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include/bsd/err.h
include/bsd/stdlib.h
include/bsd/sys/param.h
include/bsd/unistd.h
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src/err.c
src/fgetln.c
src/progname.c

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include/bsd/sys/queue.h
include/bsd/sys/time.h

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man/humanize_number.3bsd

man/stringlist.3bsd

man/timeval.3bsd

src/fmtcheck.c

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src/expand_number.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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src/hash/md5hl.c

src/hash/helper.c

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1.2 systemd 245.4-4ubuntu3.18

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However, linking a "work that uses the Library" with the Library

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

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

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1.4 findutils 4.7.0 1ubuntu1

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@vskip 20pt plus 1fil  
@end macro
```

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@end macro
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```
@macro copyrightend{ }  
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@comment node-name, next, previous, up  
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AES in libcrypto

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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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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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lib/hcrypto/test_dh.c

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1.7 vim 8.1.2269-1ubuntu5.9

1.8 libpsl 0.21.0-1ubuntu1

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psl-make-dafsa and lookup_string_in_fixed_set.c.

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1.9 brotli 1.0.7-6ubuntu0.1

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1.10 vixie-cron 3.0p11-136ubuntu1

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.\"
.\" @(#)bitstring.3 5.1 (Berkeley) 12/13/89
.\"
```

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```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/bitstring.3
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```
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```

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```
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```

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* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/database.c
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/misc.c
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/job.c
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/compat.c
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/do_command.c
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/user.c
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/config.h
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/entry.c
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.h
 * /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.c

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/env.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.c
```

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*/
```

\$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp \$

Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/man1, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. you should check this out.

say:
make all

su and say:
make install

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created. Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src  
crontab -u news -r /usr/lib/news/crontab.src  
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r' command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER' is given; `-u' only works for root. When using most `su' commands under most BSD's, `crontab' will still think of you as yourself even though you may think of yourself as root -- so use `-u' liberally. (3) the `-r' option stands for `replace'; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/INSTALL
```

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.\" */
.\"
.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\"

```

Found in path(s):

```

* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.1
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*/

```

Found in path(s):

```

* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/compat.h
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/pathnames.h
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/externs.h
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.\" */
.\"
.\" $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $
.\"

```

Found in path(s):

```

* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.8
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```

```

/*

```

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*
* @(#)bitstring.h 5.2 (Berkeley) 4/4/90
*/

```

Found in path(s):

```

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.\\" */
.\\"
.\\" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\\"
```

Found in path(s):

```
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## * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
## */
```

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up and rip out all the 'su' commands, collapse the lengthy lists into ranges with steps -- basically, this step is as much work as you want to make it)

start up the new cron

(must be done as root)

watch it. test it with 'crontab -r' and watch the daemon track your changes.

if you like it, change your /etc/{rc,rc.local} to use it instead of the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

Found in path(s):

* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/README

1.11 bind 9.16.1-0ubuntu2.11

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<xsl:stylesheet version="1.0"  
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"  
  xmlns:xi="http://www.w3.org/2001/XInclude"  
  xmlns:db="http://docbook.org/ns/docbook">  
  
  <xsl:template name="isc.copyright.format">  
    <xsl:param name="text"/>  
    <xsl:value-of select="$isc.copyright.leader"/>  
    <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>  
    <xsl:text>&#10;</xsl:text>  
    <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>  
    <xsl:if test="translate($rest, '&#9;&#32;', '')">  
      <xsl:call-template name="isc.copyright.format">  
        <xsl:with-param name="text" select="$rest"/>
```

```

    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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    file, You can obtain one at http://mozilla.org/MPL/2.0/.
  </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
      <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

```

<!--

- Local variables:
 - mode: sgml
 - End:

-->

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1.12 grep 3.4 1

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1.13 xz-te-liblzma 5.2.4-1

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Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>

<https://git.tukaani.org/xz.git>

Comment:

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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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changelog.gz (commit 975d8fd) explains:

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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),

Autoconf 2.52g

License: config-h

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dos/config.h was generated with autoheader, which tells Autoconf to

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Files: po/Makevars

Origin: gettext-runtime/po/Makevars (gettext-0.12)

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Authors: Bruno Haible

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1.14 libedit 3.1-20191231-1

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1.15 libpcap 1.9.1

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1.16 gnutls-te-core 3.6.13-2

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#####

Constant-time SSSE3 AES core implementation.

version 0.1

##

By Mike Hamburg (Stanford University), 2009

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#####

Constant-time SSSE3 AES core implementation.

version 0.1

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1.17 base-files 11ubuntu5.6

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```
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```
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```

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```
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```

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1.20 glibc 2.31-0ubuntu9.9

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Common Install process for linux/UNIX.

```
$> tar -xvzf libosip-x.x.x.tar.gz
$> mkdir bld-linux
$> CFLAGS="-I/usr/local/include/" ../configure
$> make
$> make install    (as root...)
/*
```

The oSIP library implements the Session Initiation Protocol (SIP -rfc3261-)
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*/

1.22 acl 2.2.53 6

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1.23 util-linux 2.34 0.1ubuntu9.3

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1.26 sensible-utils 0.0.12+nmu1

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```
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1.28 libassuan 2.5.3 7ubuntu2

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1.29 bzip2 1.0.8 2

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.30 c-ares 1.18.1

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/* Miniature re-implementation of the "check" library.

This is intended to support just enough of check to run the Expat
tests. This interface is based entirely on the portion of the
check library being used.

```
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 / _ \| / ' _ \| / _ \|  
 | _ \| \| | | | | |  
 \| / \| \ . \| \ . \|  
 | | XML parser
```

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

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

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

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

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

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated

interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

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

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

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

distribute.

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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.
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Ty Coon, President of Vice

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Version 3, 29 June 2007

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to

avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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

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1. Source Code.

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

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

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

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- 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.

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#+STARTUP: showall
```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.35 Idns 1.8.1

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/*

* Reads a zone file from disk and prints it to stdout, one RR per line.

* Adds artificial DS records and RRs.

* For the purpose of generating a test zone file

*

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```
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```

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```

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```

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

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1.38 tar 1.30+dfsg 7ubuntu0.20.04.2

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1.39 Isb 11.1.0ubuntu2

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1.40 mawk 1.3.4.20200120 2

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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1.41 libunistring 0.9.10 2

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Version 3, 29 June 2007

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1.43 p11-kit 0.23.20-1ubuntu0.1

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1.44 coreutils 8.30 3ubuntu2

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1.45 liburi-perl 1.76-2

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```
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```

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

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1.46 safeclib 4.1.9

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1.47 psmisc 23.3-1

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1.48 shadow 4.8.1-1ubuntu5.20.04.2

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1.49 diffutils 3.7-3

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A. HISTORY OF THE SOFTWARE

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

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

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

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

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

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1.52 libmnl 1.0.4 2

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/*

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```
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```

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```
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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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1.54 debianutils 4.9.1

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```

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1.55 nettle-te 3.5.1

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1.59 libnsl 2.31

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1.60 apr 1.6.5-1ubuntu1

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

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

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From dso/aix/dso.c:

* Based on libdl (dlfcn.c/dlfcn.h) which is

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

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

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From strings/apr_sprintf.c:

```
*  
* cvt - IEEE floating point formatting routines.  
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*
```

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1.61 keyutils 1.6-6ubuntu1.1

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```

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1.62 libgcrypt 1.8.5 5ubuntu1.1

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LIBGCRYPT Werner Koch 2001-06-07

Assigns past and future changes.

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

wk@gnupg.org

Designed and implemented Libgcrypt.

GNUPG Matthew Skala 1998-08-10

Disclaims changes.

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Wrote cipher/twofish.c.

GNUPG Natural Resources Canada 1998-08-11

Disclaims changes by Matthew Skala.

GNUPG Michael Roth Germany 1998-09-17

Assigns changes.
mroth@nessie.de
Wrote cipher/des.c.
Changes and bug fixes all over the place.

GNUPG Niklas Hernaes 1998-09-18
Disclaims changes.
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Weak key patches.

GNUPG Rmi Guyomarch 1999-05-25
Assigns past and future changes. (g10/compress.c, g10/encr-data.c,
g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)
rguyom@mail.dotcom.fr

ANY g10 Code GmbH 2001-06-07
Assignment for future changes terminated on 2012-12-04.
Code marked with ChangeLog entries of g10 Code employees.

LIBGCRYPT Timo Schulz 2001-08-31
Assigns past and future changes.
twoaday@freakmail.de

LIBGCRYPT Simon Josefsson 2002-10-25
Assigns past and future changes to FSF (cipher/{md4,crc}.c, CTR mode,
CTS/MAC flags, self test improvements)
simon@josefsson.org

LIBGCRYPT Moritz Schulte 2003-04-17
Assigns past and future changes.
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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
Assigns past and future changes. (new: src/libgrypt.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
Assigns Past and Future Changes
bradh@frogmouth.net
(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.

added SHA-224, changed cipher/sha256.c, added HMAC tests.)

LIBGCRYPT Hye-Shik Chang 2006-09-07
Assigns Past and Future Changes
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(SEED cipher)

LIBGCRYPT Werner Dittmann 2009-05-20
Assigns Past and Future Changes
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(mpi/amd64, tests/mpitests.c)

GNUPG David Shaw
Assigns past and future changes.
dshaw@jabberwocky.com
(cipher/camellia-glue.c and related stuff)

LIBGCRYPT Andrey Jivsov 2010-12-09
Assigns Past and Future Changes
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(cipher/ecc.c and related files)

LIBGCRYPT Ulrich Mller 2012-02-15
Assigns Past and Future Changes
ulm@gentoo.org
(Changes to cipher/idea.c and related files)

LIBGCRYPT Vladimir Serbinenko 2012-04-26
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(cipher/serpent.c)

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=====

Libgcrypt used to be part of GnuPG but has been taken out into its own package on 2000-12-21.

Most of the stuff in mpi has been taken from an old GMP library version by Torbjorn Granlund <tege@noisy.tmg.se>.

