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1.3 libxtst 1.2.3 2

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1.4 xorg-xkbcomp 1.4.2 1

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1.5 threading-building-blocks 2019.8-1

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1.8 opencore-amr 0.1.5 2

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- *
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1.9 kerberos 1.17-1

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lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
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lib/krb5/kadm5/kadm_host_srv_names.c
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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
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
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1.10 networkd-dispatcher 1.7 3

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1.11 expat 2.2.7

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1.12 ns-exec-tools 0.0.2 2

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1.13 lz4 1.9.2

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Upstream-Name: liblz4

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

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

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1.14 goprotobuf 1.3.1

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1.15 pkg-sftp 1.8.2

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1.16 xorg-xsetroot 1.1.2 1

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

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

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

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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0 | 2.6 | 2008 | PSF | yes |
| 3.0.1 | 3.0 | 2009 | PSF | yes |
| 3.1 | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1 | 2009 | PSF | yes |
| 3.1.2 | 3.1.1 | 2010 | PSF | yes |
| 3.1.3 | 3.1.2 | 2010 | PSF | yes |
| 3.1.4 | 3.1.3 | 2011 | PSF | yes |
| 3.2 | 3.1 | 2011 | PSF | yes |
| 3.2.1 | 3.2 | 2011 | PSF | yes |
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| 3.3 | 3.2 | 2012 | PSF | yes |

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

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

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see <http://www.zope.com>). In 2001, the Python Software
Foundation (PSF, see <http://www.python.org/psf/>) was formed, a
non-profit organization created specifically to own Python-related
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All Python releases are Open Source (see <http://www.opensource.org> for
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| Release | Derived from | Year | Owner | GPL- compatible? (1) |
|----------------|-----------------|-----------|-------|-------------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |

| | | | | |
|-------|-----------|-----------|------------|---------|
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0 | 2.6 | 2008 | PSF | yes |
| 3.0.1 | 3.0 | 2009 | PSF | yes |
| 3.1 | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1 | 2009 | PSF | yes |
| 3.1.2 | 3.1 | 2010 | PSF | yes |
| 3.2 | 3.1 | 2010 | PSF | yes |

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This package contains a modified version of ca-bundle.crt:

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

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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1.19 pierrec-lz4 2.3.0

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1.20 zlib 1.2.11

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

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

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

*/

1.21 procps 3.3.15-1

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1.22 google-api-go-client 0.6.0

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1.24 udev 1.6.14

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1.25 gcfg 1.4.0

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1.26 libgcrypt 1.8.6

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1.31 storcli 1.23.02 2

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1.32 hicolor-icon-theme 0.17 1

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1.33 pflag 1.0.5

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1.34 hashicorp-serf 0.8.5

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1.35 Idns 1.7.1

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#!/bin/sh
## DO NOT EDIT - This file generated from ./build-aux/ltmain.in
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# Provide generalized library-building support services.
# Written by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996

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/* From openssl 4.3p2 filename openssl-compat/fake-rfc2553.h */

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/* from openssl 4.3p2 compat/strlcpy.c */

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* FILE: sha2.c

* AUTHOR: Aaron D. Gifford - <http://www.aarongifford.com/>

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*

* Modified by Jelte Jansen to fit in ldns, and not clash with any
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* Changes:

* - Renamed (external) functions and constants to fit ldns style

* - Removed `_End` and `_Data` functions

* - Added `ldns_shaX(data, len, digest)` convenience functions

* - Removed prototypes of `_Transform` functions and made those static

*

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* \$Id: sha2.c,v 1.1 2001/11/08 00:01:51 adg Exp adg \$

*/

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1.36 xorg-xset 1.2.4 1

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1.37 go-colorable 0.1.4

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1.38 zstd 1.4.2-1

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1.39 lvm2 2.03.10

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1.40 luajit 2.0.3

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1.41 elfutils 0.176-1

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```
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1.46 gettext 0.19.8.1-3

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@subheading END OF TERMS AND CONDITIONS

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@end smallexample
```

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```

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

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@enumerate a

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@end enumerate

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@item

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

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@end enumerate

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

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

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@end enumerate

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

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

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

@smallexample

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

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

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it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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@end smallexample

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

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

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

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

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

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

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

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Public License instead of this License.

The gettext-runtime package is partially under the LGPL and partially under the GPL.

The following parts are under the LGPL, see file intl/COPYING.LIB:

- the libintl and libasprintf libraries and their header files,
- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

The following parts are under the GPL, see file COPYING in the toplevel directory:

- the `_programs_` gettext, ngettext, envsubst,
- the documentation.

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Version 2.1, February 1999

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

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

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

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

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

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

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

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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- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

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

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

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

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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.

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

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

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1.47 python 3.7.9

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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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```
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@import './layout';
```

