') {
            $message = "No need to define NEED_${func}_GLOBAL when only used in this file";
        }
    }
    if ($message) {
        diag($message);
        $file{changes} += ($c =~ s/^\$HS*#\$HS*define\$HS+NEED_${func}_GLOBAL\b.*$LF//mg);
    }
}

$file{needs_inc_ppport} = keys %{$file{uses}};

if ($file{needs_inc_ppport}) {
    my $pp = "";

    for $func (sort keys %{$file{needs}}) {
        my $type = $file{needs}{$func};

```

```

next if $type eq 'extern';
my $suffix = $type eq 'global' ? '_GLOBAL' : '';
unless (exists $file{"needed_$type"}{$func}) {
    if ($type eq 'global') {
        diag("Files [@{$global{needs}}{$func}]
need $func, adding global request");
    }
    else {
        diag("File needs $func, adding static request");
    }
    $pp .= "#define NEED_$func$suffix\n";
}
}

if ($pp && ($c =~ s/^(?=$HS*#$HS*define$HS+NEED_\w+)/$pp/m)) {
    $pp = "";
    $file{changes}++;
}

unless ($file{has_inc_ppport}) {
    diag("Needs to include 'ppport'");
    $pp .= qq(#include "ppport"\n)
}

if ($pp) {
    $file{changes} += ($c =~ s/^(($HS*#$HS*define$HS+NEED_\w+.*?)/$1$pp/ms)
        || ($c =~ s/^(?=$HS*#$HS*include.*\Q$ppport\E)/$pp/m)
        || ($c =~ s/^(($HS*#$HS*include.*XSUB.*\s*?)/$1$pp/m)
        || ($c =~ s/^/$pp/);
}
}

else {
    if ($file{has_inc_ppport}) {
        diag("No need to include 'ppport'");
        $file{changes} += ($c =~ s/^(($HS*?#$HS*include.*\Q$ppport\E.*?)$LF//m);
    }
}

# put back in our C comments
my $ix;
my $cppc = 0;
my @ccom = @{$file{ccom}};
for
$ix (0 .. $#ccom) {
    if (!$opt{cplusplus} && $ccom[$ix] =~ s!/!!) {
        $cppc++;
        $file{changes} += $c =~ s/$rccs$ix$rcce/$ccs$ccom[$ix] $cce/;
    }
}

```

```

else {
    $c =~ s/$rccs$ix$rcce/$ccom[$ix]/;
}
}

if ($cppc) {
    my $s = $cppc != 1 ? 's' : '';
    warning("Uses $cppc C++ style comment$s, which is not portable");
}

if ($file{changes}) {
    if (exists $opt{copy}) {
        my $newfile = "$filename$opt{copy}";
        if (-e $newfile) {
            error("' $newfile' already exists, refusing to write copy of '$filename'");
        }
        else {
            local *F;
            if (open F, ">$newfile") {
                info("Writing copy of '$filename' with changes to '$newfile'");
                print F $c;
                close F;
            }
            else {
                error("Cannot open '$newfile' for writing: $!");
            }
        }
    }
    elsif (exists $opt{patch} || $opt{changes}) {
        if (exists $opt{patch}) {
            unless ($patch_opened) {
                if (open PATCH, ">$opt{patch}")
                {
                    $patch_opened = 1;
                }
                else {
                    error("Cannot open '$opt{patch}' for writing: $!");
                    delete $opt{patch};
                    $opt{changes} = 1;
                    goto fallback;
                }
            }
            mydiff(\*PATCH, $filename, $c);
        }
        else {
            fallback:
            info("Suggested changes:");
            mydiff(\*STDOUT, $filename, $c);
        }
    }
}

```

```

    }
}
else {
    my $s = $file{changes} == 1 ? " : 's';
    info("$file{changes} potentially required change$s detected");
}
}
else {
    info("Looks good");
}
}

close PATCH if $patch_opened;

exit 0;

sub mydiff
{
    local *F = shift;
    my($file, $str) = @_ ;
    my $diff;

    if (exists $opt{diff}) {
        $diff = run_diff($opt{diff}, $file, $str);
    }

    if (!defined $diff and can_use('Text::Diff')) {
        $diff = Text::Diff::diff($file, \$str, { STYLE => 'Unified' });
        $diff = <<HEADER . $diff;
        --- $file
        +++ $file.patched
        HEADER
    }

    if (!defined $diff) {
        $diff =
        run_diff('diff -u', $file, $str);
    }

    if (!defined $diff) {
        $diff = run_diff('diff', $file, $str);
    }

    if (!defined $diff) {
        error("Cannot generate a diff. Please install Text::Diff or use --copy.");
        return;
    }
}

```

```

print F $diff;

}

sub run_diff
{
    my($prog, $file, $str) = @_;
    my $tmp = 'dppptemp';
    my $suf = 'aaa';
    my $diff = "";
    local *F;

    while (-e "$tmp.$suf") { $suf++ }
    $tmp = "$tmp.$suf";

    if (open F, ">$tmp") {
        print F $str;
        close F;

        if (open F, "$prog $file $tmp |") {
            while (<F>) {
                s/^Q$tmp\E/$file.patched/;
                $diff .= $_;
            }
            close F;
            unlink $tmp;
            return $diff;
        }

        unlink $tmp;
    }
    else {
        error("Cannot open '$tmp' for writing: $!");
    }

    return undef;
}

sub can_use
{
    eval "use @_;";
    return $$ eq "";
}

sub rec_depend
{
    my $func = shift;

```

```

my %seen;
return () unless exists $depends{$func};
grep !$seen{$_}++, map { ($_, rec_depend($_)) } @{$depends{$func}};
}

```

```

sub parse_version
{
    my $ver = shift;

    if ($ver =~ /^(\d+)\.(\d+)\.(\d+)$/) {
        return ($1, $2, $3);
    }
    elsif ($ver !~ /^(\d+)\.(\d_)+$/) {
        die "cannot parse version '$ver'\n";
    }
}

```

```

$ver =~ s/_//g;
$ver =~ s/$/000000/;

```

```

my($r,$v,$s) = $ver =~ /(\d+)\.(\d{3})(\d{3})/;

```

```

$v = int $v;
$s = int $s;

```

```

if ($r < 5 || ($r == 5 && $v < 6)) {
    if ($s % 10) {
        die "cannot parse version '$ver'\n";
    }
}

```

```

return ($r, $v, $s);
}

```

```

sub format_version
{
    my $ver = shift;

```

```

$ver =~ s/$/000000/;
my($r,$v,$s) = $ver =~ /(\d+)\.(\d{3})(\d{3})/;

```

```

$v = int $v;
$s = int $s;

```

```

if ($r < 5 || ($r == 5 && $v < 6)) {
    if ($s % 10) {
        die "invalid version '$ver'\n";
    }
    $s /= 10;
}

```



```

$ver = sprintf "%d.%03d", $r, $v;
$S > 0 and $ver .= sprintf "_%02d", $S;

return $ver;
}

return sprintf "%d.%d.%d", $r, $v, $S;
}

sub info
{
    $opt{quiet} and return;
    print @_, "\n";
}

sub diag
{
    $opt{quiet} and return;
    $opt{diag} and print @_, "\n";
}

sub warning
{
    $opt{quiet} and return;
    print "**** ", @_, "\n";
}

sub error
{
    print "**** ERROR: ", @_, "\n";
}

my %given_hints;
sub hint
{
    $opt{quiet} and return;
    $opt{hints} or return;
    my $func = shift;
    exists $hints{$func} or return;
    $given_hints{$func}++ and return;
    my $hint = $hints{$func};
    $hint =~ s/^/ /mg;
    print " --- hint for $func ---\n", $hint;
}

sub usage
{

```

```
my($usage) = do { local(@ARGV,$/)=($0); <> } =~ /^=head\d$HS+SYNOPSIS\s*(.*)\s*^=/ms;
my %M = ( 'I' => '*' );
$usage =~ s/^\s*perl\s+\S+/$^X $0/;
$usage =~ s/([A-Z])<([>]+)>/$M{$1}$2$M{$1}/g;
```

```
print <<ENDUSAGE;
```

Usage: \$usage

See perldoc \$0 for details.

ENDUSAGE

```
exit 2;
}
```

```
__DATA__
*/
```

Found in path(s):

* /libalgorithm-diff-xs-perl-0-04-orig-tar-gz/Algorithm-Diff-XS-0.04/ppport.h

1.198 diffutils 3.3-3

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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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```

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1.200 e2fsprogs 1.44.1-1ubuntu1.3

1.200.1 Available under license :

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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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Follows the GNU license.

Gadi Oxman, August 1995

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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 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)
```

This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Theodore Ts'o
23-June-2007

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#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdfplib.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
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src/tools/apinames.c
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Files:

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include/bsd/unistd.h
src/bsd_getopt.c
src/err.c
src/fgetln.c
src/progname.c

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include/bsd/sys/queue.h
include/bsd/timeconv.h
include/bsd/vis.h
man/bitstring.3
man/explicit_bzero.3
man/fgetln.3
man/fgetwln.3
man/funopen.3bsd
man/getbsize.3
man/heapsort.3
man/nlist.3
man/queue.3bsd
man/radixsort.3
man/reallocarray.3
man/reallocf.3
man/setmode.3
man/strmode.3
man/strnstr.3
man/unvis.3
man/vis.3
man/wcsncpy.3
src/getbsize.c

src/heapsort.c

src/merge.c

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man/fmtcheck.3

man/humanize_number.3

man/stringlist.3

src/fmtcheck.c

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src/stringlist.c

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man/flopen.3
man/getpeereid.3
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src/hash/sha512.h
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include/bsd/readpassphrase.h

man/readpassphrase.3

man/strlcpy.3

man/strtonum.3

src/arc4random.c

src/arc4random_openbsd.h

src/arc4random_uniform.c

src/arc4random_unix.h

src/closefrom.c

src/getentropy_aix.c

src/getentropy_bsd.c
src/getentropy_hpux.c
src/getentropy_hurd.c
src/getentropy_linux.c
src/getentropy_osx.c
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src/hash/md5.c

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1.204 systemd 237-3ubuntu10.38

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1.205 zlib 1.2.8.dfsg-2ubuntu4.3

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.8, April 28th, 2013

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jloup@gzip.org madler@alumni.caltech.edu

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*/

1.206 libidn 2.0.4-1.1build2

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1.210 cpp 8.4.0-1ubuntu1~18.04

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

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@node Copying

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@center Version 3, 29 June 2007

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language

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[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

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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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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

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

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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

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- c. If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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1.212 kerberos 1.16-2ubuntu0.1

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cmd/krb5/kadmin/server/ipropd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
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
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lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
```

lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g_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/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
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1.214 e2fsprogs 1.42.13-1ubuntu1.2

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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```
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```
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```

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

That's all there is to it!

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

all:: image

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

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

image: \$(BSD_LIB)

```
$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS) $(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)
```

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
[tsx-11.mit.edu:/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu/pub/linux/packages/ext2fs/)

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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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>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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Files: */colors.*
Copyright: 2012 Ondrej Oprala <ooprala@redhat.com>
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login-utils/setpwnam.c
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/match.

lib/canonicalize.c

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Files: include/list.h

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Files: libblkid/*

libblkid/src/*

libblkid/samples/*

libblkid/src/partitions/*

libblkid/src/superblocks/*

libblkid/src/topology/*

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Initialize empty image

f1c9645dbc14efddc7d8a322685f26eb bsd.img

Create new DOS partition table

57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Create 1st primary partition

ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Device Boot Start End Sectors Size Id Type

<removed>1 2048 4095 2048 1M 83 Linux

Create 2st primary partition

1bebf87248e05d6e4e62b749da65d023 bsd.img

Set 2nd partition type

2d8e8dff51a88a045db233418dd73fbe

bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Device	Boot	Start	End	Sectors	Size	Id	Type

<removed>1		2048	4095	2048	1M	83	Linux

<removed>2		4096	20479	16384	8M	a5	FreeBSD

Create default BSD

2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel

type: bsd

	Slice	Start	End	Sectors	Size	Type	Fsize	Bsize	Cpg

c		4096	20479	16384	8M	unused	0	0	0

d		0	16064	16065	7.9M	unused	0	0	0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: bsd

Slice	Start	End	Sectors	Size	Type	Fsize	Bsize	Cpg

a	4096	6144	2049	1M	4.2BSD	0	0	0

c	4096							

	20479	16384	8M	unused		0	0	0

d	0	16064	16065	7.9M	unused	0	0	0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0	unused	5	4.1BSD	9	4.4LFS	d	boot

1	swap	6	Eighth Edition	a	unknown	e	ADOS

2	Version 6	7	4.2BSD	b	HPFS	f	HFS

3	Version 7	8	MS-DOS	c	ISO-9660	10	AdvFS

4	System V						

Command (m for help):

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1.218 openssh 7.2p2-4ubuntu2.10

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- *

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=====

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>
Upstream-Name: XZ Utils
Upstream-Contact:

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<http://tukaani.org/xz/lists.html>

Source:

<http://tukaani.org/xz>

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Comment:

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From: Lasse Collin <lasse.collin@tukaani.org>

To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

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[...]

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,
visibility.m4 serial 1 (gettext-0.15),
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```

```
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=====

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1.223 libpcap 1.8.1-6ubuntu1.18.04.2

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```
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```

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```
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```

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1.227 nghttp2 1.30.0-1ubuntu1

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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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1.228 libgpg-error 1.21-2ubuntu1

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1.229 java-common 0.63ubuntu1~02

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1.230 procps 3.3.12-3ubuntu1.1

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any

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1.231 libx11 1.6.4-3ubuntu0.1

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1.232 logrus 1.7.0

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1.233 golang-snappy 0.0.2

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1.234 perl 5.22.1-9ubuntu0.9

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1.235 go-toml 1.8.1

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1.236 libmnl 1.0.3-5

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1.239 mpclib 1.0.3-1

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1.245 libpkit 0.23.2-5~ubuntu16.04.2

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common/pkcs11i.h
common/test-constants.c common/test-hash.c
p11-kit/pkcs11.h p11-kit/test-managed.c p11-kit/test-modules.c
trust/builder.c
trust/builder.h trust/digest.h trust/module.c trust/module.h trust/pem.c
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trust/session.c trust/session.h trust/frob-cert.c
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trust/test-digest.c trust/test-enumerate.c
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1.247 libusb-compat 0.1.12-28

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1.248 zlib 1.2.8

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1.249 selinux 2.4-3build2

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1.250 selinux 2.7-2build2

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This package was debianized by Colin Walters <walters@debian.org> on Thu, 3 Jul 2003 17:10:57 -0400.