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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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1.68 hostname 3.23

1.68.1 Available under license :

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

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2009- Michael Meskes <meskes@debian.org>

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1.69 zlib 1.2.11.dfsg-2ubuntu1.4

1.69.1 Available under license :

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```
/* uncompr.c -- decompress a memory buffer
* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c
```

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```
/* inftrees.c -- generate Huffman trees for efficient decoding
* Copyright (C) 1995-2017 Mark Adler
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*/
```

Found in path(s):

```
* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infrees.c
```

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

```
/* gun.c -- simple gunzip to give an example of the use of inflateBack()
* Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
Version 1.7 12 August 2012 Mark Adler */
```

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c

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/* gzclose.c -- zlib gzclose() function

* Copyright (C) 2004, 2010 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c

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Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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```
/* trees.c -- output deflated data using Huffman coding
* Copyright (C) 1995-2017 Jean-loup Gailly
* detect_data_type() function provided freely by Cosmin Truta, 2006
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c
No license file was found, but licenses were detected in source scan.
```

```
/* unzip.h -- IO for uncompress .zip files using zlib
Version 1.1, February 14h, 2010
part of the MiniZip project - ( http://www.winimage.com/zLibDll/minizip.html )
```

Copyright (C) 1998-2010 Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications of Unzip for Zip64
Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip
Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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Changes

See header of unzip64.c

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h

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/* zutil.h -- internal interface and configuration of the compression library

* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler

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*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h

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/* gzappend -- command to append to a gzip file

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version 1.2, 11 Oct 2012

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c

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/* minigzip.c -- simulate gzip using the zlib compression library

* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h

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

/* deflate.h -- internal compression state

* Copyright (C) 1995-2016 Jean-loup Gailly

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*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h

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ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), [rfc1951](http://tools.ietf.org/html/rfc1951) (deflate format) and [rfc1952](http://tools.ietf.org/html/rfc1952) (gzip format).

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file `test/example.c` which also tests that the library is working correctly. Another example is given in the file `test/minigzip.c`. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of `Makefile.in`. In short `./configure; make test`, and if that goes well, `make install` should work for most flavors of Unix. For Windows, use one of the special makefiles in `win32/` or `contrib/vstudio/`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is <http://zlib.net/>. Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson [<markn@ieee.org>](mailto:markn@ieee.org) wrote an article about zlib for the Jan. 1997 issue of Dr. Dobbs's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/>.

The changes made in version 1.2.11 are documented in the file `ChangeLog`.

Unsupported third party contributions are provided in directory `contrib/`.

zlib is available in Java using the `java.util.zip` package, documented at <http://java.sun.com/developer/technicalArticles/Programming/compression/>.

A Perl interface to zlib written by Paul Marquess [<pmqs@cpan.org>](mailto:pmqs@cpan.org) is available at CPAN (Comprehensive Perl Archive Network) sites, including <http://search.cpan.org/~pmqs/IO-Compress-Zlib/>.

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see <http://docs.python.org/library/zlib.html> .

zlib is built into tcl: <http://wiki.tcl.tk/4610> .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.
- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzdopen is not supported on RISCOS or BEOS.
- For PalmOs, see <http://palmzlib.sourceforge.net/>

Acknowledgments:

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

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

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If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes. Please read the FAQ for more information on the distribution of modified source versions.

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README

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/* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c

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/* inflate.c -- zlib decompression

* Copyright (C) 1995-2016 Mark Adler

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*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c

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/* inffast.c -- fast decoding

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*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c

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/* gzwrite.c -- zlib functions for writing gzip files

* Copyright (C) 2004-2017 Mark Adler

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*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c

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

/* unzip.c -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

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Modifications for Zip64 support on both zip and unzip

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Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of compatibility with older software. The following is from the original crypt.c.

Code woven in by Terry Thorsen 1/2003.

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If, for some reason, all these files are missing, the Info-ZIP license also may be found at: <ftp://ftp.info-zip.org/pub/infozip/license.html>

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the non-echoing password parts) were originally written in Europe. The whole source package can be freely distributed, including from the USA. (Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from Roger Schlafly, described by Phil Katz in the file appnote.txt. This file (appnote.txt) is distributed with the PKZIP program (even in the version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).

Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G should only read the compressed/uncompressed size from the Zip64 format if the size from normal header was 0xFFFFFFFF

Oct-2009 - Mathias Svensson - Applied some bug fixes from patches received from Gilles Vollant

Oct-2009 - Mathias Svensson - Applied support to unzip files with compression method BZIP2 (bzip2 lib is required)

Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.c

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

/* Adler32.c -- compute the Adler-32 checksum of a data stream

* Copyright (C) 1995-2011, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c

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

/* gzread.c -- zlib functions for reading gzip files

* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c

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

/* inflate.h -- internal inflate state definition

* Copyright (C) 1995-2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h

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

/* crc32.c -- compute the CRC-32 of a data stream

* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*

* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster

* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing

* tables for updating the shift register in one step with three exclusive-ors

* instead of four steps with four exclusive-ors. This results in about a

* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c
No license file was found, but licenses were detected in source scan.

/* deflate.c -- compress data using the deflation algorithm

* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c
No license file was found, but licenses were detected in source scan.

/* zran.c -- example of zlib/gzip stream indexing and random access

* Copyright (C) 2005, 2012 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

Version 1.1 29 Sep 2012 Mark Adler */

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c

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

/* zutil.c -- target dependent utility functions for the compression library

* Copyright (C) 1995-2017 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c
No license file was found, but licenses were detected in source scan.

Not copyrighted -- provided to the public domain

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zlib_how.html

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

/* zpipe.c: example of proper use of zlib's inflate() and deflate()

Not copyrighted -- provided to the public domain

Version 1.4 11 December 2005 Mark Adler */

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c

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

```
/* infcover.c -- test zlib's inflate routines with full code coverage
* Copyright (C) 2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c
```

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

```
/* infback.c -- inflate using a call-back interface
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infback.c
```

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

```
/*
* gzlog.c
* Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
* For conditions of distribution and use, see copyright notice in gzlog.h
* version 2.2, 14 Aug 2012
*/
```

Found in path(s):

```
* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c
```

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

MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0. All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64 support for unzip.c into minizip for a open source project called gdal (<http://www.gdal.org/>)

That was used as a starting point. And after that ZIP64 support was added to zip.c some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

- * Added ZIP64 support for unzip (by Even Rouault)
- * Added ZIP64 support for zip (by Mathias Svensson)
- * Reverted some changes that Even Rouault did.
- * Bunch of patches received from Gilles Vollant that he received for MiniZip from various users.
- * Added unzip patch for BZIP Compression method (patch created by Daniel Borca)
- * Added BZIP Compression method for zip
- * Did some refactoring and code cleanup

Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout <http://result42.com/projects/ZipFileLayout>

Command line tool for Windows that shows the layout and information of the headers in a zip archive.
Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note <http://www.pkware.com/documents/casestudies/APPNOTE.TXT>
Zip File specification

Notes.

* To be able to use BZip compression method in zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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3. This notice may not be removed or altered from any source distribution.

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt

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

/*

Additional tools for Minizip

Code: Xavier Roche '2004

License: Same as ZLIB (www.gzip.org)

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c

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

/* zip.h -- IO on .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications for Zip64 support

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h

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

/* example.c -- usage example of the zlib compression library

* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/example.c

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

/* inftrees.h -- header to use inftrees.c

* Copyright (C) 1995-2005, 2010 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.h

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

/* zconf.h -- configuration of the zlib compression library

* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h

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

/* inffast.h -- header to use inffast.c

* Copyright (C) 1995-2003, 2010 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.h

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

/* gzlog.h

Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
version 2.2, 14 Aug 2012

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3. This notice may not be removed or altered from any source distribution.

Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h

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

/* fitblk.c: example of fitting compressed output to a specified size

Not copyrighted -- provided to the public domain

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c

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

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page

<http://zlib.net/> which may have more recent information.

The latest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the file `win32/DLL_FAQ.txt` in the zlib distribution. Pointers to the precompiled DLL are found in the zlib web site at <http://zlib.net/>.

3. Where can I get a Visual Basic interface to zlib?

See

* <http://marknelson.us/1997/01/01/zlib-engine/>

* `win32/DLL_FAQ.txt` in the zlib distribution

4. `compress()` returns `Z_BUF_ERROR`.

Make sure that before the call of `compress()`, the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual Basic, check that this parameter is passed by reference ("as any"), not by value ("as long").

5. `deflate()` or `inflate()` returns `Z_BUF_ERROR`.

Before making the call, make sure that `avail_in` and `avail_out` are not zero. When setting the parameter `flush` equal to `Z_FINISH`, also make sure that `avail_out` is big enough to allow processing all pending input. Note that a `Z_BUF_ERROR` is not fatal--another call to `deflate()` or `inflate()` can be made with more input or output space. A `Z_BUF_ERROR` may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when `strm.avail_out` returns with zero. See http://zlib.net/zlib_how.html for a

heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in `zlib.h`. Examples of zlib usage are in the files `test/example.c` and `test/minigzip.c`, with more in `examples/`.

7. Why don't you use GNU autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib. Please try to reproduce the problem with a small program and send the corresponding source to us at `zlib@gzip.org`. Do not send multi-megabyte data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

```
example.o(.text+0x154): undefined reference to `gzputc'
```

check that you don't have old files `libz.*` in `/usr/lib`, `/usr/local/lib` or `/usr/X11R6/lib`. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the `contrib/delphi` directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory `contrib/minizip` in the zlib distribution.

12. Can zlib handle .Z files?

No, sorry. You have to spawn an `uncompress` or `gunzip` subprocess, or adapt the code of `uncompress` on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