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<http://github.com/gogo/protobuf>

Go support for Protocol Buffers - Google's data interchange format

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```
%notice {
  border-radius: $radius-small;
  border-width: 1px;
}
%notice-success,
%notice-info,
%notice-highlight,
%notice-error,
%notice-warning {
  @extend %notice;
}
%notice-success {
  @extend %frame-green-500, %with-passing;
}
%notice-info {
  @extend %frame-blue-500, %with-passing; /* needs a better info button*/
}
%notice-highlight {
  @extend %frame-gray-800, %with-star;
}
%notice-warning {
  @extend %frame-yellow-500, %with-warning;
}
%notice-error {
  @extend %frame-red-500, %with-critical;
}
%notice-highlight::before {
  /* %with-star, bigger */
  width: 16px;
  height: 16px;
}
%notice-success::before {
  color: $color-success;
}
%notice-info::before {
  color: $color-action; /* change to info */
}
%notice-error::before {
  color: $color-failure;
```

}

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layout: api

page_title: License - Operator - HTTP API

sidebar_current: api-operator-license

description: |-

The /operator/license endpoints allow for setting and retrieving the Consul Enterprise License.

License - Operator HTTP API

~> ****Enterprise Only!**** This API endpoint and functionality only exists in Consul Enterprise. This is not present in the open source version of Consul.

The licensing functionality described here is available only in [Consul Enterprise](https://www.hashicorp.com/products/consul/) version 1.1.0 and later.

Getting the Consul License

This endpoint gets information about the current license.

| Method | Path | Produces |
|--------|-------------------|------------------|
| GET | /operator/license | application/json |

The table below shows this endpoint's support for [blocking queries](/api/features/blocking.html), [consistency modes](/api/features/consistency.html), [agent caching](/api/features/caching.html), and [required ACLs](/api/index.html#authentication).

| Blocking Queries | Consistency Modes | Agent Caching | ACL Required |
|------------------|-------------------|---------------|--------------|
| NO | all | none | none |

Parameters

- dc (string: "") - Specifies the datacenter whose license should be retrieved. This will default to the datacenter of the agent serving the HTTP request. This is specified as a URL query parameter.

Sample Request

```
text
$ curl \
  http://127.0.0.1:8500/v1/operator/license
```

Sample Response

```
json
{
```

```

"Valid": true,
"License": {
  "license_id": "2afbf681-0d1a-0649-cb6c-333ec9f0989c",
  "customer_id": "0259271d-8ffc-e85e-0830-c0822c1f5f2b",
  "installation_id": "*",
  "issue_time": "2018-05-21T20:03:35.911567355Z",
  "start_time": "2018-05-21T04:00:00Z",
  "expiration_time": "2019-05-22T03:59:59.999Z",
  "product": "consul",
  "flags": {
    "package": "premium"
  },
  "features": [
    "Automated Backups",
    "Automated Upgrades",
    "Enhanced Read Scalability",
    "Network Segments",
    "Redundancy Zone",
    "Advanced Network Federation"
  ],
  "temporary": false
},
"Warnings": []
}
```

```

### ## Updating the Consul License

This endpoint updates the Consul license and returns some of the license contents as well as any warning messages regarding its validity.

| Method | Path              | Produces         |
|--------|-------------------|------------------|
| PUT    | /operator/license | application/json |

The table below shows this endpoint's support for [blocking queries](/api/features/blocking.html), [consistency modes](/api/features/consistency.html), [agent caching](/api/features/caching.html), and [required ACLs](/api/index.html#authentication).

| Blocking Queries | Consistency Modes | Agent Caching | ACL Required   |
|------------------|-------------------|---------------|----------------|
| NO               | none              | none          | operator:write |

### ### Parameters

- dc (string: "") - Specifies the datacenter whose license should be updated.

This will default to the datacenter of the agent serving the HTTP request.  
This is specified as a URL query parameter.

### ### Sample Payload

The payload is the raw license blob.

### ### Sample Request

```
```text
$ curl \
  --request PUT \
  --data @consul.license \
  http://127.0.0.1:8500/v1/operator/license
```
```

### ### Sample Response

```
```json
{
  "Valid": true,
  "License": {
    "license_id": "2afbf681-0d1a-0649-cb6c-333ec9f0989c",
    "customer_id": "0259271d-8ffc-e85e-0830-c0822c1f5f2b",
    "installation_id": "*",
    "issue_time": "2018-05-21T20:03:35.911567355Z",
    "start_time": "2018-05-21T04:00:00Z",
    "expiration_time": "2019-05-22T03:59:59.999Z",
    "product": "consul",
    "flags": {
      "package": "premium"
    },
  },
  "features": [
    "Automated Backups",
    "Automated Upgrades",
    "Enhanced Read Scalability",
    "Network Segments",
    "Redundancy Zone",
    "Advanced Network Federation"
  ],
  "temporary": false
},
"Warnings": []
}
```
```