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

1.251 apt 1.6.8

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1.252 bzip2 1.0.6-8.1

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

1.253 audit 2.8.2-1ubuntu1.1

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Initialize empty image

f1c9645dbc14efddc7d8a322685f26eb bsd.img

Create new DOS partition table

57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Create 1st primary partition

ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Device	Boot	Start	End	Sectors	Size	Id	Type

<removed>1		2048	4095	2048	1M	83	Linux

Create 2st primary partition

1bebf87248e05d6e4e62b749da65d023 bsd.img

Set 2nd partition type

2d8e8dff51a88a045db233418dd73fbe

bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Device	Boot	Start	End	Sectors	Size	Id	Type

<removed>1		2048	4095	2048	1M	83	Linux

<removed>2		4096	20479	16384	8M	a5	FreeBSD

Create default BSD

2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel

type: bsd

Slice	Start	End	Sectors	Size	Type	Fsize	Bsize	Cpg

c	4096	20479	16384	8M	unused	0	0	0

d	0	16064	16065	7.9M	unused	0	0	0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: BSD

	Slice	Start	End	Sectors	Size	Type	Fsize	Bsize	Cpg
a	4096	6144	2049	1M	4.2BSD	0	0	0	
c	4096								
	20479	16384	8M	unused	0	0	0		
d	0	16064	16065	7.9M	unused	0	0	0	

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0	unused	5	4.1BSD	9	4.4LFS	d	boot
1	swap	6	Eighth Edition	a	unknown	e	ADOS
2	Version 6	7	4.2BSD	b	HPFS	f	HFS
3	Version 7	8	MS-DOS	c	ISO-9660	10	AdvFS
4	System V						

Command (m for help):

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1.256 go-ldap.v2 v2.5.1

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1.258 x-sys master

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1.259 go-ping master

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1.260 jaeger-client-go v2.22.1

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1.261 zipkin-go-opentracing v0.3.4

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1.262 redis-go 6.15.1

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1.264 gorilla-mux v1.7.2

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1.265 h2c master

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1.266 go-ldap-client v0.0.3

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1.267 mongo-go-driver 0.2.0

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1.270 go-errors-errors v1.0.2

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jar/org/springframework/beans/factory/serviceloader/ServiceListFactoryBean.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyAccessorFactory.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/MergedBeanDefinitionPostProcessor.java
*
/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/BeanExpressionResolver.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/access/el/SimpleSpringBeanELResolver.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/annotation/CustomAutowireConfigurer.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/MapFactoryBean.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/parsing/CompositeComponentDefinition.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/SetFactoryBean.java
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- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/PropertiesFactoryBean.java
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- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/GenericTypeAwarePropertyDescriptor.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/annotation/BeanFactoryAnnotationUtils.java
- *
- /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/BeanFactoryUtils.java
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jar/org/springframework/beans/factory/config/PropertyPlaceholderConfigurer.java
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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/annotation/Qualifier.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/Aware.java
*
/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/BeanDefinitionParser.java
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jar/org/springframework/beans/factory/config/ConstructorArgumentValues.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/TypedStringValue.java
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jar/org/springframework/beans/factory/config/PlaceholderConfigurerSupport.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/ChildBeanDefinition.java
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jar/org/springframework/beans/factory/support/PropertiesBeanDefinitionReader.java
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jar/org/springframework/beans/factory/annotation/AnnotatedGenericBeanDefinition.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/support/ResourceEditorRegistrar.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/ServiceLocatorFactoryBean.java
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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/DependencyDescriptor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/BeanInfoFactory.java
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jar/org/springframework/beans/factory/xml/XmlBeanDefinitionReader.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/SimpleTypeConverter.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/wiring/BeanConfigurerSupport.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/NoUniqueBeanDefinitionException.java
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- /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/BeanDefinitionParserDelegate.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/SimpleConstructorNamespaceHandler.java
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- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/BeanDefinitionValueResolver.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/DisposableBeanAdapter.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/ExtendedBeanInfo.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/MutablePropertyValues.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/StaticListableBeanFactory.java
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- /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/AbstractBeanDefinition.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/ResourceBundleEditor.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/MethodOverride.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/TypeConverterDelegate.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/access/el/SpringBeanELResolver.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/GenericBeanDefinition.java
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- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/BeanWrapperImpl.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/BeanDefinitionDocumentReader.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/AbstractAutowiredCapableBeanFactory.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/ConstructorResolver.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/annotation/AutowiredAnnotationBeanPostProcessor.java
- * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/annotation/AutowiredAnnotationBeanPostProcessor.java

jar/org/springframework/beans/factory/support/DefaultListableBeanFactory.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/BeanFactory.java
*
/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/xml/DefaultBeanDefinitionDocumentReader.java
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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/ReaderContext.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyValuesEditor.java
*
/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/DefaultBeanNameGenerator.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/annotation/AnnotationBeanWiringInfoResolver.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/BeanNameGenerator.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/DefaultsDefinition.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/wiring/ClassNameBeanWiringInfoResolver.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/serviceloader/ServiceFactoryBean.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/XmlReaderContext.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/serviceloader/ServiceLoaderFactoryBean.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/DefaultDocumentLoader.java
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jar/org/springframework/beans/factory/serviceloader/AbstractServiceLoaderBasedFactoryBean.java

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jar/org/springframework/beans/factory/config/BeanExpressionContext.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/ConfigurablePropertyAccessor.java
*
/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/NamespaceHandlerSupport.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/ParserContext.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/InstantiationAwareBeanPostProcessorAdapter.java
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*/

Found in path(s):

* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/wiring/BeanWiringInfoResolver.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/LocaleEditor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/InputStreamEditor.java
*
/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/HierarchicalBeanFactory.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/ManagedProperties.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/SecurityContextProvider.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/Location.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyAccessorUtils.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/ConversionNotSupportedException.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/ConstructorArgumentEntry.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/SourceExtractor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/InvalidPropertyException.java
*

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/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/BeanPostProcessor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/wiring/BeanWiringInfo.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/propertyeditors/CustomCollectionEditor.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/RuntimeBeanNameReference.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/parsing/BeanDefinitionParsingException.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyValue.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/BeanDefinitionReaderUtils.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/ConfigurableListableBeanFactory.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/PropertyPathFactoryBean.java
*
/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyEditorRegistrySupport.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/InstantiationStrategy.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/access/BootstrapException.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/SingletonBeanRegistry.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/AutowireCapableBeanFactory.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/MethodInvocationException.java
* /spring-beans-3-2-17-release-sources-2-
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* /spring-beans-3-2-17-release-sources-2-
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*
/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/CannotLoadBeanClassException.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/BeansDtdResolver.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/xml/AbstractSimpleBeanDefinitionParser.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/SmartInstantiationAwareBeanPostProcessor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/CharsetEditor.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/xml/AbstractBeanDefinitionParser.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/CustomEditorConfigurer.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/CustomDateEditor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/ClassEditor.java
*
/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyAccessException.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/BeanDefinitionDefaults.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/access/BeanFactoryLocator.java

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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyValues.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/Scope.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/Problem.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/ClassArrayEditor.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/DefaultNamespaceHandlerResolver.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/TypeConverterSupport.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/SimplePropertyNamespaceHandler.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/NullValueInNestedPathException.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/StringTrimmerEditor.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/support/MutableSortDefinition.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/ComponentDefinition.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/BeanDefinitionStoreException.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/CharacterEditor.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/FactoryBeanNotInitializedException.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/BeanIsAbstractException.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/DirectFieldAccessor.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/MethodOverrides.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/AliasDefinition.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/DocumentDefaultsDefinition.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/BeanIsNotAFactoryException.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/InputSourceEditor.java
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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/DisposableBean.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/parsing/PassThroughSourceExtractor.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/AutowireCandidateQualifier.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/SimpleBeanDefinitionRegistry.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/QualifierEntry.java
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*
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jar/org/springframework/beans/factory/BeanCurrentlyInCreationException.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/BeanMetadataElement.java
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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyEditorRegistrar.java
* /spring-beans-3-2-17-release-sources-2-
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/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/MethodInvokingFactoryBean.java
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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/DocumentLoader.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/URIEditor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/InitializingBean.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyBatchUpdateException.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/BeanDefinitionResource.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/xml/NamespaceHandlerResolver.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyEditorRegistry.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/ManagedSet.java
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/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/NotWritablePropertyException.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/AbstractPropertyAccessor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/FatalBeanException.java

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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/UIEditor.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/ManagedList.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/ProblemReporter.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/PluggableSchemaResolver.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/MethodReplacer.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/BeanDefinitionRegistry.java
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 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/ProviderCreatingFactoryBean.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyAccessor.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/CustomMapEditor.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/annotation/Autowired.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/ManagedArray.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/PropertyOverrideConfigurer.java
 * /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/support/SortDefinition.java

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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/UtilNamespaceHandler.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/support/PropertyComparator.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/ParseState.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/annotation/Configurable.java
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* /spring-beans-3-2-17-release-sources-2-
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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/TimeZoneEditor.java
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* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/AbstractFactoryBean.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/CurrencyEditor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/FileEditor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/NotReadablePropertyException.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/annotation/AnnotationBeanUtils.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/config/BeanDefinition.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/NullSourceExtractor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/BeanCreationException.java
*
/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/ManagedMap.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/ObjectFactoryCreatingFactoryBean.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/access/SingletonBeanFactoryLocator.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/BeanMetadataAttribute.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/propertyeditors/PropertiesEditor.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/SmartFactoryBean.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/TypeMismatchException.java
* /spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/Mergeable.java
* /spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/BeanReferenceFactoryBean.java

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1.280 zap 1.16.0

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1.281 libalgorithm-diff-perl 1.19.03-1

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```
#!/usr/bin/perl -w
#
# `Diff' program in Perl
# Copyright 1998 M-J. Dominus. (mjd-perl-diff@plover.com)
#
# This program is free software; you can redistribute it and/or modify it
# under the same terms as Perl itself.
#
# Altered to output in `context diff' format (but without context)
```

```
# September 1998 Christian Murphy (cpm@muc.de)
#
# Command-line arguments and context lines feature added
# September 1998 Amir D. Karger (karger@bead.aecom.yu.edu)
#
# In this file, "item" usually means "line of text", and "item number" usually
# means "line number". But theoretically the code could be used more generally
use strict;
```

```
use Algorithm::Diff qw(diff);
use File::stat;
use vars qw($opt_C $opt_c $opt_u $opt_U);
use Getopt::Std;

my $usage = << "ENDUSAGE";
Usage: $0 [{-c | -u}] [{-C | -U} lines] oldfile newfile
  -c will do a context diff with 3 lines of context
  -C will do a context diff with 'lines' lines of context
  -u will do a unified diff with 3 lines of context
  -U will do a unified diff with 'lines' lines of context
ENDUSAGE
```

```
getopts('U:C:cu') or bag("$usage");
bag("$usage") unless @ARGV == 2;
my ($file1, $file2) = @ARGV;
if (defined $opt_C || defined $opt_c) {
    $opt_c = ""; # -c on if -C given on command line
    $opt_u = undef;
} elsif (defined $opt_U || defined $opt_u) {
    $opt_u = ""; # -u on if -U given on command line
    $opt_c = undef;
} else {
    $opt_c = ""; # by default, do context diff, not old diff
}
```

```
my ($char1, $char2); # string to print before file names
my $Context_Lines; # lines of context to print
if (defined $opt_c) {
    $Context_Lines = defined $opt_C ? $opt_C : 3;
    $char1 = '*' x 3; $char2 = '-' x 3;
} elsif (defined $opt_u) {
    $Context_Lines = defined $opt_U ? $opt_U : 3;
    $char1 = '-' x 3; $char2 = '+' x 3;
}
```

```
# After we've read up to a certain point in each file, the number of items
# we've read from each file will differ by $FLD (could be 0)
my
```



```

$File_Length_Difference = 0;

open (F1, $file1) or bag("Couldn't open $file1: $!");
open (F2, $file2) or bag("Couldn't open $file2: $!");
my (@f1, @f2);
chomp(@f1 = <F1>);
close F1;
chomp(@f2 = <F2>);
close F2;

# diff yields lots of pieces, each of which is basically a Block object
my $diffs = diff(\@f1, \@f2);
exit 0 unless @$diffs;

my $st = stat($file1);
print "Schar1 $file1\t", scalar localtime($st->mtime), "\n";
$st = stat($file2);
print "Schar2 $file2\t", scalar localtime($st->mtime), "\n";

my ($hunk,$oldhunk);
# Loop over hunks. If a hunk overlaps with the last hunk, join them.
# Otherwise, print out the old one.
foreach my $piece (@$diffs) {
    $hunk = new Hunk ($piece, $Context_Lines);
    next unless $oldhunk;

    if ($hunk->does_overlap($oldhunk)) {
        $hunk->prepend_hunk($oldhunk);
    } else {
        $oldhunk->output_diff(\@f1, \@f2);
    }