```
make distclean
./configure
```

make

14. How do I install a shared zlib library on Unix?

After the above, then:

make install

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and trying to install it, you may want to check if it's already there! If you can `#include <zlib.h>`, it's there. The `-lz` option will probably link to it. You can check the version at the top of `zlib.h` or with the `ZLIB_VERSION` symbol defined in `zlib.h`.

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16. Can zlib decode Flate data in an Adobe PDF file?

Yes. See <http://www.pdflib.com/>. To modify PDF forms, see <http://sourceforge.net/projects/acroformtool/>.

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

```
ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so:  
symbol __register_frame_info: referenced symbol not found
```

The symbol `__register_frame_info` is not part of zlib, it is generated by the C compiler (`cc` or `gcc`). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See <http://www.sunfreeware.com> for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The `compress` and `deflate` functions produce data in the zlib format, which is different and incompatible with the gzip format. The `gz*` functions in zlib on the other hand use the gzip format. Both the zlib and gzip formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The gzip format was designed to retain the directory information about a single file, such as the name and last modification date. The zlib format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than gzip.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib format using `deflateInit2()`. You can also request that inflate decode the gzip format using `inflateInit2()`. Read `zlib.h` for more details.

21. Is zlib thread-safe?

Yes. However any library routines that zlib uses and any application-provided memory allocation routines must also be thread-safe. zlib's `gz*` functions use `stdio` library routines, and most of zlib's functions use the library memory allocation routines by default. zlib's `*Init*` functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in `zlib.h`.

23. Is zlib under the GNU license?

No. Please read the license in `zlib.h`.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the `ZLIB_VERSION` and `ZLIB_VERNUM` #defines in `zlib.h`. In particular, the final version number needs to be changed to "f", and an identification string should be appended to `ZLIB_VERSION`. Version numbers `x.x.x.f` are reserved for modifications to zlib by others than the zlib maintainers. For example, if the version of the base zlib you are altering is "1.2.3.4", then in `zlib.h` you should change `ZLIB_VERNUM` to `0x123f`, and `ZLIB_VERSION` to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in `deflate.c` and `inftrees.c`.

For altered source distributions, you should also note the origin and nature of the changes in `zlib.h`, as well as in `ChangeLog` and `README`, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or

issues with the library.

Note that distributing a compiled zlib library along with `zlib.h` and `zconf.h` is also a source distribution, and so you should change `ZLIB_VERSION` and `ZLIB_VERNUM` and note the origin and nature of the changes in `zlib.h` as you would for a full source distribution.

25. Will zlib work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to zlib@gzip.org

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and zlib. However, you can look in zlib's `contrib/blast` directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use `Z_FULL_FLUSH`, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those points. You have to be careful to not use `Z_FULL_FLUSH` too often, since it can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See `examples/zran.c`.

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work. If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's `contrib/puff` directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

<http://www.gzip.org/#faq11>

32. Can zlib work with greater than 4 GB of data?

Yes. `inflate()` and `deflate()` will process any amount of data correctly. Each call of `inflate()` or `deflate()` is limited to input and output chunks of the maximum value that can be stored in the compiler's "unsigned int" type, but there is no limit to the number of chunks. Note however that the `strm.total_in` and `strm_total_out` counters may be limited to 4 GB. These counters are provided as a convenience and are not used internally by `inflate()` or `deflate()`. The application can easily set up its own counters updated after each call of `inflate()` or `deflate()` to count beyond 4 GB. `compress()` and `uncompress()` may be limited to 4 GB, since they operate in a single call. `gzseek()` and `gztell()` may be limited to 4 GB depending on how zlib is compiled. See the `zlibCompileFlags()` function in `zlib.h`.

The word "may" appears several times above since there is a 4 GB limit only if the compiler's "long" type is 32 bits. If the compiler's "long" type is 64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in `gzprintf()`. If zlib is compiled to use `sprintf()` or `vsprintf()`, then there is no protection against a buffer overflow of an 8K string space (or other value as set by `gzbuffer()`), other than the caller of `gzprintf()` assuring that the output will not exceed 8K. On the other hand, if zlib is compiled to use `snprintf()` or `vsnprintf()`, which should normally be the case, then there is no vulnerability. The `./configure` script will display warnings if an insecure variation of `sprintf()` will be used by `gzprintf()`. Also the `zlibCompileFlags()` function will return information on what variant of `sprintf()` is used by `gzprintf()`.

If you don't have `snprintf()` or `vsnprintf()` and would like one, you can find a portable implementation here:

<http://www.ijs.si/software/snprintf/>

Note that you should be using the most recent version of zlib. Versions 1.1.3 and before were subject to a double-free vulnerability, and versions 1.2.1 and 1.2.2 were subject to an access exception when decompressing invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included as part of the Java SDK in the `java.util.zip` package. If you really want a version of zlib written in the Java language, look on the zlib home page for links: <http://zlib.net/>.

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always works.

36. Valgrind (or some similar memory access checker) says that deflate is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses `malloc()` by default for allocations, whereas earlier versions used `calloc()`, which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the `comp.compression` FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption, use GnuPG, <http://www.gnupg.org/>, which already includes zlib compression. For PKZIP compatible "encryption", look at <http://www.info-zip.org/>

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate specification in RFC 1951, most notably Microsoft. So even though the

"deflate" transfer encoding using the zlib format would be the more efficient approach (and in fact exactly what the zlib format was designed for), using the "gzip" transfer encoding is probably more reliable due to an unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General Public License. Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):

```
* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ
```

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

```
/* compress.c -- compress a memory buffer
```

```
* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c

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

/* zlib.c -- zlib functions common to reading and writing gzip files

* Copyright (C) 2004-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c

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Altered source versions must be plainly marked as such, and must not be

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Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3

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/* gzguts.h -- zlib internal header definitions for gz* operations

* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1433822215_1664968662.012973/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h

1.70 cron 3.0pl1 136ubuntu1

1.70.1 Available under license :

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/* Copyright 1993,1994 by Paul Vixie

* All rights reserved

*

* Distribute freely, except: don't remove my name from the source or

* documentation (don't take credit for my work), mark your changes (don't

* get me blamed for your possible bugs), don't alter or remove this

* notice. May be sold if buildable source is provided to buyer. No

* warrantee of any kind, express or implied, is included with this

* software; use at your own risk, responsibility for damages (if any) to

* anyone resulting from the use of this software rests entirely with the

* user.

*

* Send bug reports, bug fixes, enhancements, requests, flames, etc., and
* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
*/

\$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp \$

Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/man1, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. you should check this out.

say:
make all

su and say:
make install

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created. Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r` command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER` is given; `-u` only works for root. When using most `su` commands under most BSD's, `crontab` will still think of you as yourself even though you may think of yourself as root -- so use `-u` liberally. (3) the `-r` option stands for `replace`; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux` and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/INSTALL
```

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```
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# *
# * Distribute freely, except: don't remove my name from the source or
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# * get me blamed for your possible bugs), don't alter or remove this
# * notice. May be sold if buildable source is provided to buyer. No
# * warrantee of any kind, express or implied, is included with this
# * software; use at your own risk, responsibility for damages (if any) to
# * anyone resulting from the use of this software rests entirely with the
# * user.
# *
# * Send bug reports, bug fixes, enhancements, requests, flames, etc., and
# * I'll try to keep a version up to date. I can be reached as follows:
# * Paul Vixie    <paul@vix.com>    uunet!decwrl!vixie!paul
```


*/

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

This is more or less the copyright that USENET contributed software usually has. Since ATT couldn't use this version if they had to freely distribute source, and since I'd love to see them use it, I'll offer some ridiculously low license fee just to have them take it. In the unlikely event that they do this, I will continue to support and distribute the pseudo-PD version, so please, don't flame me for wanting my work to see a wider distribution.

To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up

and rip out all the 'su' commands, collapse the lengthy

lists into ranges with steps -- basically, this step is

as much work as you want to make it)
start up the new cron
(must be done as root)
watch it. test it with 'crontab -r' and watch the daemon track your
changes.
if you like it, change your /etc/{rc,rc.local} to use it instead of
the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

Found in path(s):

* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/README

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

```
.\\"/* Copyright 1988,1990,1993 by Paul Vixie
.\\" * All rights reserved
.\\" *
.\\" * Distribute freely, except: don't remove my name from the source or
.\\" * documentation (don't take credit for my work), mark your changes (don't
.\\" * get me blamed for your possible bugs), don't alter or remove this
.\\" * notice. May be sold if buildable source is provided to buyer. No
.\\" * warrantee of any kind, express or implied, is included with this
.\\" * software; use at your own risk, responsibility for damages (if any) to
.\\" * anyone resulting from the use of this software rests entirely with the
.\\" * user.
.\\" *
.\\" * Send bug reports, bug fixes, enhancements, requests, flames, etc., and
.\\" * I'll try to keep a version up to date. I can be reached as follows:
.\\" * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\\" */
.\\"
.\\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\\"
```

Found in path(s):

* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.1

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* notice. May be sold if buildable source is provided to buyer. No
* warrantee of any kind, express or implied, is included with this
```

```
* software; use at your own risk, responsibility for damages (if any) to
* anyone resulting from the use of this software rests entirely with the
* user.
*
* Send bug reports, bug fixes, enhancements, requests, flames, etc., and
* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie    <paul@vix.com>    uunet!decwrl!vixie!paul
*/
```

Found in path(s):

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/compat.h
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/externs.h
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/pathnames.h
```

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```
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.\" Paul Vixie.
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.\" from this software without specific prior written permission.
.\" THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR
.\" IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
.\" WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
.\"
.\" @(#)bitstring.3 5.1 (Berkeley) 12/13/89
.\"
```

Found in path(s):

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/bitstring.3
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/Makefile
```

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

```
/* Copyright 1988,1990,1993,1994 by Paul Vixie
```

```
* All rights reserved
```

```
*
```

```
* Distribute freely, except: don't remove my name from the source or  
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* get me blamed for your possible bugs), don't alter or remove this  
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* software; use at your own risk, responsibility for damages (if any) to  
* anyone resulting from the use of this software rests entirely with the  
* user.
```

```
*
```

```
* Send bug reports, bug fixes, enhancements, requests, flames, etc., and
```

```
* I'll try to keep a version up to date. I can be reached as follows:
```

```
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/do_command.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/env.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/misc.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/job.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/entry.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/config.h
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/database.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.h
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/user.c
```

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.c
```

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* THIS SOFTWARE IS PROVIDED ``AS IS" AND WITHOUT ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
* WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
*
* @(#)bitstring.h 5.2 (Berkeley) 4/4/90
*/
```

Found in path(s):

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/bitstring.h
```

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* IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
* WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
*
*/
```

Found in path(s):

* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/popen.c

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.\"/>* software; use at your own risk, responsibility for damages (if any) to
.\"/>* anyone resulting from the use of this software rests entirely with the
.\"/>* user.
.\"/>*
.\"/>* Send bug reports, bug fixes, enhancements, requests, flames, etc., and
.\"/>* I'll try to keep a version up to date. I can be reached as follows:
.\"/>* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\"/>*/
.\"/>
.\"/> $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\"/>

```

Found in path(s):

* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.5

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.\"/>* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\"/>*/
.\"/>
.\"/> $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $

```

.\"

Found in path(s):

* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.8

1.71 net-tools 1.60+git20180626.aebd88e 1ubuntu1

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include/libssh/ecdh.h
include/libssh/ed25519.h
include/libssh/gssapi.h
include/libssh/kex.h
include/libssh/keys.h
include/libssh/legacy.h
include/libssh/libcrypto.h
include/libssh/libgcrypt.h
include/libssh/libssh.h
include/libssh/libsshpp.hpp
include/libssh/messages.h
include/libssh/misc.h
include/libssh/packet.h
include/libssh/pcap.h
include/libssh/pki.h
include/libssh/pki_priv.h
include/libssh/poll.h
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include/libssh/server.h
include/libssh/session.h
include/libssh/sftp.h
include/libssh/socket.h
include/libssh/string.h
include/libssh/threads.h
include/libssh/wrapper.h
src/auth1.c
src/base64.c
src/bignum.c
src/bind.c
src/buffer.c
src/client.c
src/connect.c
src/crc32.c
src/ecdh.c
src/error.c
src/gcrypt_missing.c
src/init.c
src/kex.c
src/kex1.c
src/legacy.c
src/libcrypto.c
src/libgcrypt.c
src/log.c
src/messages.c
src/packet.c

src/packet1.c
src/packet_cb.c
src/packet_crypt.c
src/pcap.c
src/pki_container_openssh.c
src/pki_ed25519.c
src/server.c
src/session.c
src/sftpserver.c
src/socket.c
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src/threads/pthread.c
src/wrapper.c
tests/benchmarks/bench_raw.c
tests/benchmarks/bench_scp.c
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tests/benchmarks/benchmarks.c
tests/benchmarks/benchmarks.h
tests/benchmarks/latency.c
tests/client/torture_algorithms.c
tests/client/torture_auth.c
tests/client/torture_connect.c
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include/libssh/ssh2.h
tests/authentication.c
tests/benchmarks/bench1.sh
tests/benchmarks/bench2.sh
tests/chmodtest.c
tests/client/torture_proxycommand.c
tests/client/torture_sftp_dir.c
tests/client/torture_sftp_read.c
tests/cmdline.c
tests/connection.c
tests/generate.py
tests/sftp_stress/main.c
tests/test_exec.c
tests/test_ssh_bind_accept_fd.c

tests/test_tunnel.c
tests/tests.h
tests/unittests/torture_buffer.c
tests/unittests/torture_callbacks.c
tests/unittests/torture_channel.c
tests/unittests/torture_init.c
tests/unittests/torture_isipaddr.c
tests/unittests/torture_keyfiles.c
tests/unittests/torture_list.c
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include/libssh/options.h
src/agent.c
src/callbacks.c
src/config.c
tests/client/torture_forward.c
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Files: src/match.c

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Files: include/libssh/knownhosts.h

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Comment:

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Files: src/poll.c

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Files: src/auth.c

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Files: src/getpass.c

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Files: src/gssapi.c

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Files: cmake/Modules/DefineCMakeDefaults.cmake

cmake/Modules/DefineCompilerFlags.cmake

cmake/Modules/DefineInstallationPaths.cmake

cmake/Modules/DefinePlatformDefaults.cmake

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Comment:

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Files: cmake/Modules/AddCMockaTest.cmake

cmake/Modules/CheckCCompilerFlagSSP.cmake

cmake/Modules/FindArgp.cmake

cmake/Modules/FindCMocka.cmake

cmake/Modules/FindGCrypt.cmake

cmake/Modules/FindGSSAPI.cmake

cmake/Modules/FindNaCl.cmake

cmake/Modules/FindNSIS.cmake

cmake/Modules/MacroEnsureOutOfSourceBuild.cmake

cmake/Modules/UseDoxygen.cmake

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Files: debian/*

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1.74 language-pack-en-base 20.04+20220818

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1.75 Imdb 0.9.24-1

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1.76 ncurses 6.2 Oubuntu2

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1.77 berkeley-db 5.3.28+dfsg1-0.6ubuntu2

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1.80 tdb 1.45.5

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1.81 json-cpp 1.8.1

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1.82 sed 4.7 1

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1.83 lz4 1.9.2 2ubuntu0.20.04.1

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

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

Files: *

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1.86 e2fsprogs-te 1.45.5-2

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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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<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_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 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

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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:
[tsx-11.mit.edu:/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu/pub/linux/packages/ext2fs/)

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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 translation files of the EXT2 file system utilities. The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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On Debian GNU systems, the complete text of the GNU General Public License can be found in `~/usr/share/common-licenses/GPL-2`. 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:
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```
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```

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1.87 tcp-wrappers 7.6.q-30

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```

```
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1.93 libffi 3.3 4

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1.94 libsemanage 3.0 1build2

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1.95 selinux 3.0-1build2

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1.96 boost 1.65.1

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1.97 icu 66.1 2ubuntu2.1

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## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%. $(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%. $(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

```



```

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*\1.o $@ :/g'" > $@; \
[ -s $@ ] || rm -f $@

## Versioned libraries rules

%.${SO}.${SO_TARGET_VERSION_MAJOR}: %.${SO}.${SO_TARGET_VERSION}
$(RM) $@ && ln -s ${<F} $@
%.${SO}: %.${SO}.${SO_TARGET_VERSION_MAJOR}
$(RM) $@ && ln -s ${*F}.${SO}.${SO_TARGET_VERSION} $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
This package was debianized by Jay Berkenbilt <qjb@debian.org> on
August 5, 2005.
The packaging was taken over by Laszlo Boszormenyi (GCS) <gcs@debian.org> on
Tue, 17 Mar 2015.

The original source was downloaded from
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1.100 pam 1.3.1-5ubuntu4.3

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1.101 gzip 1.10 Ubuntu4.1

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1.102 curl 7.58.0-DEV

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EOF

1.109 libcap-ng 0.7.9 2.1build1

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1.111 zstd 1.4.4+dfsg-3ubuntu0.1

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*/

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

*/

1.112 nghttp2 1.41.0

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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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1.113 json-c 0.13.1+dfsg-7ubuntu0.3

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1.114 curl 7.68.0-1ubuntu2.13

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1.115 popt 1.16-14

1.115.1 Available under license :

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

Upstream-Name: popt

Upstream-Contact: Jeff Johnson <jbj@rpm5.org>

Source: <http://rpm5.org/files/popt/>

Comment:

popt was originally written by Erik Troan when he was with RedHat. It's now maintained as part of Fedora.

Files: *

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1.116 syslog-ng 3.25.1-3

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1.117 iconv 2.31

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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.

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.

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.

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END OF TERMS AND CONDITIONS

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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.

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That's all there is to it!

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We call this license the "Lesser" General Public License because it

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

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the

Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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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.)

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

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

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

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

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

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

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

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

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

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

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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.)

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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 specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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1.125 sysv-init 2.96-2.1ubuntu1

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1.126 netbase 6.1

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

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

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/* CMU libsasl

* Tim Martin

* Rob Earhart

* Rob Siemborski

*/

/*

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* Rob Earhart
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* Rob Siemborski
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1.128 procps 3.3.16-1ubuntu2.3

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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

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

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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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.

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1.129 pcre 10.34-7ubuntu0.1

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
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Cambridge, England.

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1.130 ivykis 0.42.4-1

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1.131 e2fsprogs-te-libuuid 1.45.5-2

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Theodore Ts'o
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That's all there is to it!

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

all:: image

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

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

```
image: $(BSD_LIB)
```

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

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

```
install-strip: install
```

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

clean::

\$(RM) -rf pic

\$(RM) -f \$(BSD_LIB)

\$(RM) -f ../\$(BSD_LIB)

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 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 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

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 translation files of the EXT2 file system utilities. The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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1.132 perl 5.30.0 9ubuntu0.2

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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 humanity, 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>
```

```
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 1, 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) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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

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

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

That's all there is to it!