} continue {
    $oldhunk = $hunk;
}

# print the last hunk
$oldhunk->output_diff(\@f1, \@f2);
exit 1;
# END MAIN PROGRAM

sub bag {
    my
    $msg = shift;
    $msg .= "\n";
    warn $msg;
    exit 2;
}

```

```

# Package Hunk. A Hunk is a group of Blocks which overlap because of the
# context surrounding each block. (So if we're not using context, every
# hunk will contain one block.)
{
package Hunk;

sub new {
# Arg1 is output from &LCS::diff (which corresponds to one Block)
# Arg2 is the number of items (lines, e.g.,) of context around each block
#
# This subroutine changes $File_Length_Difference
#
# Fields in a Hunk:
# blocks    - a list of Block objects
# start     - index in file 1 where first block of the hunk starts
# end       - index in file 1 where last block of the hunk ends
#
# Variables:
# before_diff - how much longer file 2 is than file 1 due to all hunks
#              until but NOT including this one
# after_diff  - difference due to all hunks including this one
my ($class, $piece, $context_items) = @_;

my $block = new Block ($piece); # this modifies $FLD!

my $before_diff = $File_Length_Difference;
# BEFORE this hunk
my $after_diff = $before_diff + $block->{"length_diff"};
$File_Length_Difference += $block->{"length_diff"};

# @remove_array and @insert_array hold the items to insert and remove
# Save the start & beginning of each array. If the array doesn't exist
# though (e.g., we're only adding items in this block), then figure
# out the line number based on the line number of the other file and
# the current difference in file lengths
my @remove_array = $block->remove;
my @insert_array = $block->insert;
my ($a1, $a2, $b1, $b2, $start1, $start2, $end1, $end2);
$a1 = @remove_array ? $remove_array[0]->{"item_no"} : -1;
$a2 = @remove_array ? $remove_array[-1]->{"item_no"} : -1;
$b1 = @insert_array ? $insert_array[0]->{"item_no"} : -1;
$b2 = @insert_array ? $insert_array[-1]->{"item_no"} : -1;

$start1 = $a1 == -1 ? $b1 - $before_diff : $a1;
$end1   = $a2 == -1 ? $b2 - $after_diff : $a2;
$start2 = $b1 == -1 ?

```

```

$a1 + $before_diff : $b1;
$end2 = $b2 == -1 ? $a2 + $after_diff : $b2;

# At first, a hunk will have just one Block in it
my $hunk = {
    "start1" => $start1,
    "start2" => $start2,
    "end1" => $end1,
    "end2" => $end2,
    "blocks" => [$block],
};
bless $hunk, $class;

$hunk->flag_context($context_items);

return $hunk;
}

# Change the "start" and "end" fields to note that context should be added
# to this hunk
sub flag_context {
    my ($hunk, $context_items) = @_;
    return unless $context_items; # no context

    # add context before
    my $start1 = $hunk->{"start1"};
    my $num_added = $context_items > $start1 ? $start1 : $context_items;
    $hunk->{"start1"} -= $num_added;
    $hunk->{"start2"} -= $num_added;

    # context after
    my $end1 = $hunk->{"end1"};
    $num_added = ($end1 + $context_items > $#f1) ?
        $#f1 - $end1 :
        $context_items;
    $hunk->{"end1"} += $num_added;
    $hunk->{"end2"}
    += $num_added;
}

# Is there an overlap between hunk arg0 and old hunk arg1?
# Note: if end of old hunk is one less than beginning of second, they overlap
sub does_overlap {
    my ($hunk, $oldhunk) = @_;
    return "" unless $oldhunk; # first time through, $oldhunk is empty

    # Do I actually need to test both?
    return ($hunk->{"start1"} - $oldhunk->{"end1"} <= 1 ||

```

```

    $hunk->{"start2"} - $oldhunk->{"end2"} <= 1);
}

# Prepend hunk arg1 to hunk arg0
# Note that arg1 isn't updated! Only arg0 is.
sub prepend_hunk {
    my ($hunk, $oldhunk) = @_;

    $hunk->{"start1"} = $oldhunk->{"start1"};
    $hunk->{"start2"} = $oldhunk->{"start2"};

    unshift (@{$hunk->{"blocks"}}, @{$oldhunk->{"blocks"}});
}

# DIFF OUTPUT ROUTINES. THESE ROUTINES CONTAIN DIFF FORMATTING INFO...
sub output_diff {
    if (defined $main::opt_u) {&output_unified_diff(@_)}
    elsif (defined $main::opt_c) {&output_context_diff(@_)}
    else {die "unknown diff"}
}

sub output_unified_diff {

    my ($hunk, $fileref1, $fileref2) = @_;
    my @blocklist;

    # Calculate item number range.
    my $range1 = $hunk->unified_range(1);
    my $range2 = $hunk->unified_range(2);
    print "@@ -$range1 +$range2 @@\n";

    # Outlist starts containing the hunk of file 1.
    # Removing an item just means putting a '-' in front of it.
    # Inserting an item requires getting it from file2 and splicing it in.
    # We splice in $num_added items. Remove blocks use $num_added because
    # splicing changed the length of outlist.
    # We remove $num_removed items. Insert blocks use $num_removed because
    # their item numbers---corresponding to positions in file *2*--- don't take
    # removed items into account.
    my $low = $hunk->{"start1"};
    my $hi = $hunk->{"end1"};
    my ($num_added, $num_removed) = (0,0);
    my @outlist = @$fileref1[$low..$hi];
    map {s/^/ /} @outlist; # assume it's just context

    foreach my $block (@{$hunk->{"blocks"}}) {
        foreach my $item ($block->remove)

```

```

{
    my $op = $item->{"sign"}; # -
    my $offset = $item->{"item_no"} - $low + $num_added;
    $outlist[$offset] =~ s/^/$op/;
    $num_removed++;
}
foreach my $item ($block->insert) {
    my $op = $item->{"sign"}; # +
    my $i = $item->{"item_no"};
    my $offset = $i - $hunk->{"start2"} + $num_removed;
    splice(@outlist,$offset,0,"$op$$fileref2[$i]");
    $num_added++;
}
}

map {s/$\n/} @outlist; # add \n's
print @outlist;

}

sub output_context_diff {
    my ($hunk, $fileref1, $fileref2) = @_;
    my @blocklist;

    print "*****\n";
    # Calculate item number range.
    my $range1 = $hunk->context_range(1);
    my $range2 = $hunk->context_range(2);

    # Print out file 1 part for each block in context diff format if there are
    # any blocks that remove items
    print "*** $range1 *****\n";
    my $low = $hunk->{"start1"};
    my $hi = $hunk->{"end1"};
    if (@blocklist = grep {$_->remove} @{$hunk->{"blocks"}}) {
    my @outlist =
    @$fileref1[$low..$hi];
    map {s/^/ /} @outlist; # assume it's just context
    foreach my $block (@blocklist) {
        my $op = $block->op; # - or !
        foreach my $item ($block->remove) {
            $outlist[$item->{"item_no"} - $low] =~ s/^/$op/;
        }
    }
    map {s/$\n/} @outlist; # add \n's
    print @outlist;
    }
}

```

```

print "--- $range2 ----\n";
$low = $hunk->{"start2"};
$hi = $hunk->{"end2"};
if (@blocklist = grep {$_->insert} @{$hunk->{"blocks"}}) {
my @outlist = @$fileref2[$low..$hi];
map {s/^/ /} @outlist; # assume it's just context
foreach my $block (@blocklist) {
    my $op = $block->op; # + or !
    foreach my $item ($block->insert) {
$outlist[$item->{"item_no"} - $low] =~ s/^/$op/;
    }
}
map {s/$\n/} @outlist; # add \n's
print @outlist;
}
}

sub context_range {
# Generate a range of item numbers to print. Only print 1 number if the range
# has only one item in it. Otherwise, it's 'start,end'
my ($hunk, $flag) = @_;
my ($start, $end) = ($hunk->{"start$flag"}, $hunk->{"end$flag"});
$start++; $end++; # index from 1, not zero
my $range = ($start < $end) ? "$start,$end" : $end;
return $range;
}

sub unified_range {
# Generate a range of item numbers to print for unified diff
# Print number where block starts, followed by number of lines in the block
# (don't print number of lines if it's 1)
my ($hunk, $flag) = @_;
my ($start, $end) = ($hunk->{"start$flag"}, $hunk->{"end$flag"});
$start++; $end++; # index from 1, not zero
my $length = $end - $start + 1;
my $first = $length < 2 ? $end : $start; # strange, but correct...
my $range = $length == 1 ? $first : "$first,$length";
return $range;
}
} # end Package Hunk

# Package Block. A block is an operation removing, adding, or changing
# a group of items. Basically, this is just a list of changes, where each
# change adds or deletes a single item.
# (Change could be a separate class, but it didn't seem worth it)
{
package Block;
sub new {

```

```

# Input is
a chunk from &Algorithm::LCS::diff
# Fields in a block:
# length_diff - how much longer file 2 is than file 1 due to this block
# Each change has:
# sign      - '+' for insert, '-' for remove
# item_no   - number of the item in the file (e.g., line number)
# We don't bother storing the text of the item
#
my ($class,$chunk) = @_;
my @changes = ();

# This just turns each change into a hash.
foreach my $item (@$chunk) {
my ($sign, $item_no, $text) = @$item;
my $hashref = {"sign" => $sign, "item_no" => $item_no};
push @changes, $hashref;
}

my $block = { "changes" => \@changes };
bless $block, $class;

$block->{"length_diff"} = $block->insert - $block->remove;
return $block;
}

# LOW LEVEL FUNCTIONS
sub op {
# what kind of block is this?
my $block = shift;
my $insert = $block->insert;
my $remove = $block->remove;

$remove && $insert and return '!';
$remove and return '-';
$insert and return '+';
warn "unknown block type";
return '^'; # context block
}

# Returns a list of the changes in this block that remove items
# (or the number of removals if called in scalar context)
sub remove { return grep {$_->{"sign"} eq '-'} @{$shift->{"changes"}}; }

# Returns a list of the changes in this block that insert items
sub insert { return grep {$_->{"sign"} eq '+'} @{$shift->{"changes"}}; }

```

```
} # end of package Block
```

Found in path(s):

```
* /libalgorithm-diff-perl-1-19-03-orig-1-tar-gz/Algorithm-Diff-1.1903/cdiff.pl
```

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```
#!/usr/bin/perl
```

```
#
```

```
# `Diff' program in Perl
```

```
# Copyright 1998 M-J. Dominus. (mjd-perl-diff@plover.com)
```

```
#
```

```
# This program is free software; you can redistribute it and/or modify it
```

```
# under the same terms as Perl itself.
```

```
#
```

```
use Algorithm::Diff qw(diff);
```

```
bag("Usage: $0 oldfile newfile") unless @ARGV == 2;
```

```
my ($file1, $file2) = @ARGV;
```

```
# -f $file1 or bag("$file1: not a regular file");
```

```
# -f $file2 or bag("$file2: not a regular file");
```

```
-T $file1 or bag("$file1: binary");
```

```
-T $file2 or bag("$file2: binary");
```

```
open (F1, $file1) or bag("Couldn't open $file1: $!");
```

```
open (F2, $file2) or bag("Couldn't open $file2: $!");
```

```
chomp(@f1 = <F1>);
```

```
close F1;
```

```
chomp(@f2 = <F2>);
```

```
close F2;
```

```
$diffs = diff(\@f1, \@f2);
```

```
exit 0 unless @$diffs;
```

```
foreach $chunk (@$diffs) {
```

```
    foreach $line (@$chunk) {
```

```
        my ($sign, $lineno, $text) = @$line;
```

```
        printf "%4d$sign %s\n", $lineno+1, $text;
```

```
    }
```

```
    print "-----\n";
```

```
}
```

```
exit 1;
```

```
sub bag {
```



```

my $msg = shift;
$msg .= "\n";
warn $msg;
exit 2;
}

```

Found in path(s):

* /libalgorithm-diff-perl-1-19-03-orig-1-tar-gz/Algorithm-Diff-1.1903/diff.pl

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```

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```

Found in path(s):

* /libalgorithm-diff-perl-1-19-03-orig-1-tar-gz/Algorithm-Diff-1.1903/diffnew.pl

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=head1 NAME

Algorithm::Diff - Compute 'intelligent' differences between two files / lists

=head1 SYNOPSIS

```
require Algorithm::Diff;
```

```
# This example produces traditional 'diff' output:
```

```
my $diff = Algorithm::Diff->new( \@seq1, \@seq2 );
```

```
$diff->Base( 1 ); # Return line numbers, not indices
```

```

while( $diff->Next() ) {
    next if $diff->Same();
    my $sep = "";
    if( !$diff->Items(2) ) {
        printf "%d,%dd%d\n",
            $diff->Get(qw( Min1 Max1 Max2 ));
    } elsif( !$diff->Items(1) ) {
        printf "%da%d,%d\n",
            $diff->Get(qw( Max1 Min2 Max2 ));
    } else {
        $sep = "---\n";
        printf "%d,%dc%d,%d\n",
            $diff->Get(qw( Min1 Max1 Min2 Max2 ));
    }
    print "< $_" for $diff->Items(1);
    print $sep;
    print "> $_" for $diff->Items(2);
}

```

Alternate interfaces:

```
use Algorithm::Diff qw(  
    LCS LCS_length LCSidx  
    diff sdiff compact_diff  
    traverse_sequences traverse_balanced );
```

```
@lcs = LCS( \@seq1, \@seq2 );  
$lcsref = LCS( \@seq1, \@seq2 );  
$count = LCS_length( \@seq1, \@seq2 );  
  
( $seq1idxref, $seq2idxref ) = LCSidx( \@seq1, \@seq2 );
```

Complicated interfaces:

```
@diffs = diff( \@seq1, \@seq2 );  
  
@sdiffs = sdiff( \@seq1, \@seq2 );  
  
@cdiffs = compact_diff( \@seq1, \@seq2 );
```

```
traverse_sequences(  
    \@seq1,  
    \@seq2,  
    { MATCH => \&callback1,  
      DISCARD_A => \&callback2,  
      DISCARD_B => \&callback3,  
    },  
    \&key_generator,  
    @extra_args,  
);
```

```
traverse_balanced(  
    \@seq1,  
    \@seq2,  
    { MATCH => \&callback1,  
      DISCARD_A => \&callback2,  
      DISCARD_B => \&callback3,  
      CHANGE => \&callback4,  
    },  
    \&key_generator,  
    @extra_args,  
);
```

=head1 INTRODUCTION

(by
Mark-Jason Dominus)

I once read an article written by the authors of C<diff>; they said that they worked very hard on the algorithm until they found the right one.