```
/* doio.c
*
* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000,
* 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 by Larry Wall and others
*
* You may distribute under the terms of either the GNU General Public
* License or the Artistic License, as specified in the README file.
*
*/
```

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package,

while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

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c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

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a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

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Package.

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The End

```
# To give due honour to those who have made Perl 5 what it is today,  
# here are easily-from-changelogs-extractable people and their  
# (hopefully) current and preferred email addresses from the commits.  
# These people have either submitted patches or suggestions, or their bug  
# reports or comments have inspired the appropriate patches. Corrections,  
# additions, deletions welcome; send them to perlbug@perl.org, preferably  
# as the output of diff(1), diff -u or diff -c between the original and a  
# corrected version of this file.
```

```
#
```

```
# The use of this database for anything else than Perl development  
# is strictly forbidden. (Passive distribution with the Perl source  
# code kit is, of course, allowed.)
```

```
#
```

```
# This should contain the preferred addresses. Alternate addresses are in  
# Porting/checkAUTHORS.pl.
```

```
#
```

```
# After editing, please run: make test_porting
```

```
--
```

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Ævar Arnfjörð Bjarmason <avar@cpan.org>

1.133 snmp 3.3.11

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```
/*_#####  
_##  
_## smival.h  
_##  
_## SNMP++ v3.3  
_## -----  
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_##  
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_##  
_#####*/
```

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```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-  
thousandeyes/include/snmp_pp/smival.h
```

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```
/*_#####  
_##  
_## log.cpp  
_##  
_## SNMP++ v3.3  
_## -----  
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/log.cpp
No license file was found, but licenses were detected in source scan.
```

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Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/m4/lib-ld.m4
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/m4/lib-link.m4
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```

```
/*_#####
_##
_## notifyqueue.h
_##
_## SNMP++ v3.3
_## -----
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/notifyqueue.h
```

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

```
/*_#####
_##
_## snmpWalk.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/snmpWalk.cpp
```

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

```
/*_#####
_##
_## snmpTraps.cpp
_##
```

```

_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/

```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/snmpTraps.cpp
```

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

```

/*_#####
_##
_## snmperrs.h
_##
_## SNMP++ v3.3
_## -----
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_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/snmperrs.h
```

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```
/*_#####
_##
_## mp_v3.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/mp_v3.h
```

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```
/*_#####
_##
_## notifyqueue.cpp
_##
```



```

_## SNMP++ v3.3
_## -----
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_#####*/

```

Found in path(s):

```

*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/notifyqueue.cpp

```

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```

/*_#####
_##
_## target.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/target.h
```

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Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/Makefile.hpux11
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/Makefile.gcc_solaris
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/common.mk
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/Makefile.bcc
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/configure.ac
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/Makefile.linux
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/Makefile.bcc
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/Makefile.dunix
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/Makefile.aix5
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/Makefile.solaris
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/common.mk
```

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```
/*_#####
_##
_## snmpDiscover.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
```

```

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_###
_#####*/

```

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```

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thousandeyes/consoleExamples/snmpDiscover.cpp

```

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```

/*_#####
_###
_### asn1.h
_###
_### SNMP++ v3.3
_### -----
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```

```
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/include/snmp_pp/asn1.h

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```
/*_#####*/
```

```
_##
_## sha.h
_##
_## SNMP++ v3.3
_## -----
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_#####*/
```

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

```
* SHS.h - Secure Hash Standard (draft) FIPS 180-1 *
* *
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* Copyright (C) 1994 IBM T. J. Watson esearch Center *
* *
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* code. *
```

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

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-

thousandeyes/include/snmp_pp/sha.h

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```
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_##
_## IPv6Utility.cpp
_##
_## SNMP++ v3.3
_## -----
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```

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* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-

thousandeyes/src/IPv6Utility.cpp

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```
/*_#####  
_##  
_## ctr64.cpp  
_##  
_## SNMP++ v3.3  
_## -----  
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_##  
_#####*/
```

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```
/*_#####  
_##  
_## oid_def.h  
_##  
_## SNMP++ v3.3  
_## -----  
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock  
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_#####*/

```

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```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/oid_def.h

```

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```

/*_#####
_##
_## gauge.cpp
_##
_## SNMP++ v3.3
_## -----
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_##
_#####*/

```

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```

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thousandeyes/src/gauge.cpp

```

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```
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_##  
_## libsnmp.h  
_##  
_## SNMP++ v3.3  
_## -----  
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_##  
_#####*/
```

Found in path(s):

- * /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/libsnmp.h
- * /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/libsnmp.h.in

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```
/*_#####  
_##  
_## md5.h  
_##  
_## SNMP++ v3.3  
_## -----  
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_##  
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_##
_#####*/
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```

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*/

Found in path(s):

*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/include/snmp_pp/md5.h

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```

/*_#####
_##
_## md5c.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##

```

```

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*/

Found in path(s):

*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/md5c.cpp
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```

/*_#####
_##
_## address.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock

```

```
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/address.h
```

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```
/*_#####
_##
_## timetick.cpp
_##
_## SNMP++ v3.3
_## -----
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_##  
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-  
thousandeyes/src/timetick.cpp
```

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```
/*_#####  
_##  
_## target.cpp  
_##  
_## SNMP++ v3.3  
_## -----  
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
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_##  
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/target.cpp
```

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

```
/*_#####  
_##  
_## test_app.cpp  
_##  
_## SNMP++ v3.3  
_## -----  
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock  
_##
```

```
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/test_app.cpp
```

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```
/*_#####
_##
_## snmpmsg.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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```

```
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/snmpmsg.cpp

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```
/*_#####*/
```

```
_##
_## msgqueue.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
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_##
_#####*/
```

Found in path(s):

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

```
/*_#####*/
```

```
_##
_## uxsnmp.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
```

```

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_#####*/

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/uxsnmp.h

```

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```

# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_have_std.html
# =====
#
# SYNOPSIS
#
# AX_CXX_HAVE_STD
#
# DESCRIPTION
#
# If the compiler supports ISO C++ standard library (i.e., can include the
# files iostream, map, iomanip and cmath), define HAVE_STD.
#
# LICENSE
#
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```

```

AU_ALIAS([AC_CXX_HAVE_STD], [AX_CXX_HAVE_STD])
AC_DEFUN([AX_CXX_HAVE_STD],
[AC_CACHE_CHECK(whether the compiler supports ISO C++ standard library,
ax_cv_cxx_have_std,
[AC_REQUIRE([AX_CXX_NAMESPACES])
AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([#include <iostream>
#include <map>
#include <iomanip>
#include <cmath>
#ifdef HAVE_NAMESPACES
using namespace std;
#endif],[return 0;],
ax_cv_cxx_have_std=yes, ax_cv_cxx_have_std=no)
AC_LANG_RESTORE
])
if test "$ax_cv_cxx_have_std" = yes; then
AC_DEFINE(HAVE_STD,,[define if the compiler supports ISO C++ standard library])
fi
])

```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/m4/acx_cxx_have_std.m4
```

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```

/*_#####
_##
_## snmpGet.cpp
_##
_## SNMP++ v3.3
_## -----
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/snmpGet.cpp
```

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```
/*_#####
_##
_## smi.h
_##
_## SNMP++ v3.3
_## -----
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/smi.h
```

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```
/*_#####
_##
_## snmpNext.cpp
_##
```

```

_## SNMP++ v3.3
_## -----
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_#####*/

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/snmpNext.cpp

```

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```

/*_#####
_##
_## pdu.h
_##
_## SNMP++ v3.3
_## -----
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```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/pdu.h
```

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```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_header_std_cxx_0x.html
# =====
#
# SYNOPSIS
#
# AX_CXX_HEADER_STDCXX_0X
#
# DESCRIPTION
#
# Check for library coverage of the C++0x standard.
#
# LICENSE
#
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```

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```
AU_ALIAS([AC_CXX_HEADER_STDCXX_0X], [AX_CXX_HEADER_STDCXX_0X])
AC_DEFUN([AX_CXX_HEADER_STDCXX_0X], [
AC_CACHE_CHECK(for ISO C++ 0x include files,
ax_cv_cxx_std_cxx_0x,
[AC_REQUIRE([AC_COMPILE_STDCXX_0X])
AC_LANG_SAVE
AC_LANG_CPLUSPLUS
ac_save_CXXFLAGS="$CXXFLAGS"
CXXFLAGS="$CXXFLAGS -std=gnu++0x"
```

```
AC_TRY_COMPILE([
#include <cassert>
#include <complex>
```

```
#include <cctype>
#include <cerrno>
#include <cfenv>
#include <cfloat>
#include < cinttypes>
#include <ciso646>
#include <climits>
#include <locale>
#include <cmath>
#include <csetjmp>
#include <csignal>
#include <cstdalign>
#include <cstdarg>
#include <cstdbool>
#include <cstddef>
#include <cstdint>
#include <cstdio>
#include <cstdlib>
#include <cstring>
#include <ctgmath>
#include <ctime>
#include <cwchar>
#include <cwctype>

#include <algorithm>
#include <array>
#include <atomic>
#include <bitset>
#include <chrono>
#include <complex>
#include <condition_variable>
#include <deque>
#include <exception>
#include <forward_list>
#include <fstream>
#include <functional>
#include <future>
#include <initializer_list>
#include <iomanip>
#include <ios>
#include <iosfwd>
#include <iostream>
#include <istream>
#include <iterator>
#include <limits>
#include <list>
#include <locale>
#include <map>
```

```

#include <memory>
#include <mutex>
#include <new>
#include <numeric>
#include <ostream>
#include <queue>
#include <random>
#include <ratio>
#include <regex>
#include <scoped_allocator>
#include <set>
#include <sstream>
#include <stack>
#include <stdexcept>
#include <streambuf>
#include <string>
#include <system_error>
#include <thread>
#include <tuple>
#include <typeindex>
#include <typeinfo>
#include <type_traits>
#include <unordered_map>
#include <unordered_set>
#include <utility>
#include <valarray>
#include <vector>
],,
ax_cv_cxx_stdcxx_0x=yes, ax_cv_cxx_stdcxx_0x=no)
AC_LANG_RESTORE
CXXFLAGS="$ac_save_CXXFLAGS"
])
if test "$ax_cv_cxx_stdcxx_0x" = yes; then
  AC_DEFINE(STDCXX_0X_HEADERS,,[Define if ISO C++ 0x header files are present. ])
fi
])

Found in path(s):
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/m4/acx_cxx_header_stdcxx_0x.m4
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_##
_## idea.cpp
_##
_## SNMP++ v3.3
_## -----

```

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_#####*/
/*
```

idea.c

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Created: Sun Jun 25 02:59:39 1995 ylo

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Verlag, Konstanz, Switzerland, 1992. Another source was Bruce
Schneier: Applied Cryptography, John Wiley & Sons, 1994.

The IDEA mathematical formula may be covered by one or more of the
following patents: PCT/CH91/00117, EP 0 482 154 B1, US Pat. 5,214,703.

*/

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/idea.cpp

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