I think what they ended up using (and I hope someone will correct me, because I am not very confident about this) was the 'longest common subsequence' method. In the LCS problem, you have two sequences of items:

a b c d f g h j q z

a b c d e f g i j k r x y z

and you want to find the longest sequence of items that is present in both original sequences in the same order. That is, you want to find a new sequence I<S> which can be obtained from the first sequence by deleting some items, and from the second sequence by deleting other items. You also want I<S> to be as long as possible. In this case I<S> is

a b c d f g j z

From there it's only a small step to get diff-like output:

e h i k q r x y
+ - + + - + + +

This module solves the LCS problem. It also includes a canned function to generate C<diff>-like output.

It might seem from the example above that the LCS of two sequences is always pretty obvious, but that's not always the case, especially when the two sequences have many repeated elements. For example, consider

a x b y c z p d q
a b c a x b y c z

A naive approach might start by matching up the C<a> and C that appear at the beginning of each sequence, like this:

a x b y c z p d q
a b c a b y c z

This finds the common subsequence C<a b c z>. But actually, the LCS is C<a x b y c z>:

```
    a x b y c z p d q
a b c a x b y c z
```

or

```
    a   x b y c z p d q
a b c a x b y c z
```

=head1 USAGE

(See also the README file and several example scripts include with this module.)

This module now provides an object-oriented interface that uses less memory and is easier to use than most of the previous procedural interfaces. It also still provides several exportable functions. We'll deal with these in ascending order of difficulty: C<LCS>, C<LCS_length>, C<LCSidx>, OO interface, C<prepare>, C<diff>, C<sdiff>, C<traverse_sequences>, and C<traverse_balanced>.

=head2 C<LCS>

Given references to two lists of items, LCS returns an array containing their longest common subsequence. In scalar context, it returns a reference to such a list.

```
@lcs = LCS( \@seq1, \@seq2 );
$lcsref = LCS( \@seq1, \@seq2 );
```

C<LCS> may be passed an optional third parameter; this is a CODE reference to a key generation function. See L</KEY GENERATION FUNCTIONS>.

```
@lcs = LCS( \@seq1, \@seq2, \&keyGen, @args );
$lcsref = LCS( \@seq1, \@seq2, \&keyGen, @args );
```

Additional parameters, if any, will be passed to the key generation routine.

=head2 C<LCS_length>

This is just like C<LCS> except it only returns the length of the longest common subsequence. This provides a performance gain of about

9% compared to C<LCS>.

=head2 C<LCSidx>

Like C<LCS> except it returns references to two arrays. The first array contains the indices into @seq1 where the LCS items are located. The second array contains the indices into @seq2 where the LCS items are located.

Therefore, the following three lists will contain the same values:

```
my( $idx1, $idx2 ) = LCSidx( \@seq1, \@seq2 );
my @list1 = @seq1[ @$idx1 ];
my @list2 = @seq2[ @$idx2 ];
my @list3 = LCS( \@seq1, \@seq2 );
```

=head2 C<new>

```
$diff = Algorithm::Diffs->new( \@seq1, \@seq2 );
$diff = Algorithm::Diffs->new( \@seq1, \@seq2, \%opts );
```

C<new> computes the smallest set of additions and deletions necessary to turn the first sequence into the second and compactly records them in the object.

You use the object to iterate over I<hunks>, where each hunk represents a contiguous section of items which should be added, deleted, replaced, or left unchanged.

=over 4

The following summary of all of the methods looks a lot like Perl code but some of the symbols have different meanings:

- [] Encloses optional arguments
- : Is followed by the default value for an optional argument
- | Separates alternate return results

Method summary:

```
$obj = Algorithm::Diff->new( \@seq1, \@seq2, [ \%opts ] );
$pos = $obj->Next( [ $count : 1 ] );
$revPos = $obj->Prev( [ $count : 1 ] );
$obj = $obj->Reset( [ $pos : 0 ] );
$copy = $obj->Copy( [ $pos, [ $newBase ] ] );
$oldBase = $obj->Base( [ $newBase ] );
```

Note that all of the following methods C<die> if used on an object that

is "reset" (not currently pointing at any hunk).

```
$bits      = $obj->Diff( );
@items|$cnt = $obj->Same( );
@items|$cnt = $obj->Items( $seqNum );
@idxs|$cnt = $obj->Range( $seqNum, [ $base ] );
$minIdx    = $obj->Min( $seqNum, [ $base ] );
$maxIdx    = $obj->Max( $seqNum, [ $base ] );
@values    = $obj->Get( @names );
```

Passing in C<undef> for an optional argument is always treated the same as if no argument were passed in.

=item
C<Next>

```
$pos = $diff->Next(); # Move forward 1 hunk
$pos = $diff->Next( 2 ); # Move forward 2 hunks
$pos = $diff->Next(-5); # Move backward 5 hunks
```

C<Next> moves the object to point at the next hunk. The object starts out "reset", which means it isn't pointing at any hunk. If the object is reset, then C<Next()> moves to the first hunk.

C<Next> returns a true value iff the move didn't go past the last hunk. So C<Next(0)> will return true iff the object is not reset.

Actually, C<Next> returns the object's new position, which is a number between 1 and the number of hunks (inclusive), or returns a false value.

=item C<Prev>

C<Prev(\$N)> is almost identical to C<Next(-\$N)>; it moves to the \$Nth previous hunk. On a 'reset' object, C<Prev()> [and C<Next(-1)>] move to the last hunk.

The position returned by C<Prev> is relative to the I<end> of the hunks; -1 for the last hunk, -2 for the second-to-last, etc.

=item C<Reset>

```
$diff->Reset(); # Reset the
object's position
$diff->Reset($pos); # Move to the specified hunk
$diff->Reset(1); # Move to the first hunk
$diff->Reset(-1); # Move to the last hunk
```

C<Reset> returns the object, so, for example, you could use

C<< \$diff->Reset()->Next(-1) >> to get the number of hunks.

=item C<Copy>

```
$copy = $diff->Copy( $newPos, $newBase );
```

C<Copy> returns a copy of the object. The copy and the original object share most of their data, so making copies takes very little memory.

The copy maintains its own position (separate from the original), which is the main purpose of copies. It also maintains its own base.

By default, the copy's position starts out the same as the original object's position. But C<Copy> takes an optional first argument to set the new position, so the following three snippets are equivalent:

```
$copy = $diff->Copy($pos);
```

```
$copy = $diff->Copy();  
$copy->Reset($pos);
```

```
$copy = $diff->Copy()->Reset($pos);
```

C<Copy> takes an optional second argument to set the base for the copy. If you wish to change the base of the copy but leave the position the same as in the original, here are two equivalent ways:

```
$copy = $diff->Copy();  
$copy->Base( 0 );
```

```
$copy = $diff->Copy(undef,0);
```

Here are two equivalent way to get a "reset" copy:

```
$copy = $diff->Copy(0);
```

```
$copy = $diff->Copy()->Reset();
```

=item C<Diff>

```
$bits = $obj->Diff();
```

C<Diff> returns a true value iff the current hunk contains items that are different between the two sequences. It actually returns one of the follow 4 values:

=over 4

=item 3

C<3==(1|2)>. This hunk contains items from @seq1 and the items from @seq2 that should replace them. Both sequence 1 and 2 contain changed items so both the 1 and 2 bits are set.

=item 2

This hunk only contains items from @seq2 that should be inserted (not items from @seq1). Only sequence 2 contains changed items so only the 2 bit is set.

=item 1

This hunk only contains items from @seq1 that should be deleted (not items from @seq2). Only sequence 1 contains changed items so only the 1 bit is set.

=item 0

This means that the items in this hunk are the same in both sequences. Neither sequence 1 nor 2 contain changed items so neither the 1 nor the 2 bits are set.

=back

=item C<Same>

C<Same> returns a true value iff the current hunk contains items that are the same in both sequences. It actually returns the list of items if they are the same or an empty list if they aren't. In a scalar context, it returns the size of the list.

=item C<Items>

```
$count = $diff->Items(2);  
@items = $diff->Items($seqNum);
```

C<Items> returns the (number of) items from the specified sequence that are part of the current hunk.

If the current hunk contains only insertions, then

C<< \$diff->Items(1) >> will return an empty list (0 in a scalar context).

If the current hunk contains only deletions, then C<< \$diff->Items(2) >> will return an empty list (0 in a scalar context).

If the hunk contains replacements,
then both `C<< $diff->Items(1) >>` and
`C<< $diff->Items(2) >>` will return different, non-empty lists.

Otherwise, the hunk contains identical items and all of the following
will return the same lists:

```
@items = $diff->Items(1);  
@items = $diff->Items(2);  
@items = $diff->Same();
```

=item C<Range>

```
$count = $diff->Range( $seqNum );  
@indices = $diff->Range( $seqNum );  
@indices = $diff->Range( $seqNum, $base );
```

`C<Range>` is like `C<Items>` except that it returns a list of `I<indices>` to
the items rather than the items themselves. By default, the index of
the first item (in each sequence) is 0 but this can be changed by
calling the `C<Base>` method. So, by default, the following two snippets
return the same lists:

```
@list = $diff->Items(2);  
@list = @seq2[ $diff->Range(2) ];
```

You can also specify the base to use as the second argument. So the
following two snippets `I<always>` return the same lists:

```
@list = $diff->Items(1);  
@list = @seq1[ $diff->Range(1,0)  
];
```

=item C<Base>

```
$curBase = $diff->Base();  
$oldBase = $diff->Base($newBase);
```

`C<Base>` sets and/or returns the current base (usually 0 or 1) that is
used when you request range information. The base defaults to 0 so
that range information is returned as array indices. You can set the
base to 1 if you want to report traditional line numbers instead.

=item C<Min>

```
$min1 = $diff->Min(1);  
$min = $diff->Min( $seqNum, $base );
```

C<Min> returns the first value that C<Range> would return (given the same arguments) or returns C<undef> if C<Range> would return an empty list.

=item C<Max>

C<Max> returns the last value that C<Range> would return or C<undef>.

=item C<Get>

```
( $n, $x, $r ) = $diff->Get(qw( min1 max1 range1 ));
@values = $diff->Get(qw( 0min2 1max2 range2 same base ));
```

C<Get> returns one or more scalar values. You pass in a list of the names of the values you want returned. Each name must match one of the following regexes:

```
/^(-?\d+)?(min|max)[12]$/i
/^(range[12]|same|diff|base)$/i
```

The 1 or 2 after a name says which sequence you want the information for (and where allowed, it is required). The optional number before "min" or "max" is the base to use. So the following equalities hold:

```
$diff->Get('min1') == $diff->Min(1)
$diff->Get('0min2') == $diff->Min(2,0)
```

Using C<Get> in a scalar context when you've passed in more than one name is a fatal error (C<die> is called).

=back

=head2 C<prepare>

Given a reference to a list of items, C<prepare> returns a reference to a hash which can be used when comparing this sequence to other sequences with C<LCS> or C<LCS_length>.

```
$prep = prepare( \@seq1 );
for $i ( 0 .. 10_000 )
{
    @lcs = LCS( $prep, $seq[$i] );
    # do something useful with @lcs
}
```

C<prepare> may be passed an optional third parameter; this is a CODE reference to a key generation function. See L</KEY GENERATION FUNCTIONS>.

```

$prep = prepare( \@seq1, \&keyGen );
for $i (
0 .. 10_000 )
{
    @lcs = LCS( $seq[$i], $prep, \&keyGen );
    # do something useful with @lcs
}

```

Using C<prepare> provides a performance gain of about 50% when calling LCS many times compared with not preparing.

=head2 C<diff>

```

@diffs    = diff( \@seq1, \@seq2 );
$diffs_ref = diff( \@seq1, \@seq2 );

```

C<diff> computes the smallest set of additions and deletions necessary to turn the first sequence into the second, and returns a description of these changes. The description is a list of I<hunks>; each hunk represents a contiguous section of items which should be added, deleted, or replaced. (Hunks containing unchanged items are not included.)

The return value of C<diff> is a list of hunks, or, in scalar context, a reference to such a list. If there are no differences, the list will be empty.

Here is an example. Calling C<diff> for the following two sequences:

```

a b c e h j l m n p
b c d e f j k l m r s t

```

would produce the following list:

```

(
  [ [ '-', 0, 'a' ] ],

  [ [ '+', 2, 'd' ] ],

  [ [ '-', 4, 'h' ],
    [ '+', 4, 'f' ] ],

  [ [ '+', 6, 'k' ] ],

  [ [ '-', 8, 'n' ],
    [ '-', 9, 'p' ],
    [ '+', 9, 'r' ],

```

```
[ '+', 10, 's' ],
[ '+', 11, 't' ] ],
)
```

There are five hunks here. The first hunk says that the C<a> at position 0 of the first sequence should be deleted (C<->). The second hunk says that the C<d> at position 2 of the second sequence should be inserted (C<+>). The third hunk says that the C<h> at position 4 of the first sequence should be removed and replaced with the C<f> from position 4 of the second sequence. And so on.

C<diff> may be passed an optional third parameter; this is a CODE reference to a key generation function. See L</KEY GENERATION FUNCTIONS>.

Additional parameters, if any, will be passed to the key generation routine.

=head2 C<sdiff>

```
@sdiffs = sdiff( \@seq1, \@seq2 );
$sdiffs_ref = sdiff( \@seq1, \@seq2 );
```

C<sdiff>

computes all necessary components to show two sequences and their minimized differences side by side, just like the Unix-utility I<sdiff> does:

```
same      same
before    |   after
old       <   -
-         >   new
```

It returns a list of array refs, each pointing to an array of display instructions. In scalar context it returns a reference to such a list. If there are no differences, the list will have one entry per item, each indicating that the item was unchanged.

Display instructions consist of three elements: A modifier indicator (C<+>: Element added, C<->: Element removed, C<u>: Element unmodified, C<c>: Element changed) and the value of the old and new elements, to be displayed side-by-side.

An C<sdiff> of the following two sequences:

```
a b c e h j l m n p
b c d e f j k l m r s t
```

results in

```
( [ '-', 'a', " ],
  [ 'u', 'b', 'b' ],
  [ 'u', 'c', 'c' ],
  [ '+', " , 'd' ],
  [ 'u', 'e', 'e' ],
  [ 'c', 'h', 'f' ],
  [ 'u', 'j', 'j' ],
  [ '+', " , 'k' ],
  [ 'u', 'l', 'l' ],
  [ 'u', 'm', 'm' ],
  [ 'c', 'n', 'r' ],
  [ 'c', 'p', 's' ],
  [ '+', " , 't' ],
)
```

C<sdiff> may be passed an optional third parameter; this is a CODE reference to a key generation function. See L</KEY GENERATION FUNCTIONS>.

Additional parameters, if any, will be passed to the key generation routine.

=head2 C<compact_diff>

C<compact_diff> is much like C<sdiff> except it returns a much more compact description consisting of just one flat list of indices. An example helps explain the format:

```
my @a = qw( a b c e h j l m n p );
my @b = qw( b c d e f j k l m r s t );
@cdiff = compact_diff( \@a, \@b );
# Returns:
# @a @b @a @b
# start start values values
( 0, 0, # =
  0, 0, # a !
  1, 0, # b c = b c
  3, 2, # ! d
  3, 3, # e = e
  4, 4, # f ! h
  5, 5, # j = j
  6, 6, # ! k
  6, 7, # l m = l m
  8, 9, # n p ! r s t
  10, 12, #
);
```

The 0th, 2nd, 4th, etc. entries are all indices into @seq1 (@a in the above example) indicating where a hunk begins. The 1st, 3rd, 5th, etc. entries are all indices into @seq2 (@b in the above example) indicating where the same hunk begins.

So each pair of indices (except the last pair) describes where a hunk begins (in each sequence). Since each hunk must end at the item just before the item that starts the next hunk, the next pair of indices can be used to determine where the hunk ends.

So, the first 4 entries (0..3) describe the first hunk. Entries 0 and 1 describe where the first hunk begins (and so are always both 0). Entries 2 and 3 describe where the next hunk begins, so subtracting 1 from each tells us where the first hunk ends. That is, the first hunk contains items

C<\$diff[0]> through C<\$diff[2] - 1> of the first sequence
and contains items C<\$diff[1]> through C<\$diff[3] - 1> of the second sequence.

In other words, the first hunk consists of the following two lists of items:

```
# 1st pair    2nd pair
# of indices  of indices
@list1 = @a[ $cdiff[0] .. $cdiff[2]-1 ];
@list2 = @b[ $cdiff[1] .. $cdiff[3]-1 ];
# Hunk start  Hunk end
```

Note that the hunks will always alternate between those that are part of the LCS (those that contain unchanged items) and those that contain changes. This means that all we need to be told is whether the first hunk is a 'same' or 'diff' hunk and we can determine which of the other hunks contain 'same' items or 'diff' items.

By convention, we always make the first hunk contain unchanged items. So the 1st, 3rd, 5th, etc. hunks (all odd-numbered hunks if you start counting from 1) all contain unchanged items. And the 2nd, 4th, 6th, etc. hunks (all even-numbered hunks if you start counting from 1) all contain changed items.

Since @a and @b don't begin with the same value, the first hunk in our example is empty (otherwise we'd violate the above convention). Note that the first 4 index values in our example are all zero. Plug these values into our previous code block and we get:

```
@hunk1a = @a[ 0 .. 0-1 ];
@hunk1b = @b[ 0 .. 0-1 ];
```

And `C<0..-1>` returns the empty list.

Move down one pair of indices (2..5) and we get the offset ranges for the second hunk, which contains changed items.

Since `C<@diff[2..5]>` contains (0,0,1,0) in our example, the second hunk consists of these two lists of items:

```
@hunk2a = @a[ $cdiff[2] .. $cdiff[4]-1 ];
@hunk2b = @b[ $cdiff[3] .. $cdiff[5]-1 ];
# or
@hunk2a = @a[ 0 .. 1-1 ];
@hunk2b = @b[ 0 .. 0-1 ];
# or
@hunk2a = @a[ 0 .. 0 ];
@hunk2b = @b[ 0 .. -1 ];
# or
@hunk2a = ( 'a' );
@hunk2b = ( );
```

That is, we would delete item 0 ('a') from `@a`.

Since `C<@diff[4..7]>` contains (1,0,3,2) in our example, the third hunk consists of these two lists of items:

```
@hunk3a = @a[ $cdiff[4] .. $cdiff[6]-1 ];
@hunk3a = @b[ $cdiff[5] .. $cdiff[7]-1 ];
# or
@hunk3a = @a[ 1 .. 3-1 ];
@hunk3a = @b[ 0 .. 2-1 ];
# or
@hunk3a = @a[ 1 .. 2 ];
@hunk3a = @b[ 0 .. 1 ];
# or
@hunk3a = qw( b c );
@hunk3a = qw( b c );
```

Note that this third hunk contains unchanged items as our convention demands.

You can continue this process until you reach the last two indices, which will always be the number of items in each sequence. This is required so that subtracting one from each will give you the indices to the last items in each sequence.

```
=head2 C<traverse_sequences>
```

C<traverse_sequences> used to be the most general facility provided by this module (the new OO interface is more powerful and much easier to use).

Imagine that there are two arrows. Arrow A points to an element of sequence A, and arrow B points to an element of the sequence B. Initially, the arrows point to the first elements of the respective sequences. C<traverse_sequences> will advance the arrows through the sequences one element at a time, calling an appropriate user-specified callback function before each advance. It will advance the arrows in such a way that if there are equal elements C<\$A[\$i]> and C<\$B[\$j]> which are equal and which are part of the LCS, there will be some moment during the execution of C<traverse_sequences> when arrow A is pointing to C<\$A[\$i]> and arrow B is pointing to C<\$B[\$j]>. When this happens, C<traverse_sequences> will call the C<MATCH> callback function and then it will advance both arrows.

Otherwise, one of the arrows is pointing to an element of its sequence that is not part of the LCS. C<traverse_sequences> will advance that arrow and will call the C<DISCARD_A> or the C<DISCARD_B> callback, depending on which arrow it advanced. If both arrows point to elements that are not part of the LCS, then C<traverse_sequences> will advance one of them and call the appropriate callback, but it is not specified which it will call.

The arguments to C<traverse_sequences> are the two sequences to traverse, and a hash which specifies the callback functions, like this:

```
traverse_sequences(  
  \@seq1, \@seq2,  
  { MATCH => $callback_1,  
    DISCARD_A => $callback_2,  
    DISCARD_B => $callback_3,  
  }  
);
```

Callbacks for MATCH, DISCARD_A, and DISCARD_B are invoked with at least the indices of the two arrows as their arguments. They are not expected to return any values. If a callback is omitted from the table, it is not called.

Callbacks for A_FINISHED and B_FINISHED are invoked with at least the corresponding index in A or B.

If arrow A reaches the end of its sequence, before arrow B does, C<traverse_sequences> will call the C<A_FINISHED> callback when it

advances arrow B, if there is such a function;

if not it will call

C<DISCARD_B> instead. Similarly if arrow B finishes first.

C<traverse_sequences> returns when both arrows are at the ends of their respective sequences. It returns true on success and false on failure.

At present there is no way to fail.

C<traverse_sequences> may be passed an optional fourth parameter; this is a CODE reference to a key generation function. See L</KEY GENERATION FUNCTIONS>.

Additional parameters, if any, will be passed to the key generation function.

If you want to pass additional parameters to your callbacks, but don't need a custom key generation function, you can get the default by passing undef:

```
traverse_sequences(  
  \@seq1, \@seq2,  
  { MATCH => $callback_1,  
    DISCARD_A => $callback_2,  
    DISCARD_B => $callback_3,  
  },  
  undef, # default key-gen  
  $myArgument1,  
  $myArgument2,  
  $myArgument3,  
);
```

C<traverse_sequences> does not have a useful return value; you are expected to plug in the appropriate behavior with the callback functions.

=head2 C<traverse_balanced>

C<traverse_balanced> is an alternative to C<traverse_sequences>. It uses a different algorithm to iterate through the entries in the computed LCS. Instead of sticking to one side and showing element changes as insertions and deletions only, it will jump back and forth between the two sequences and report I<changes> occurring as deletions on one side followed immediately by an insertion on the other side.

In addition to the C<DISCARD_A>, C<DISCARD_B>, and C<MATCH> callbacks supported by C<traverse_sequences>, C<traverse_balanced> supports a C<CHANGE> callback indicating that one element got C<replaced> by another:

```
traverse_balanced(  

```

```

\@seq1, \@seq2,
{ MATCH => $callback_1,
  DISCARD_A => $callback_2,
  DISCARD_B => $callback_3,
  CHANGE   => $callback_4,
}
);

```

If no C<CHANGE> callback is specified, C<traverse_balanced> will map C<CHANGE> events to C<DISCARD_A> and C<DISCARD_B> actions, therefore resulting in a similar behaviour as C<traverse_sequences> with different order of events.

C<traverse_balanced> might be a bit slower than C<traverse_sequences>, noticeable only while processing huge amounts of data.

The C<sdiff> function of this module is implemented as call to C<traverse_balanced>.

C<traverse_balanced> does not have a useful return value; you are expected to plug in the appropriate behavior with the callback functions.

=head1 KEY GENERATION FUNCTIONS

Most of the functions accept an optional extra parameter. This is a CODE reference to a key generating (hashing) function that should return a string that uniquely identifies a given element. It should be the case that if two elements are to be considered equal, their keys should be the same (and the other way around). If no key generation function is provided, the key will be the element as a string.

By default, comparisons will use "eq" and elements will be turned into keys using the default stringizing operator "''".

Where this is important is when you're comparing something other than strings. If it is the case that you have multiple different objects that should be considered to be equal, you should supply a key generation function. Otherwise, you have to make sure that your arrays contain unique references.

For instance, consider this example:

```

package Person;

sub new
{

```

```

    my $package = shift;
    return bless { name => "", ssn => "", @_ }, $package;
}

sub clone
{
    my $old = shift;
    my $new = bless { %$old }, ref($old);
}

sub hash
{
    return shift()->{'ssn'};
}

my $person1 = Person->new( name => 'Joe', ssn => '123-45-6789' );
my $person2 = Person->new( name => 'Mary', ssn => '123-47-0000' );
my $person3 = Person->new( name => 'Pete', ssn => '999-45-2222' );
my $person4 = Person->new( name => 'Peggy', ssn => '123-45-9999'
);
my $person5 = Person->new( name => 'Frank', ssn => '000-45-9999' );

```

If you did this:

```

my $array1 = [ $person1, $person2, $person4 ];
my $array2 = [ $person1, $person3, $person4, $person5 ];
Algorithm::Diff::diff( $array1, $array2 );

```

everything would work out OK (each of the objects would be converted into a string like "Person=HASH(0x82425b0)" for comparison).

But if you did this:

```

my $array1 = [ $person1, $person2, $person4 ];
my $array2 = [ $person1, $person3, $person4->clone(), $person5 ];
Algorithm::Diff::diff( $array1, $array2 );

```

`$person4` and `$person4->clone()` (which have the same name and SSN) would be seen as different objects. If you wanted them to be considered equivalent, you would have to pass in a key generation function:

```

my $array1 = [ $person1, $person2, $person4 ];
my $array2 = [ $person1, $person3, $person4->clone(), $person5 ];
Algorithm::Diff::diff( $array1, $array2, \&Person::hash );

```

This would use the 'ssn' field in each Person as a comparison key, and so would consider `$person4` and `$person4->clone()` as equal.

You may also pass additional parameters to the key generation function if you wish.