```
/* _#####
_##
_## reentrant.h
```

```

_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##
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_##
_#####*/

```

Found in path(s):

```

*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/reentrant.h

```

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

```

/*_#####
_##
_## pdu.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```

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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/pdu.cpp

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

```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_compile_stdcxx_0x.html
# =====
#
# SYNOPSIS
#
# AX_CXX_COMPILE_STDCXX_0X
#
# DESCRIPTION
#
# Check for baseline language coverage in the compiler for the C++0x
# standard.
#
# LICENSE
#
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AU_ALIAS([AC_CXX_COMPILE_STDCXX_0X], [AX_CXX_COMPILE_STDCXX_0X])
AC_DEFUN([AX_CXX_COMPILE_STDCXX_0X], [
AC_CACHE_CHECK(if g++ supports C++0x features without additional flags,
ax_cv_cxx_compile_cxx0x_native,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([
template <typename T>
struct check
{
static_assert(sizeof(int) <= sizeof(T), "not big enough");
};
```



```

typedef check<check<bool>> right_angle_brackets;

int a;
decltype(a) b;

typedef check<int> check_type;
check_type c;
check_type&& cr = static_cast<check_type&&>(c);],,
ax_cv_cxx_compile_cxx0x_native=yes, ax_cv_cxx_compile_cxx0x_native=no)
AC_LANG_RESTORE
])

```

```

AC_CACHE_CHECK(if g++ supports C++0x features with -std=c++0x,
ax_cv_cxx_compile_cxx0x_cxx,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
ac_save_CXXFLAGS="$CXXFLAGS"
CXXFLAGS="$CXXFLAGS -std=c++0x"
AC_TRY_COMPILE([
template <typename T>
struct check
{
    static_assert(sizeof(int) <= sizeof(T), "not big enough");
};

```

```

typedef check<check<bool>> right_angle_brackets;

```

```

int a;
decltype(a) b;

```

```

typedef check<int> check_type;
check_type c;
check_type&& cr = static_cast<check_type&&>(c);],,
ax_cv_cxx_compile_cxx0x_cxx=yes, ax_cv_cxx_compile_cxx0x_cxx=no)
CXXFLAGS="$ac_save_CXXFLAGS"
AC_LANG_RESTORE
])

```

```

AC_CACHE_CHECK(if g++ supports C++0x features with -std=gnu++0x,
ax_cv_cxx_compile_cxx0x_gxx,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
ac_save_CXXFLAGS="$CXXFLAGS"
CXXFLAGS="$CXXFLAGS -std=gnu++0x"
AC_TRY_COMPILE([
template <typename T>
struct check

```

```

{
    static_assert(sizeof(int) <= sizeof(T), "not big enough");
};

typedef check<check<bool>> right_angle_brackets;

int a;
decltype(a) b;

typedef check<int> check_type;
check_type c;
check_type&& cr = static_cast<check_type&&>(c);,
ax_cv_cxx_compile_cxx0x_gxx=yes, ax_cv_cxx_compile_cxx0x_gxx=no)
CXXFLAGS="$ac_save_CXXFLAGS"
AC_LANG_RESTORE
)

if test "$ax_cv_cxx_compile_cxx0x_native" = yes ||
    test "$ax_cv_cxx_compile_cxx0x_cxx" = yes ||
    test "$ax_cv_cxx_compile_cxx0x_gxx" = yes; then
    AC_DEFINE(HAVE_STDCXX_0X,,[Define if g++ supports C++0x features. ])
fi
)

```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/m4/ax_cxx_compile_stdcxx_0x.m4

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```

/*_#####
_##
_## snmp_pp.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```

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_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/snmp_pp.h
```

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

```
/*_#####
_##
_## integer.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/integer.cpp
```

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

```
/*_#####
_##
_## oid.cpp
```

```

_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/

```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/oid.cpp

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```

/*_#####
_##
_## snmpNextAsync.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/snmpNextAsync.cpp
```

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

```
/*_#####
_##
_## auth_priv.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/auth_priv.h
```

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

```
/*_#####
_##
_## msgqueue.h
_##
```

```

_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_#####*/

```

Found in path(s):

```

*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/msgqueue.h

```

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```

/*_#####
_##
_## vb.h
_##
_## SNMP++ v3.3
_## -----
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/vb.h
```

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```
/*_#####*/
_##
_## idea.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_##
_#####*/
/*
```

idea.h

Author: Tatu Ylonen <ylo@cs.hut.fi>

Copyright (c) 1995 Tatu Ylonen <ylo@cs.hut.fi>, Espoo, Finland
All rights reserved

Created: Sun Jun 25 04:44:30 1995 ylo

The IDEA encryption algorithm.

*/

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/include/snmp_pp/idea.h

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```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_have_stl.html
# =====
#
# SYNOPSIS
#
# AX_CXX_HAVE_STL
#
# DESCRIPTION
#
# If the compiler supports the Standard Template Library, define HAVE_STL.
#
# LICENSE
#
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# Copyright (c) 2008 Luc Maisonobe <luc@spaceroots.org>
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AU_ALIAS([AC_CXX_HAVE_STL], [AX_CXX_HAVE_STL])
AC_DEFUN([AX_CXX_HAVE_STL],
[AC_CACHE_CHECK(whether the compiler supports Standard Template Library,
ax_cv_cxx_have_stl,
[AC_REQUIRE([AX_CXX_NAMESPACES])
AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([#include <list>
#include <deque>
#ifdef HAVE_NAMESPACES
using namespace std;
#endif],[list<int> x; x.push_back(5);
list<int>::iterator iter = x.begin(); if (iter != x.end()) ++iter; return 0;],
ax_cv_cxx_have_stl=yes, ax_cv_cxx_have_stl=no)
```


AC_LANG_RESTORE

)

if test "\$ax_cv_cxx_have_stl" = yes; then

AC_DEFINE(HAVE_STL,,[define if the compiler supports Standard Template Library])

fi

)

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/m4/acx_cxx_have_stl.m4

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```

/*_#####
_##
_## snmpmsg.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/

```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/include/snmp_pp/snmpmsg.h

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```

/*_#####
_##
_## counter.cpp
_##

```

```

_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/

```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/counter.cpp
```

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```

/*_#####
_##
_## ctr64.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/ctr64.h
```

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```
/*_#####
_##
_## address.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/address.cpp
```

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

```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_header_stdcxx_tr1.html
# =====
#
```

```

# SYNOPSIS
#
# AX_CXX_HEADER_STDCXX_TR1
#
# DESCRIPTION
#
# Check for library coverage of the TR1 standard.
#
# LICENSE
#
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AU_ALIAS([AC_CXX_HEADER_STDCXX_TR1], [AX_CXX_HEADER_STDCXX_TR1])
AC_DEFUN([AX_CXX_HEADER_STDCXX_TR1], [
AC_CACHE_CHECK(for ISO C++ TR1 include files,
ax_cv_cxx_stdcxx_tr1,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([
#include <tr1/array>
#include <tr1/complex>
#include <tr1/cctype>
#include <tr1/cfenv>
#include <tr1/cfloat>
#include <tr1/cinttypes>
#include <tr1/climits>
#include <tr1/cmath>
#include <tr1/complex>
#include <tr1/cstdarg>
#include <tr1/cstdbool>
#include <tr1/cstdint>
#include <tr1/cstdio>
#include <tr1/cstdlib>
#include <tr1/ctgmath>
#include <tr1/ctime>
#include <tr1/cwchar>
#include <tr1/cwctype>
#include <tr1/functional>
#include <tr1/memory>
#include <tr1/random>
#include <tr1/regex>

```

```

#include <tr1/tuple>
#include <tr1/type_traits>
#include <tr1/unordered_set>
#include <tr1/unordered_map>
#include <tr1/utility>
),
ax_cv_cxx_stdcxx_tr1=yes, ax_cv_cxx_stdcxx_tr1=no)
AC_LANG_RESTORE
)
if test "$ax_cv_cxx_stdcxx_tr1" = yes; then
  AC_DEFINE(STDCXX_TR1_HEADERS,,[Define if ISO C++ TR1 header files are present. ])
fi
)

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/m4/acx_cxx_header_stdcxx_tr1.m4

```

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

```

/* #####
_ ##
_ ## octet.cpp
_ ##
_ ## SNMP++ v3.3
_ ## -----
_ ## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_ ##
_ ## This software is based on SNMP++2.6 from Hewlett Packard:
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_ ## upon this software code base.
_ ##
_ #####*/

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/octet.cpp

```

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

```
/*_#####
_##
_## vb.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/vb.cpp
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Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/build-
aux/config.rpath
No license file was found, but licenses were detected in source scan.