=head1 ERROR CHECKING

If you pass these routines a non-reference and they expect a reference, they will die with a message.

=head1 AUTHOR

This version released by Tye McQueen (<http://perlmonks.org/?node=tye>).

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=head1 MAILING LIST

Mark-Jason still maintains a mailing list. To join a low-volume mailing list for announcements related to diff and Algorithm::Diff, send an empty mail message to mjd-perl-diff-request@plover.com.

=head1 CREDITS

Versions through 0.59 (and much of this documentation) were written by:

Mark-Jason Dominus, mjd-perl-diff@plover.com

This version borrows some documentation and routine names from Mark-Jason's, but Diff.pm's code was completely replaced.

This code was adapted from the Smalltalk code of Mario Wolczko <mario@wolczko.com>, which is available at <ftp://st.cs.uiuc.edu/pub/Smalltalk/MANCHESTER/manchester/4.0/diff.st>

C<sdiff> and C<traverse_balanced> were written by Mike Schilli <m@perlmeister.com>.

The algorithm is that described in I<A Fast Algorithm for Computing Longest Common Subsequences>, CACM, vol.20, no.5, pp.350-353, May 1977, with a few minor improvements to improve the speed.

Much work was done by Ned Konz (perl@bike-nomad.com).

The OO interface and some other changes are by Tye McQueen.

=cut

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* /libalgorithm-diff-perl-1-19-03-orig-1-tar-gz/Algorithm-Diff-1.1903/lib/Algorithm/Diff.pm

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abstract: unknown

author:

- unknown

build_requires:

ExtUtils::MakeMaker: '0'

configure_requires:

ExtUtils::MakeMaker: '0'

dynamic_config: 1

generated_by: 'ExtUtils::MakeMaker version 6.98, CPAN::Meta::Converter version 2.141170'

license: unknown

meta-spec:

url: <http://module-build.sourceforge.net/META-spec-v1.4.html>

version: '1.4'

name: Algorithm-Diff

no_index:

directory:

- t

- inc

requires: {}

version: '1.1903'

Found in path(s):

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1.282 man-pages 4.04-2

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1.283 rename 0.20-4

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abstract: 'Perl extension for renaming multiple files'

author:

- 'Robin Barker <RMBarker@cpan.org>'

build_requires:

File::Temp: 0

Test::More: 0

configure_requires:

Module::Build: 0.38

dynamic_config: 1

generated_by: 'Module::Build version 0.4005, CPAN::Meta::Converter version 2.112621'

license: perl

meta-spec:

url: <http://module-build.sourceforge.net/META-spec-v1.4.html>

version: 1.4

name: File-Rename

provides:

File::Rename:

file: lib/File/Rename.pm

version: 0.20

File::Rename::Options:

file: lib/File/Rename.pm

version: 0

recommends:

File::Spec: 0.82

Getopt::Long: 2.24

Test::Pod: 0

Test::Pod::Coverage: 0

requires:

Getopt::Long: 0

perl: 5

resources:

license: <http://dev.perl.org/licenses/>

version: 0.20

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=head1 NAME

File::Rename - Perl extension for renaming multiple files

=head1 SYNOPSIS

```
use File::Rename qw(rename); # hide CORE::rename
rename @ARGV, sub { s/\.pl/z/.pm/ }, 1;
```

```
use File::Rename;
File::Rename::rename @ARGV, '$_ = lc';
```

=head1 DESCRIPTION

=over 4

=item C<rename(FILES, CODE [, VERBOSE])>

rename FILES using CODE,
if FILES is empty read list of files from stdin

=item C<rename_files(CODE, VERBOSE, FILES)>

rename FILES using CODE

=item C<rename_list(CODE, VERBOSE, HANDLE [, FILENAME])>

rename a list of file read from HANDLE, using CODE

=back

=head2 OPTIONS

=over 8

=item FILES

List of files to be renamed,
for C<rename> must be an array

=item CODE

Subroutine to change file names,
for C<rename> can be a string,
otherside a code reference

=item VERBOSE

Flag for printing names of files successfully renamed,
optional for C<rename>

=item HANDLE

Filehandle to read file names to be renamed

=item

FILENAME (Optional)

Name of file that HANDLE reads from

=back

=head2 HASH

Either CODE or VERBOSE can be a HASH of options.

If CODE is a HASH, VERBOSE is ignored
and CODE is supplied by the B<_code> key.

Other options are

=over 16

=item B<verbose>

As VERBOSE above, provided by B<-v>.

=item B<no_action>

Print names of files to be renamed, but do not rename
(i.e. take no action), provided by B<-n>.

=item B<over_write>

Allow files to be over-written by the renaming, provided by B<-f>.

=item B<show_help>

Print help, provided by B<-h>.

=item B<show_manual>

Print manual page, provided by B<-m>.

=item B<show_version>

Print version number, provided by B<-V>.

=back

=head2 EXPORT

None by default.

=head1 ENVIRONMENT

No environment variables are used.

=head1 SEE ALSO

mv(1), perl(1), rename(1)

=head1 AUTHOR

Robin Barker <RMBarker@cpan.org>

=head1 Acknowledgements

Based on code from Larry Wall.

Options B<-e>, B<-f>, B<-n> suggested
by more recent code
written by Aristotle Pagaltzis.

=head1 DIAGNOSTICS

Errors from the code argument are not trapped.

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=cut

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File-Rename version 0.20

=====

File::Rename provides an implementation of Larry Wall's eg/rename command. All I have done is add some error checking and (more recently) add the File/Rename.pm module.

An earlier version of the script is out in the Internet and is included with some linuxes, and the original eg/rename is not included in the Perl distribution, so I have put this up on CPAN.

A revised version of the earlier script is now on the Internet, which includes more options. This script, distinguished by "Getopt::Long::Configure('bundling')", was not written by me; I think the author is Aristotle Pagaltzis. Version 0.10 of this distribution has similar options to the revised script.

For Windows, the script is called file-rename to avoid clashes with existing rename command.

INSTALLATION

To install this module type the following:

```
perl Makefile.PL
make
make test
make install
```

or

if you have Module::Build

```
perl Build.PL
perl Build
perl Build test
perl Build install
```

DEPENDENCIES

This module requires these other modules and libraries:

File::Basename File::Path File::Spec Getopt::Long

(all included with Perl).

Testing requires File::Temp and Test::More which are available with perl 5.6.0. I have successfully installed those modules for perl 5.005_05 and tested this module.

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1.284 iconv 2.27

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

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.)

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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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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.

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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) 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:

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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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Here is a sample; alter the names:

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<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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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

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

TERMS AND CONDITIONS

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

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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.

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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.

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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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xwd v1.0.7

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Mesa 3-D
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## 1.292 ini 1.62.0

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common/pkcs11i.h  
common/test-constants.c common/test-hash.c  
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trust/test-parser.c trust/test-pem.c trust/test-token.c  
trust/token.c trust/token.h trust/test-trust.c  
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p11-kit/test-log.c trust/anchor.c trust/anchor.h

trust/enumerate.c trust/enumerate.h trust/extract.c

trust/extract-cer.c trust/extract.h trust/extract-jks.c

trust/extract-openssl.c trust/extract-pem.c trust/index.c

trust/index.h trust/list.c trust/list.h trust/persist.c

trust/persist.h trust/save.c trust/save.h trust/frob-bc.c

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Comment: make\_private\_security\_descriptor() and the helper functions were

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\* git commit 12bd5a6c722152aa27f24598785593e72b3284ea.

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The

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- lib/gssapi/mechglue/g\_export\_name.c
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- lib/gssapi/mechglue/g\_imp\_sec\_context.c
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- lib/gssapi/mechglue/g\_initialize.c
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- lib/gssapi/mechglue/g\_inquire\_cred.c
- lib/gssapi/mechglue/g\_inquire\_names.c
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- lib/gssapi/mechglue/g\_rel\_buffer.c
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lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

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include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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

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

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

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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

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

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

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

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

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

a) Accompany

the work with the complete corresponding

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

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

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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

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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.

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

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## 1. Source Code.

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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

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section 10

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@end enumerate

@page

@heading ADDENDUM: How to use this License for your documents

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in a document you have written, include a copy of  
the License in the document and put the following copyright and  
license notices just after the title page:

@smallexample

@group

Copyright (C) @var{year} @var{your name}.  
Permission is granted to copy, distribute and/or modify this document  
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or any later version published by the Free Software Foundation;  
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@end group

@end smallexample

If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts,  
replace the ``with@dots{ }Texts."@: line with this:

@smallexample

@group

with the Invariant Sections being @var{list their titles}, with  
the Front-Cover Texts being @var{list}, and with the Back-Cover Texts  
being @var{list}.

@end group

@end smallexample

If you have Invariant  
Sections without Cover Texts, or some other  
combination of the three, merge those two alternatives to suit the  
situation.

If your document contains nontrivial examples of program code, we  
recommend releasing these examples in parallel under your choice of  
free software license, such as the GNU General Public License,  
to permit their use in free software.

@c Local Variables:

@c ispell-local-pdict: "ispell-dict"



@c End:

# 1.303 sqlite 3.22.0-1

## 1.303.1 Available under license :

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

<li>Sources are in the <a href="copyright.html">public domain</a>.  
or some proprietary format into

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/features.html

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

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

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/walformat.html

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

other proprietary or non-standard VFSes.

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/uri.html

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

data, so do not send the ".fullschema" output of a proprietary database

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/cli.html

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

access to all proprietary extensions and test suites.

access to all proprietary extensions and test suites.

<a href="https://www.sqlite.org/copyright.html">public domain</a>,

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/prosupport.html

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

<dd><p>The psow query parameter works with the default windows and unix VFSes but might be a no-op for other  
proprietary or non-standard VFSes.

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/requirements.html

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

<h2>SQLite Is Public Domain</h2>

<a href="http://en.wikipedia.org/wiki/Public\_Domain">Public Domain</a>

<a href="http://en.wikipedia.org/wiki/Public\_Domain">public domain</a>

the public domain and originals of

author, and all of those authors have public domain dedications

Even though SQLite is in the public domain and does not require

the public domain. </li>

their contributions to the public domain.

in this code to the public domain. We make this dedication for the benefit

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/copyright.html

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

application is free to use the same <a href="..c3ref/sqlite3.html">database connection</a> or the

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/c3ref/c\_config\_covering\_index\_scan.html

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

application code is free to use these routines as well, if desired.

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/34to35.html

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

application is free to use the same <a href="#sqlite3">database connection</a> or the

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/capi3ref.html

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

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

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/custombuild.html

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

public domain.</li>

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/changes.html

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

SQLite is high-quality, public domain software. The goal of

members can also request their own private, proprietary extensions

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/consortium.html

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

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

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/books.html

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

SQLite core and like the SQLite core are in the public domain. The

The **TH3** test harness is a set of proprietary tests, written in

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/testing.html

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

## Proprietary SQLite Extensions

<copyright.html> public domain. But there also exist proprietary, licensed extensions to SQLite.

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/support.html

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

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

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/th3.html

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

<html>

<title>SQLite Copyright Release Template</title>

<body bgcolor="white">

<h1 align="center">

Copyright Release for<br>

Contributions To SQLite

</h1>

<p>

SQLite is software that implements an embeddable SQL database engine.

SQLite is available for free download from <http://www.sqlite.org/>.

The principal author and maintainer of SQLite has disclaimed all copyright interest in his contributions to SQLite and thus released his contributions into the public domain.

In order to keep the SQLite software unencumbered by copyright claims, the principal author asks others who may from time to time contribute changes and enhancements to likewise disclaim

their own individual copyright interest.

</p>

<p>

Because the SQLite software found at <http://www.sqlite.org/> is in the public domain, anyone is free to download the SQLite software from that website, make changes to the software, use, distribute, or sell the modified software, under either the original name or under some new name, without any need to obtain permission, pay royalties, acknowledge the original source of the software, or in any other way compensate, identify, or notify the original authors. Nobody is in any way compelled to contribute their SQLite changes and enhancements back to the SQLite website. This document concerns only changes and enhancements to SQLite that are intentionally and deliberately contributed back to the SQLite website.

</p>

<p>

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

</p>

<p>

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

</p>

<ol>

<li><p>

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

</p></li>

<li><p>

To the best of my knowledge and belief, the changes and enhancements that I have contributed to SQLite are either originally written by me or are derived from prior works which I have verified are also in the public domain and are not subject to claims of copyright by other parties.

</p></li>

<li><p>

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

</p></li>

<li><p>

I agree never to publish any additional information to the SQLite website (by CVS, email, scp, FTP, or any other means) unless that information is an original work of authorship by me or is derived from prior published versions of SQLite.

I agree never to copy and paste code into the SQLite code base from other sources.

I agree never to publish on the SQLite website any information that would violate a law or breach a contract.

</p></li>

</ol>

<p>

<table width="100%" cellpadding="0" cellspacing="0">

<tr>

<td width="60%" valign="top">

Signature:

<p>&nbsp;</p>

<p>&nbsp;</p>

<p>&nbsp;</p>

</td><td valign="top" align="left">

Date:

</td></tr>

<td colspan=2>

Name

(printed):

</td>

</tr>

</table>

</body>

</html>

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/copyright-release.html

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

<html>

<head>

<title>SQLite Consortium Agreement</title>

</head>

<body bgcolor="white">

<h1 align="center">

SQLite Consortium Agreement

</h1>

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

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

<a href="http://www.sqlite.org/">http://www.sqlite.org/</a>

("SQLite"); and</p>

<p>WHEREAS, Company wishes to support the independent development of the SQLite database engine to insure the continuing reliability, vitality, and independence of SQLite, and in connection therewith, Company wishes to provide funds for ongoing research, development, and

maintenance of the SQLite code base, operation of the SQLite website, protection and maintenance of the SQLite trademark, as well as for promotion of SQLite at conferences and trade shows; and</p>

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

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

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

<h2>1.0 Definitions</h2>

### <h3>1.1 SQLite Developers</h3>

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

### <h3>1.2 SQLite Architect</h3>

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

### <h3>1.3 Consortium Member</h3>

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

## <h2>2.0 Agreement</h2>

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

#### <h4>2.1.1 General Support</h4>

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

#### <h4>2.1.2 Debugging Support</h4>

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

#### <h4>2.1.3 Custom Development</h4>

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

</p>

#### <h4>2.1.4 Custom Builds</h4>

The SQLite Developers shall at Company's request provide Company with specialized builds of SQLite according to Company's specifications.

</p>

#### <h4>2.1.5 Legacy Support</h4>

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

</p>

#### <h4>2.1.6 Custom Testing</h4>

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

</p>

#### <h4>2.1.7 Priority Bug Fixes</h4>

<p>The SQLite Developers shall assign highest priority to fixing bugs in SQLite that are reported by Company or in which Company has expressed a specific interest.

</p>

#### <h4>2.1.8 Code Quality</h4>

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

</p>

#### <h4>2.1.9 Backwards Compatibility</h4>

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

</p>

#### <h4>2.1.10

#### Test Coverage</h4>

<p>The SQLite Developers shall maintain the SQLite test suite such that no less than 95% source code coverage is provided.

</p>

#### <h4>2.1.11 Website</h4>



<p>The SQLite Developers shall maintain the SQLite website at  
<a href="http://www.sqlite.org/">http://www.sqlite.org/</a>  
in good working order and all SQLite source code shall  
be made freely available at such website.  
</p>

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

#### <h4>2.2.1 Private Briefings</h4>

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

#### <h4>2.2.2 Direction</h4>

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

#### <h4>2.2.3 Oversight</h4>

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

#### <h4>2.2.4 Continuity</h4>

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

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

#### <h4>2.3.1 Employer</h4>

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

#### <h4>2.3.2 Responsible Party</h4>

<p>All obligations of the SQLite Developers set forth in this  
agreement are deemed obligations of Hwaci. Hwaci shall recruit,

employ, and supervise SQLite Developers in such a way that the responsibilities and obligations of the SQLite Developers set forth in this agreement are upheld.</p>

#### <h4>2.3.3 Multiple Developers</h4>

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

#### <h4>2.3.4 Mentorship</h4>

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

#### <h4>2.3.5 Audits</h4>

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

#### <h4>2.3.6 Disaster Planning</h4>

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

#### <h4>2.3.7 Trademark</h4>

<p>Hwaci shall maintain ownership of the SQLite trademark and the sqlite.org domain name and shall purchase bandwidth and server space for the <a href="http://www.sqlite.org/">http://www.sqlite.org/</a> website.</p>

#### <h4>2.3.8 No Take-overs or Buy-outs</h4>

<p>Neither Hwaci nor the SQLite Architect shall relinquish development control of SQLite during the term of this Agreement, by acquisition or merger or by any other means, except with the consent of Company.</p>

#### <h4>2.3.9

##### New Consortium Members</h4>

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

#### <h4>2.3.10 Adequate Staff</h4>

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

#### <h4>2.3.11 Use Of Funds</h4>

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

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

#### <h4>2.4.1 Funding</h4>

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

#### <h4>2.4.2 Copyright Disclaimer</h4>

<p>Company acknowledges that SQLite source code and documentation published on the <a href="http://www.sqlite.org/">SQLite website</a> is in the public domain and that nothing in this agreement shall change that fact.</p>

## <h2>3.0 Fees</h2>

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

## <h2>4.0 Confidentiality</h2>

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

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

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

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

#### <h4>4.2.1 Disclosure Required by Law</h4>

In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency or other governmental authority, Hwaci shall, unless prohibited

by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding such demand or request, shall consult with Company on the advisability of

taking legally available steps to resist or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.

### 4.3 Return of Materials.

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

## 5.0 Intellectual Property

### 5.1 No Assignment

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

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

### 5.2 Availability and Public Domain Dedication

The SQLite Developers and Hwaci shall, subject to their discretion as to the quality and suitability of the SQLite source code and documentation for public release, make the SQLite source code and documentation publicly available as downloadable files and make a public statement ceding all intellectual property rights, including but not limited to copyright and patent rights, in the SQLite source code and documentation to the public domain. To the extent that the SQLite Developers and Hwaci

elect not to release the SQLite  
source code and documentation  
publicly, they shall provide copies thereof to  
Company and hereby grants to Company, under all of the  
SQLite  
Developers' and Hwaci's  
rights  
including but not limited to copyright and patent rights,  
in and to the SQLite source code and documentation,  
perpetual, irrevocable,  
worldwide, non-exclusive, sublicenseable license to use,  
copy, prepare derivative works of, publicly perform and  
display the SQLite source code and documentation  
and derivative works thereof.</p>

### <h3>5.3 Trademark</h3>

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

## <h2>6.0 Representations And Warranties</h2>

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

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

### <h3>6.2 Disclaimer.</h3>

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

## <h2>7.0 Term And Termination</h2>

### <h3>7.1 Term.</h3>

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

### <h3>7.2 Termination.</h3>

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

### <h3>7.3 Survival.</h3>

<p>Upon such termination all rights and duties of the parties toward each other will cease except: Sections 4 (Confidentiality), 5 (Intellectual Property), and 8 (Miscellaneous) will survive termination of this Agreement.</p>

## <h2>8. Miscellaneous</h2>

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

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

### <h3>8.2 Notices.</h3>

<p>Any notice required or permitted under the terms of this Agreement or required by law must be in writing

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

### 8.3 Waiver.

Any waiver of the provisions of this Agreement or of a party's rights or remedies under this Agreement must be in writing to be effective. Failure, neglect, or delay by a party to enforce the provisions of this Agreement or its rights or remedies at any time, will not be construed as a waiver of such party's rights under this Agreement and will not in any way affect the validity of the whole or any part of this Agreement or prejudice such party's right to take subsequent action. No exercise or enforcement by either party of any right or remedy under this Agreement will preclude the enforcement by such party of any other right or remedy under this Agreement or that such party is entitled by law to enforce.

### 8.4 Severability.

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

### 8.5 Integration.

This Agreement contains the entire agreement of the parties with respect to the subject matter of this



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

### 8.6 Counterparts.

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

### 8.7 Governing Law.

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

### 8.8 Independent Contractors.

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

## 9.0 Signatures

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

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Print Name:<hr>  
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Title:<hr>  
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Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/consortium\_agreement-20071201.html

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

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

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

<p>SQLite is a compact, high efficiency, high reliability, embeddable SQL database  
engine. The source code to SQLite is in the public domain and is available with  
no associated fees. SQLite is the most deployed SQL database engine in the world  
and is currently used in a wide range of commercial software products and electronic  
devices from leading manufacturers.

SQLite is found today in many mobile phones,  
MP3 players, set-top boxes, and PCs.</p>

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

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

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

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

<p>SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional information regarding the SQLite Consortium is available at the SQLite website, <http://www.sqlite.org/>.</p>

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<p><b>About SQLite</b></p>

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

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

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

<p><b>About Mozilla</b></p>

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<p>CONTACT INFORMATION:<br>  
Mozilla Corporation<br>  
Jessica Waight<br>  
Tel: +1.415.345.4754<br>  
Email: [jwaight@outcastpr.com](mailto:jwaight@outcastpr.com)  
</p>

<p><b>About Symbian Limited</b></p>

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

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

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

<p>CONTACT INFORMATION:<br>

Symbian Global Press Office<br>

Karen Hamblen<br>

+44 207 154 1707<br>

[press@symbian.com](mailto:press@symbian.com)

</p>

</body></html>

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/pressrelease-20071212.html

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Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/different.html

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without a shared lock, other processes are free to modify the database

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<a href="copyright.html">public domain</a> and so most

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<a href="copyright.html">public domain</a> and is thus free for

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/about.html

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Suppose the demo\_data.boundary field holds some proprietary data description

Found in path(s):

\* /sqlite3-3-22-0-orig-www-1-tar-xz/www/rtree.html

# 1.304 cyrus-sasl 2.1.27~101-g0780600+dfsg-3ubuntu2

## 1.304.1 Available under license :

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

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* Tim Martin
* Rob Earhart
* Rob Siemborski
*/

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# 1.305 open-ldap 2.4.45+dfsg-1ubuntu1.1

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Version 2.8, 17 August 2003

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# 1.306 cyrus-sasl 2.1.26.dfsg1-14ubuntu0.2

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 * Rob Earhart
 * Rob Siemborski
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# 1.307 kerberos 1.13.2+dfsg-5ubuntu2.2

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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  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

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include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
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-\*- org -\*-

#+TITLE: List of code with permissive licenses as used by GnuPG.

#+STARTUP: showall

\* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

-----  
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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam\_motd/pam\_motd.c

```
=====
--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
 close(fd);
 }

+int display_legal(pam_handle_t *pamh)
+{
+ int retval = PAM_IGNORE, rc;
+ char *user = NULL;
+ char *dir = NULL;
+ char *flag = NULL;
+ struct passwd *pwd = NULL;
+ struct stat s;
+ int f;
+ /* Get the user name to determine if we need to print the disclaimer */
+ rc = pam_get_item(pamh, PAM_USER, &user);
+ if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+ {
+ PAM_MODUTIL_DEF_PRIVS(privs);
+
+ /* Get the password entry */
+ pwd = pam_modutil_getpwnam (pamh, user);
+ if (pwd != NULL)
+ {
+ if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+ pam_syslog(pamh, LOG_ERR,
```

```

+ "Unable to change UID to %d temporarily\n",
+ pwd->pw_uid);
+ retval = PAM_SESSION_ERR;
+ goto finished;
+ }
+
+ if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+ goto finished;
+ if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+ goto finished;
+
+ if (stat(flag, &s) != 0)
+ {
+ display_file(pamh, "/etc/legal");
+ mkdir(dir, 0700);
+ f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+ S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+ if (f >= 0) close(f);
+ }
+
+finished:
+ if (pam_modutil_regain_priv(pamh,
+ &privs)) {
+ pam_syslog(pamh, LOG_ERR,
+ "Unable to change UID back to %d\n", privs.old_uid);
+ retval = PAM_SESSION_ERR;
+ }
+
+ _pam_drop(flag);
+ _pam_drop(dir);
+ }
+ }
+ return retval;
+}
+
PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
 int argc, const char **argv)
@@ -116,6 +171,9 @@
 /* Display the updated motd */
 display_file(pamh, motd_path);

+ /* Display the legal disclaimer only if necessary */
+ retval = display_legal(pamh);
+
 return retval;
}

```

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on  
Wed, 23 Sep 1998 20:29:32 +0200.

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/

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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'.
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under certain conditions; type `show c' for details.
```

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## 1.319 libalgorithm-merge-perl 0.08-3

### 1.319.1 Available under license :

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```
#
For testing:
#
sub main::diag {
 warn join("", @_), "\n";
}

print join(" ", merge(
print Data::Dumper -> Dump([
merge(
#[qw(a b c d h i j)], # ancestor
#[qw(a b c d f h i j)], # left
#[qw(a b c e g)], # right
[qw(0 1 2 3 4 7 9 b)],
[qw(0 6 8 a b)],
[qw(0 1 2 3 5 8 a b)],
##
{
CONFLICT => sub ($$) { (
q{<}, @{$$_[0]}, q{|}, @{$$_[1]}, q{>}
) },
},
), "\n";
]), "\n";
print join(" ", @{
[qw(0 1 @ < 3 | # > 6)]
```

```
}), "\n";
```

```
1;
```

```
__END__
```

```
1;
```

```
__END__
```

```
=head1 NAME
```

```
Algorithm::Merge - Three-way merge and diff
```

```
=head1 SYNOPSIS
```

```
use Algorithm::Merge qw(merge diff3 traverse_sequences3);
```

```
@merged = merge(\@ancestor, \@a, \@b, {
 CONFLICT => sub { }
});
```

```
@merged = merge(\@ancestor, \@a, \@b, {
 CONFLICT => sub { }
}, $key_generation_function);
```

```
$merged = merge(\@ancestor,
 \@a, \@b, {
 CONFLICT => sub { }
 });
```

```
$merged = merge(\@ancestor, \@a, \@b, {
 CONFLICT => sub { }
}, $key_generation_function);
```

```
@diff = diff3(\@ancestor, \@a, \@b);
```

```
@diff = diff3(\@ancestor, \@a, \@b, $key_generation_function);
```

```
$diff = diff3(\@ancestor, \@a, \@b);
```

```
$diff = diff3(\@ancestor, \@a, \@b, $key_generation_function);
```

```
@trav = traverse_sequences3(\@ancestor, \@a, \@b, {
 # callbacks
});
```

```
@trav = traverse_sequences3(\@ancestor, \@a, \@b, {
```

```

 # callbacks
 }, $key_generation_function);

$trav = traverse_sequences3(\@ancestor, \@a, \@b, {
 # callbacks
});

$trav = traverse_sequences3(\@ancestor, \@a, \@b, {
 # callbacks
}, $key_generation_function);

```

=head1 USAGE

This module complements L<Algorithm::Diff|Algorithm::Diff> by providing three-way merge and diff functions.

In this documentation,  
the first list to C<diff3>, C<merge>, and  
C<traverse\_sequences3> is  
called the `original' list. The second list is the `left' list. The  
third list is the `right' list.