```
/*_#####
_##
_## collect.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
```

```

_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/

```

Found in path(s):

```

*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/collect.h

```

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

```

/*_#####
_##
_## gauge.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```

```
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/gauge.h
```

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

```
/*_#####
_##
_## v3.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/v3.cpp
No license file was found, but licenses were detected in source scan.
```

```
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# and/or its documentation is hereby granted without fee. User agrees
```

Found in path(s):

```
*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
```


thousandeyes/consoleExamples/Makefile.linux
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/Makefile.solaris
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/Makefile.dunix
No license file was found, but licenses were detected in source scan.

```
/*_#####  
_##  
_## config_snmp_pp.h.in  
_##  
_## SNMP++ v3.3  
_## -----  
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
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_##  
_#####*/
```

Found in path(s):
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/config_snmp_pp.h.in
No license file was found, but licenses were detected in source scan.

```
/*_#####  
_##  
_## v3.h  
_##  
_## SNMP++ v3.3  
_## -----  
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:
```

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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/v3.h
```

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

```
/*_#####
_##
_## timetick.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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```

#####*/

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/include/snmp_pp/timetick.h

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

/* #####*/

```
_##
_## usm_v3.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_## #####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/usm_v3.cpp

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

/* #####*/

```
_##
_## IPv6Utility.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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```
_##
_#####*/
```

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- * PERFORMANCE OF THIS SOFTWARE.
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Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/include/snmp_pp/IPv6Utility.h

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```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_namespaces.html
# =====
```

#

SYNOPSIS

#

AX_CXX_NAMESPACES

#

DESCRIPTION

```

#
# If the compiler can prevent names clashes using namespaces, define
# HAVE_NAMESPACES.
#
# LICENSE
#
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# Copyright (c) 2008 Luc Maisonobe <luc@spaceroots.org>
#
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AU_ALIAS([AC_CXX_NAMESPACES], [AX_CXX_NAMESPACES])
AC_DEFUN([AX_CXX_NAMESPACES],
[AC_CACHE_CHECK(whether the compiler implements namespaces,
ax_cv_cxx_namespaces,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([namespace Outer { namespace Inner { int i = 0; } }],
[using namespace Outer::Inner; return i;],
ax_cv_cxx_namespaces=yes, ax_cv_cxx_namespaces=no)
AC_LANG_RESTORE
])
if test "$ax_cv_cxx_namespaces" = yes; then
AC_DEFINE(HAVE_NAMESPACES,,[define if the compiler implements namespaces])
fi
])

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/m4/acx_cxx_namespaces.m4

```

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```

/* #####
_##
_## sha.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
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```

```

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_##
_#####*/
/*****
* SHS.c - Secure Hash Standard (draft) FIPS 180-1      *
*                                           *
* Copyright (C) 1994 Uri Blumenthal, uri@watson.ibm.com *
* Copyright (C) 1994 IBM T. J. Watson esearch Center   *
*                                           *
* Feel free to use this code, as long as you acknowledge the *
* ownership by U. Blumenthal and IBM Corp. and agree to hold *
* both harmless in case of ANY problem you may have with this *
* code.                                           *
*****/

```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/sha.cpp

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```

/*_#####
_##
_## auth_priv.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/auth_priv.cpp

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```
/*_#####
_##
_## counter.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/include/snmp_pp/counter.h

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

```
/*_#####
```

```

_##
_## snmpBulk.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_##
_#####*/

```

Found in path(s):

```

*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/snmpBulk.cpp

```

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```

/*_#####
_##
_## eventlist.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/eventlist.cpp
```

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

```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_namespace_std.html
# =====
#
# SYNOPSIS
#
# AX_CXX_NAMESPACE_STD
#
# DESCRIPTION
#
# If the compiler supports namespace std, define HAVE_NAMESPACE_STD.
#
# LICENSE
#
# Copyright (c) 2009 Todd Veldhuizen
# Copyright (c) 2009 Luc Maisonobe <luc@spaceroots.org>
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AU_ALIAS([AC_CXX_NAMESPACE_STD], [AX_CXX_NAMESPACE_STD])
AC_DEFUN([AX_CXX_NAMESPACE_STD], [
AC_CACHE_CHECK(if g++ supports namespace std,
ax_cv_cxx_have_std_namespace,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([#include <iostream>
                std::istream& is = std::cin;],,
ax_cv_cxx_have_std_namespace=yes, ax_cv_cxx_have_std_namespace=no)
```

```
AC_LANG_RESTORE
)
if test "$ax_cv_cxx_have_std_namespace" = yes; then
  AC_DEFINE(HAVE_NAMESPACE_STD,,[Define if g++ supports namespace std. ])
fi
)
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/m4/acx_cxx_namespace_std.m4

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

```
/*_#####
_##
_## snmpInform.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## upon this software code base.
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/consoleExamples/snmpInform.cpp

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

```
/*_#####
_##
_## octet.h
_##
```

```

_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_##
_#####*/

```

Found in path(s):

```

*/opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/octet.h

```

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

```

/*_#####
_##
_## asn1.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```

```
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/asn1.cpp

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

```
/*_#####
_##
_## eventlistholder.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/include/snmp_pp/eventlistholder.h

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

```
/*_#####
_##
_## oid.h
_##
_## SNMP++ v3.3
```

```

_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_##
_#####*/

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/oid.h

```

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

```

/*_#####
_##
_## reentrant.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```

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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/reentrant.cpp

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

```
/*_#####
_##
_## snmpWalkThreads.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/consoleExamples/snmpWalkThreads.cpp

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

```
/*_#####
_##
_## eventlist.h
_##
_## SNMP++ v3.3
```

```

_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_#####*/

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/eventlist.h

```

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

```

/*_#####
_##
_## integer.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/integer.h
```

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

```
/*_#####
_##
_## eventlistholder.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/eventlistholder.cpp
```

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

```
/*_#####
_##
_## usm_v3.h
_##
_## SNMP++ v3.3
```



```

_## -----
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_##
_#####*/

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/usm_v3.h

```

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

```

/*_#####
_##
_## uxsnmpp.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
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```

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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/uxsnmp.cpp
```

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```
/*_#####
_##
_## msec.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/msec.h
```

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

```
/*_#####
_##
_## snmpPasswd.cpp
_##
_## SNMP++ v3.3
```

```

_## -----
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_##
_#####*/

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/snmpPasswd.cpp

```

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

```

# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_header_std_cxx_98.html
# =====
#
# SYNOPSIS
#
# AX_CXX_HEADER_STDCXX_98
#
# DESCRIPTION
#
# Check for complete library coverage of the C++1998/2003 standard.
#
# LICENSE
#
# Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>
#
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# permitted in any medium without royalty provided the copyright notice
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```

#serial 6

```
AU_ALIAS([AC_CXX_HEADER_STDCXX_98], [AX_CXX_HEADER_STDCXX_98])
AC_DEFUN([AX_CXX_HEADER_STDCXX_98], [
AC_CACHE_CHECK(for ISO C++ 98 include files,
ax_cv_cxx_stdexx_98,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([
#include <cassert>
#include <cctype>
#include <cerrno>
#include <cfloat>
#include <ciso646>
#include <climits>
#include <locale>
#include <cmath>
#include <csetjmp>
#include <csignal>
#include <cstdarg>
#include <cstdlib>
#include <cstdio>
#include <cstdliblib>
#include <cstring>
#include <ctime>

#include <algorithm>
#include <bitset>
#include <complex>
#include <deque>
#include <exception>
#include <fstream>
#include <functional>
#include <iomanip>
#include <ios>
#include <iosfwd>
#include <iostream>
#include <istream>
#include <iterator>
#include <limits>
#include <list>
#include <locale>
#include <map>
#include <memory>
#include <new>
#include <numeric>
#include <ostream>
#include <queue>
```

```

#include <set>
#include <sstream>
#include <stack>
#include <stdexcept>
#include <streambuf>
#include <string>
#include <typeinfo>
#include <utility>
#include <valarray>
#include <vector>
],,
ax_cv_cxx_stdcxx_98=yes, ax_cv_cxx_stdcxx_98=no)
AC_LANG_RESTORE
])
if test "$ax_cv_cxx_stdcxx_98" = yes; then
  AC_DEFINE(STDCXX_98_HEADERS,,[Define if ISO C++ 1998 header files are present. ])
fi
])

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/m4/acx_cxx_header_stdcxx_98.m4

```

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```

/*_#####
_##
_## receive_trap.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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```

```
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/consoleExamples/receive_trap.cpp

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```
/*_#####*/
```

```
_##
_## msec.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_#####*/
```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/src/msec.cpp

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```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_templates.html
# =====
#
# SYNOPSIS
#
# AX_CXX_TEMPLATES
#
# DESCRIPTION
```

```

#
# If the compiler supports basic templates, define HAVE_TEMPLATES.
#
# LICENSE
#
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# Copyright (c) 2008 Luc Maisonobe <luc@spaceroots.org>
#
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#serial 6

AU_ALIAS([AC_CXX_TEMPLATES], [AX_CXX_TEMPLATES])
AC_DEFUN([AX_CXX_TEMPLATES],
[AC_CACHE_CHECK(whether the compiler supports basic templates,
ax_cv_cxx_templates,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([template<class T> class A {public:A(){} };
template<class T> void f(const A<T>& ){}],[
A<double> d; A<int> i; f(d); f(i); return 0;],
ax_cv_cxx_templates=yes, ax_cv_cxx_templates=no)
AC_LANG_RESTORE
])
if test "$ax_cv_cxx_templates" = yes; then
AC_DEFINE(HAVE_TEMPLATES,,[define if the compiler supports basic templates])
fi
])

Found in path(s):
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/m4/acx_cxx_templates.m4
No license file was found, but licenses were detected in source scan.

# lib-prefix.m4 serial 7 (gettext-0.18)
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dnl This file is free software; the Free Software Foundation
dnl gives unlimited permission to copy and/or distribute it,
dnl with or without modifications, as long as this notice is preserved.

dnl From Bruno Haible.

dnl AC_LIB_ARG_WITH is synonymous to AC_ARG_WITH in autoconf-2.13, and
dnl similar to AC_ARG_WITH in autoconf 2.52...2.57 except that it doesn't
dnl require excessive bracketing.

```