The optional key generation arguments are the same as in  
L<Algorithm::Diff|Algorithm::Diff>. See L<Algorithm::Diff> for more  
information.

=head2 diff3

Given references to three lists of items, C<diff3> performs a  
three-way difference.

This function returns an array of operations describing how the  
left and right lists differ from the original list. In scalar  
context, this function returns a reference to such an array.

Perhaps an example would be useful.

Given the following three lists,

```

original: a b c e f h i k
left: a b d e f g i j k
right: a b c d e h i j k

merge: a b d e g i j k

```

we have the following result from diff3:

```
['u', 'a', 'a', 'a'],
['u', 'b', 'b', 'b'],
['l', 'c', undef, 'c'],
['o', undef, 'd', 'd'],
['u', 'e', 'e',
 'e'],
['r', 'f', 'f', undef],
['o', 'h', 'g', 'h'],
['u', 'i', 'i', 'i'],
['o', undef, 'j', 'j'],
['u', 'k', 'k', 'k']
```

The first element in each row is the array with the difference:

c - conflict (no two are the same)  
 l - left is different  
 o - original is different  
 r - right is different  
 u - unchanged

The next three elements are the lists from the original, left, and right arrays respectively that the row refers to (in the synopsis, these are C<@ancestor>, C<@a>, and C<@b>, respectively).

=head2 merge

Given references to three lists of items, C<merge> performs a three-way merge. The C<merge> function uses the C<diff3> function to do most of the work.

The only callback currently used is C<CONFLICT> which should be a reference to a subroutine that accepts two array references. The first array reference is to a list of elements from the left list. The second array reference is to a list of elements from the right list. This callback should return a list of elements to place in the merged list in place of the conflict.

The default C<CONFLICT> callback returns the following:

```
q{<!-- ----- START CONFLICT ----- -->},
(@left),
q{<!-- ----- -->},
(@right),
q{<!-- ----- END CONFLICT ----- -->},
```

=head2 traverse\_sequences3

This is the workhorse function that goes through the three sequences and calls the callback functions.

The following callbacks are supported.

=over 4

=item NO\_CHANGE

This is called if all three sequences have the same element at the current position. The arguments are the current positions within each sequence, the first argument being the current position within the first sequence.

=item A\_DIFF

This is called if the first sequence is different than the other two sequences at the current position.

This callback will be called with one, two, or three arguments.

If one argument, then only the element at the given position from the first sequence is not in either of the other two sequences.

If two arguments, then there is no element in the first sequence that corresponds to the elements at the given positions in the second and third sequences.

If three arguments, then the element at the given position in the first sequence is different than the corresponding element in the other two sequences, but the other two sequences have corresponding elements.

=item B\_DIFF

This is called if the second sequence is different than the other two sequences at the current position.

This callback will be called with one, two, or three arguments.

If one argument, then only the element at the given position from the second sequence is not in either of the other two sequences.

If two arguments, then there is no element in the second sequence that corresponds to the elements at the given positions in the first and third sequences.

If three arguments, then the element at the given position in the second sequence is different than the corresponding

element in the other two sequences, but the other two sequences have corresponding elements.

=item C\_DIFF

This is called if the third sequence is different than the other two sequences at the current position.

This callback will be called with one, two, or three arguments.

If one argument, then only the element at the given position from the third sequence is not in either of the other two sequences.

If two arguments, then there is no element in the third sequence that corresponds to the elements at the given positions in the first and second sequences.

If three arguments, then the element at the given position in the third sequence is different than the corresponding element in the other two sequences, but the other two sequences have corresponding elements.

=item CONFLICT

This is called if all three sequences have different elements at the current position. The three arguments are the current positions within each sequence.

=back 4

=head1 BUGS

Most assuredly

there are bugs. If a pattern similar to the above example does not work, send it to <[jsmith@cpan.org](mailto:jsmith@cpan.org)> or report it on <<http://rt.cpan.org/>>, the CPAN bug tracker.

L<Algorithm::Diff|Algorithm::Diff>'s implementation of C<traverse\_sequences> may not be symmetric with respect to the input sequences if the second and third sequence are of different lengths. Because of this, C<traverse\_sequences3> will calculate the diffs of the second and third sequences as passed and swapped. If the differences are not the same, it will issue an `Algorithm::Diff::diff is not symmetric for second and third sequences...' warning. It will try to handle this, but there may be some cases where it can't.

=head1 SEE ALSO

L<Algorithm::Diff>.

=head1 AUTHOR

James G. Smith, <jsmith@cpan.org>

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NAME

Algorithm::Merge - Three-way merge and diff

SYNOPSIS

```
use Algorithm::Merge qw(merge diff3 traverse_sequences3);
```

```
@merged = merge(\@ancestor, \@a, \@b, {
 CONFLICT => sub { }
});
```

```
@merged = merge(\@ancestor, \@a, \@b, {
 CONFLICT => sub { }
}, $key_generation_function);
```

```
$merged = merge(\@ancestor, \@a, \@b, {
 CONFLICT => sub { }
});
```

```
$merged = merge(\@ancestor, \@a, \@b, {
 CONFLICT => sub { }
}, $key_generation_function);
```

```
@diff = diff3(\@ancestor, \@a, \@b);
```

```
@diff = diff3(\@ancestor, \@a, \@b, $key_generation_function);
```

```
$diff = diff3(\@ancestor, \@a, \@b);
```

```
$diff = diff3(\@ancestor, \@a, \@b, $key_generation_function);
```

```
@trav = traverse_sequences3(\@ancestor, \@a, \@b, {
 # callbacks
```

```

});

@trav = traverse_sequences3(\@ancestor, \@a, \@b, {
 # callbacks
}, $key_generation_function);

$trav = traverse_sequences3(\@ancestor, \@a, \@b, {
 # callbacks
});

$trav = traverse_sequences3(\@ancestor, \@a, \@b, {
 # callbacks
}, $key_generation_function);

```

## USAGE

This module complements Algorithm::Diff by providing three-way merge and diff functions.

In this documentation, the first list to "diff3", "merge", and "traverse\_sequences3" is called the `original` list. The second list is the `left` list. The third list is the `right` list.

The optional key generation arguments are the same as in Algorithm::Diff. See Algorithm::Diff for more information.

### diff3

Given references to three lists of items, "diff3" performs a three-way difference.

This function returns an array of operations describing how the left and right lists differ from the original list. In scalar context, this function returns a reference to such an array.

Perhaps an example would be useful.

Given the following three lists,

```

original: a b c e f h i k
left: a b d e f g i j k
right: a b c d e h i j k

merge: a b d e g i j k

```

we have the following result from diff3:

```
['u', 'a', 'a', 'a'],
```



```
['u', 'b', 'b', 'b'],
['l', 'c', undef, 'c'],
['o', undef, 'd', 'd'],
['u', 'e', 'e', 'e'],
['r', 'f', 'f', undef],
['o', 'h', 'g', 'h'],
['u', 'i', 'i', 'i'],
['o', undef, 'j', 'j'],
['u', 'k', 'k', 'k']
```

The first element in each row is the array with the difference:

```
c - conflict (no two are the same)
l - left is different
o - original is different
r - right is different
u - unchanged
```

The next three elements are the lists  
from the original, left, and right  
arrays respectively that the row refers to (in the synopsis, these are  
@ancestor, @a, and @b, respectively).

merge

Given references to three lists of items, "merge" performs a three-way  
merge. The "merge" function uses the "diff3" function to do most of the  
work.

The only callback currently used is "CONFLICT" which should be a  
reference to a subroutine that accepts two array references. The first  
array reference is to a list of elements from the left list. The second  
array reference is to a list of elements from the right list. This  
callback should return a list of elements to place in the merged list in  
place of the conflict.

The default "CONFLICT" callback returns the following:

```
q{<!-- ----- START CONFLICT ----- -->},
(@left),
q{<!-- ----- -->},
(@right),
q{<!-- ----- END CONFLICT ----- -->},
```

traverse\_sequences3

This is the workhorse function  
that goes through the three sequences and  
calls the callback functions.

The following callbacks are supported.

#### NO\_CHANGE

This is called if all three sequences have the same element at the current position. The arguments are the current positions within each sequence, the first argument being the current position within the first sequence.

#### A\_DIFF

This is called if the first sequence is different than the other two sequences at the current position. This callback will be called with one, two, or three arguments.

If one argument, then only the element at the given position from the first sequence is not in either of the other two sequences.

If two arguments, then there is no element in the first sequence that corresponds to the elements at the given positions in the second and third sequences.

If three arguments, then the element at the given position in the first sequence is different than the corresponding element in the other two sequences, but the other two sequences have corresponding elements.

#### B\_DIFF

This is called if the second sequence is different than the other two sequences at the current position. This callback will be called with one, two, or three arguments.

If one argument, then only the element at the given position from the second sequence is not in either of the other two sequences.

If two arguments, then there is no element in the second sequence that corresponds to the elements at the given positions in the first and third sequences.

If three arguments, then the element at the given position in the second sequence is different than the corresponding element in the other two sequences, but the other two sequences have corresponding elements.

#### C\_DIFF

This is called if the third sequence is different than the other two sequences at the current position. This callback will be called with one, two, or three arguments.

If one argument, then only the element at the given position from the third sequence is not in either of the other two sequences.

If two arguments, then there is no element in the third sequence that corresponds to the elements at the given positions in the first and second sequences.

If three arguments, then the element at the given position in the third sequence is different than the corresponding element in the other two sequences, but the other two sequences have corresponding elements.

#### CONFLICT

This is called if all three sequences have different elements at the current position. The three arguments are the current positions within each sequence.

#### BUGS

Most assuredly there are bugs. If a pattern similar to the above example does not work, send it to <[jsmith@cpan.org](mailto:jsmith@cpan.org)> or report it on <<http://rt.cpan.org/>>, the CPAN bug tracker.

Algorithm::Diff's implementation of "traverse\_sequences" may not be symmetric with respect to the input sequences if the second and third sequence are of different lengths. Because of this, "traverse\_sequences3" will calculate the diffs of the second and third sequences as passed and swapped. If the differences are not the same, it will issue an `Algorithm::Diff::diff is not symmetric for second and third sequences...' warning. It will try to handle this, but there may be some cases where it can't.

#### SEE ALSO

Algorithm::Diff.

#### AUTHOR

James G. Smith, <[jsmith@cpan.org](mailto:jsmith@cpan.org)>

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xwd v1.0.7

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```
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```
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## 1.327 gnutls 3.5.18-1ubuntu1.5

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Assignment for future changes terminated on 2012-12-04.

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GNUPG Natural Resources Canada 1998-08-11

Disclaims changes by Matthew Skala.

GNUPG Michael Roth Germany 1998-09-17

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cipher/des.c.

Changes and bug fixes all over the place.

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Weak key patches.

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g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)

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GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22

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Original code for cipher/rfc2268.c.



LIBGCRYPT The Written Word 2005-04-15

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past and future changes. (new: src/libgcript.pc.in,  
src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,  
mpi/hppa1.1/udiv-qrnnd.S, mpi/hppa1.1/mpih-mul2.S,  
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,  
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,  
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09

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(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.  
added SHA-224, changed cipher/sha256.c, added HMAC tests.)

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(SEED cipher)

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(cipher/camellia-glue.c and related stuff)

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(cipher/ecc.c and related files)

LIBGCRYPT Ulrich Mller 2012-02-15

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(Changes to cipher/idea.c and related files)

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Wedgwood 1996-1999.

The ECC code cipher/ecc.c was based on code by Sergi Blanch i Torne,  
sergi at calcurco dot org.

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```

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For files:

- cipher/arcfour-amd64.S

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8X-----

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# 1.329 curl 7.58.0-2ubuntu3.16

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=====

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.

## 1.330 gnutls 3.4.10-4ubuntu1.9

### 1.330.1 Available under license :

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## Constant-time SSSE3 AES core implementation.

## version 0.1

##

## By Mike Hamburg (Stanford University), 2009

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## 1.341 fwd 1.1.1

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## 1.345 spf13-pflag 1.0.5

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## 1.348 xxhash 2.1.1

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## 1.350 golang-genproto 0.0.0-20190819201941-24fa4b261c55

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# 1.351 jaeger-client-go 2.22.1+incompatible

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## 1.353 kr-fs 0.1.0

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## 1.354 gopkg.in-asn1-ber 1.0.0-20181015200546-f715ec2f112d



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## 1.355 go-errors-errors 1.0.2

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# 1.357 go-farm 0.0.0-20200201041132-a6ae2369ad13

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# 1.358 fiorix-go-diameter 3.0.2+incompatible

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# 1.359 grpc-ecosystem-go-grpc-middleware

## 1.0.1-0.20190118093823-f849b5445de4

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## 1.363 eapache-channels 1.1.0

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## 1.367 jwalterweatherman 1.1.0

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# 1.368 jaeger-lib 2.4.0+incompatible

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# 1.375 k-sone-critbitgo 1.4.0

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

# 1.394 json-java 20210307

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

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If 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.

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- a) Accompany the work with the complete corresponding

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This package is maintained by Michael Stone <mstone@debian.org> and built from sources obtained from:  
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This debian package was first created by Michael Stone <mstone@debian.org>, from coreutils 4.5.1.

Changes:

- \* added Debian GNU/Linux package maintenance system files
- \* at times, bug fixes awaiting inclusion in the upstream source

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lib/rand-isaac.[ch]

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doc/coreutils.texi (The GNU Coreutils Manual)

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<ftp.gnu.org:/pub/gnu/readline/readline-4.3.tar.gz>.

Author: Per Bothner

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```
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