```

ifdef([AC_HELP_STRING],
[AC_DEFUN([AC_LIB_ARG_WITH], [AC_ARG_WITH([$1],[[2]],[$3],[4])]),
[AC_DEFUN([AC_] [LIB_ARG_WITH], [AC_ARG_WITH([$1],[2],[3],[4])])]

dnl AC_LIB_PREFIX adds to the CPPFLAGS and LDFLAGS the flags that are needed
dnl to access previously installed libraries. The basic assumption is that
dnl a user will want packages to use other packages he previously installed
dnl with the same --prefix option.
dnl This macro is not needed if only AC_LIB_LINKFLAGS is used to locate
dnl libraries, but is otherwise very convenient.
AC_DEFUN([AC_LIB_PREFIX],
[
AC_BEFORE([$0], [AC_LIB_LINKFLAGS])
AC_REQUIRE([AC_PROG_CC])
AC_REQUIRE([AC_CANONICAL_HOST])
AC_REQUIRE([AC_LIB_PREPARE_MULTILIB])
AC_REQUIRE([AC_LIB_PREPARE_PREFIX])
dnl By default, look in $includedir and $libdir.
use_additional=yes
AC_LIB_WITH_FINAL_PREFIX([
eval additional_includedir="\$includedir"
eval additional_libdir="\$libdir"
])
AC_LIB_ARG_WITH([lib-prefix],
[ --with-lib-prefix[=DIR] search for libraries in DIR/include and DIR/lib
--without-lib-prefix don't search for libraries in includedir and libdir],
[
if test "X$withval" = "Xno"; then
use_additional=no
else
if test "X$withval" = "X"; then
AC_LIB_WITH_FINAL_PREFIX([
eval additional_includedir="\$includedir"
eval additional_libdir="\$libdir"
])
else
additional_includedir="$withval/include"
additional_libdir="$withval/$ac1_libdirstem"
fi
fi
])
if test $use_additional = yes; then
dnl Potentially add $additional_includedir to $CPPFLAGS.
dnl But don't add it
dnl 1. if it's the standard /usr/include,
dnl 2. if it's already present in $CPPFLAGS,
dnl 3. if it's /usr/local/include and we are using GCC on Linux,
dnl 4. if it doesn't exist as a directory.

```



```

if test "X$additional_includedir" != "X/usr/include"; then
  haveit=
  for x in $CPPFLAGS; do
    AC_LIB_WITH_FINAL_PREFIX([eval x=\ "$x\"])
    if test "X$x" = "X-I$additional_includedir"; then
      haveit=yes
      break
    fi
  done
  if test -z "$haveit"; then
    if test "X$additional_includedir" = "X/usr/local/include"; then
      if test -n "$GCC"; then
        case $host_os in
          linux* | gnu* | k*bsd*-gnu) haveit=yes;;
        esac
      fi
    fi
    if test -z "$haveit"; then
      if test -d "$additional_includedir"; then
        dnl Really add $additional_includedir to $CPPFLAGS.
        CPPFLAGS="{ $CPPFLAGS } $CPPFLAGS:+ }-I$additional_includedir"
      fi
    fi
  fi
fi
fi
dnl Potentially add $additional_libdir to $LD_FLAGS.
dnl But don't add it
dnl 1. if it's the standard /usr/lib,
dnl 2. if it's already present in $LD_FLAGS,
dnl 3. if it's /usr/local/lib and we are using GCC on Linux,
dnl 4. if it doesn't exist as a directory.
if test "X$additional_libdir" != "X/usr/$acl_libdirstem"; then
  haveit=
  for x in $LD_FLAGS; do
    AC_LIB_WITH_FINAL_PREFIX([eval x=\ "$x\"])
    if test "X$x" = "X-L$additional_libdir"; then
      haveit=yes
      break
    fi
  done
  if test -z "$haveit"; then
    if test "X$additional_libdir" = "X/usr/local/$acl_libdirstem"; then
      if test -n "$GCC"; then
        case $host_os in
          linux*) haveit=yes;;
        esac
      fi
    fi
  fi
fi

```

```

if test -z "$haveit"; then
  if test -d "$additional_libdir"; then
    dnl Really add $additional_libdir to $LD_FLAGS.
    LD_FLAGS="{LD_FLAGS}{LD_FLAGS:+ }-L$additional_libdir"
  fi
fi
fi
fi
fi
)

```

dnl AC_LIB_PREPARE_PREFIX creates variables acl_final_prefix, acl_final_exec_prefix, containing the values to which \$prefix and \$exec_prefix will expand at the end of the configure script.

```

AC_DEFUN([AC_LIB_PREPARE_PREFIX],
[
dnl Unfortunately, prefix and exec_prefix get only finally determined
dnl at the end of configure.
if test "X$prefix" = "XNONE"; then
  acl_final_prefix="$ac_default_prefix"
else
  acl_final_prefix="$prefix"
fi
if test "X$exec_prefix" = "XNONE"; then
  acl_final_exec_prefix='${prefix}'
else
  acl_final_exec_prefix="$exec_prefix"
fi
acl_save_prefix="$prefix"
prefix="$acl_final_prefix"
eval acl_final_exec_prefix=\`$acl_final_exec_prefix\`
prefix="$acl_save_prefix"
])

```

dnl AC_LIB_WITH_FINAL_PREFIX([statement]) evaluates statement, with the variables prefix and exec_prefix bound to the values they will have at the end of the configure script.

```

AC_DEFUN([AC_LIB_WITH_FINAL_PREFIX],
[
  acl_save_prefix="$prefix"
  prefix="$acl_final_prefix"
  acl_save_exec_prefix="$exec_prefix"
  exec_prefix="$acl_final_exec_prefix"
  $1
  exec_prefix="$acl_save_exec_prefix"
  prefix="$acl_save_prefix"
])

```

```

dnl AC_LIB_PREPARE_MULTILIB creates
dnl - a variable acl_libdirstem, containing the basename of the libdir, either
dnl "lib" or "lib64" or "lib/64",
dnl - a variable acl_libdirstem2, as a secondary possible value for
dnl acl_libdirstem, either the same as acl_libdirstem or "lib/sparcv9" or
dnl "lib/amd64".
AC_DEFUN([AC_LIB_PREPARE_MULTILIB],
[
dnl There is no formal standard regarding lib and lib64.
dnl On glibc systems, the current practice is that on a system supporting
dnl 32-bit and 64-bit instruction sets or ABIs, 64-bit libraries go under
dnl $prefix/lib64 and 32-bit libraries go under $prefix/lib. We determine
dnl the compiler's default mode by looking at the compiler's library search
dnl path. If at least one of its elements ends in /lib64 or points to a
dnl directory whose absolute pathname ends in /lib64, we assume a 64-bit ABI.
dnl Otherwise we use the default, namely "lib".
dnl On Solaris systems, the current practice is that on a system supporting
dnl 32-bit and 64-bit instruction sets or ABIs, 64-bit libraries go under
dnl $prefix/lib/64 (which is a symlink to either $prefix/lib/sparcv9 or
dnl $prefix/lib/amd64) and 32-bit libraries go under $prefix/lib.
AC_REQUIRE([AC_CANONICAL_HOST])
acl_libdirstem=lib
acl_libdirstem2=
case "$host_os" in
solaris*)
dnl See Solaris 10 Software Developer Collection > Solaris 64-bit Developer's Guide > The Development
Environment
dnl <http://docs.sun.com/app/docs/doc/816-5138/dev-env?l=en&a=view>.
dnl "Portable Makefiles should refer to any library directories using the 64 symbolic link."
dnl But we want to recognize the sparcv9 or amd64 subdirectory also if the
dnl symlink is missing, so we set acl_libdirstem2 too.
AC_CACHE_CHECK([for 64-bit host], [gl_cv_solaris_64bit],
[AC_EGREP_CPP([sixtyfour bits], [
#ifdef _LP64
sixtyfour bits
#endif
], [gl_cv_solaris_64bit=yes], [gl_cv_solaris_64bit=no])
])
if test $gl_cv_solaris_64bit = yes; then
acl_libdirstem=lib/64
case "$host_cpu" in
sparc*) acl_libdirstem2=lib/sparcv9 ;;
i*86 | x86_64) acl_libdirstem2=lib/amd64 ;;
esac
fi
;;
*)
searchpath=`(LC_ALL=C $CC -print-search-dirs) 2>/dev/null | sed -n -e 's,^libraries: ,,p' | sed -e 's,^=,,'`

```

```

if test -n "$searchpath"; then
  acl_save_IFS="{IFS= }"; IFS=":"
  for searchdir in $searchpath; do
    if test -d "$searchdir"; then
      case "$searchdir" in
        */lib64/ | */lib64 ) acl_libdirstem=lib64 ;;
        */./ | */..)
          # Better ignore directories of this form. They are misleading.
          ;;
        *) searchdir=`cd "$searchdir" && pwd`
          case "$searchdir" in
            */lib64 ) acl_libdirstem=lib64 ;;
            esac ;;
          esac
        fi
      done
      IFS="$acl_save_IFS"
    fi
  ;;
esac
test -n "$acl_libdirstem2" || acl_libdirstem2="$acl_libdirstem"
)

```

Found in path(s):

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-thousandeyes/m4/lib-prefix.m4

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

```

/*_#####
_##
_## mp_v3.cpp
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##
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_## hereby grants a royalty-free license to any and all derivatives based
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/src/mp_v3.cpp
```

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

```
/*_#####
_##
_## log.h
_##
_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/include/snmp_pp/log.h
```

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

```
/*_#####
_##
_## snmpSet.cpp
_##
```

```

_## SNMP++ v3.3
_## -----
_## Copyright (c) 2001-2013 Jochen Katz, Frank Fock
_##
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_##
_#####*/

```

Found in path(s):

```

* /opt/cola/permits/1092443240_1602702969.27/0/snmp-pp-thousandeyes-zip/snmp_pp-
thousandeyes/consoleExamples/snmpSet.cpp

```

1.134 headline 8.0-4

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```
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```

```
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1.136 nghttp2 1.40.0-1build1

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set yrange [0:]

set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024

set xtics rotate by -45

set style histogram errorbars gap 2 lw 1

set style fill solid border -1

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1.137 cdebconf 0.251ubuntu1

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1.138 cpp 10.3.0-1ubuntu1~20.04

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support/man2html.c

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1.140 grpc 1.25.0

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# Sample app that accesses a Calc service running on a Ruby gRPC server and
# helps validate RpcServer as a gRPC server using proto2 serialization.
#
```

1.141 mime-support 3.64ubuntu1

1.141.1 Available under license :

```
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Source: git://anonscm.debian.org/collab-maint/mime-support.git
```

Files: *

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Files: mailcap.man

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Comment: Author: Nathaniel S. Borenstein

1.142 kerberos 1.17-6ubuntu4.1

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cmd/krb5/kadmin/server/ipropl_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
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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/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/iprop_hdr.h
kadmin/server/ipropd_svc.c

lib/kdb/iprof.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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