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- >>> appengine-ca59ef35f409df61fa4a5f8290ff289b37eccfb8
- >>> aws\_aws-sdk-go\_aws-master
- >>> coreos\_etcd\_client-781196fa8746d6c34ace2a62898051af6dc46002
- >>> coreos\_etcd\_version-781196fa8746d6c34ace2a62898051af6dc46002
- >>> coreos\_go-semver\_semver-5e3acbb5668c4c3deb4842615c4098eb61fb6b1e
- >>> docker\_distribution-28602af35aceda2f8d571bad7ca37a54cf0250bc
- >>> docker\_go-events-aa2e3b613fbbfdddbe055a7b9e3ce271cfd83eca
- >>> docker\_libnetwork-fd27f22aaa35e3d57f88688f919d05b744f431fd
- >>> docker\_libtrust-9cbd2a1374f46905c68a4eb3694a130610adc62a
- >>> go-openapi\_analysis-d5a75b7d751ca3f11ad5d93cfe97405f2c3f6a47
- >>> go-openapi\_errors-fc3f73a224499b047eda7191e5d22e1e9631e86f
- >>> go-openapi\_jsonpointer-779f45308c19820f1a69e9a4cd965f496e0da10f
- >>> go-openapi\_jsonreference-36d33bfe519efae5632669801b180bf1a245da3b
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- >>> golang\_groupcache\_lru-72d04f9fcdec7d3821820cc4a6f150eae553639a
- >>> govmomi-v0.17.1
- >>> maruel\_panicparse\_stack-25bcac0d793cf4109483505a0d66e066a3a90a80
- >>> oxtoacart/bpool-4e1c5567d7c2dd59fa4c7c83d34c2f3528b025d6
- >>> syncutil\_singleflight-7ce08ca145dbe0e66a127c447b80ee7914f3e4f9
- >>> vdemeester\_shakers-24d7f1d6a71aa5d9cbe7390e4afb66b7eef9e1b3
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- >>> vishvananda\_netns-604eaf189ee867d8c147fafc28def2394e878d25
- >>> yaml\_v2-4c78c975fe7c825c6d1466c42be594d1d6f3aba6

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>>> codegangsta_cli-master
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>>> hpccloud_tail-a30252cb686a21eb2d0b98132633053ec2f7f1e5
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### SECTION 3: Mozilla Public License, V2.0

>>> d2g\_dhcp4client-master  
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>>> hashicorp\_memberlist-cef12ad58224d55cf26caa9e3d239c2fcb3432a2

## PART 2. VIRTUAL APPLIANCE: OPERATING SYSTEM LAYER

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>>> dbus-1.11.12-1.ph2

### SECTION 2: Apache License, V2.0

>>> photon-release-2.0-2.ph2

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>>> bzip2-1.0.6-8.ph2  
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>>> expat-2.2.4-1.ph2  
>>> iputils-20151218-4.ph2  
>>> krb5-1.16-2.ph2  
>>> libarchive-3.3.1-2.ph2  
>>> libcap-2.25-7.ph2



>>> libdb-5.3.28-1.ph2  
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>>> linux-pam-1.3.0-1.ph2  
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>>> openssh-7.5p1-11.ph2  
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>>> pcre-8.41-1.ph2  
>>> poprt-1.16-5.ph2  
>>> shadow-4.2.1-16.ph2  
>>> sqlite-3.22.0-3.ph2  
>>> sudo-1.8.20p2-5.ph2  
>>> vim-8.0.0533-6.ph2  
>>> xz-5.2.3-2.ph2  
>>> zlib-1.2.11-1.ph2

#### SECTION 4: GNU General Public License, V2.0

>>> e2fsprogs-1.43.4-2.ph2  
>>> gcc-6.3.0-7.ph2  
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>>> bash-4.4.12-3.ph2  
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>>> haveged-1.9.1-4.ph2  
>>> readline-7.0-2.ph2

#### SECTION 6: GNU Lesser General Public License, V2.1

>>> cracklib-2.9.6-8.ph2  
>>> glibc-2.26-13.ph2  
>>> hawkey-2017.1-6.ph2  
>>> kmod-24-3.ph2  
>>> libgcrypt-1.8.1-2.ph2  
>>> libgpg-error-1.27-1.ph2  
>>> systemd-233-18.ph2

#### SECTION 7: GNU Lesser General Public License, V3.0

>>> gmp-6.1.2-2.ph2

#### SECTION 8: GNU Library General Public License, V2.0

>>> glib-2.52.1-3.ph2

#### SECTION 9: Mozilla Public License, V2.0

>>> ca-certificates-20180919-1.ph2  
>>> nspr-4.15-1.ph2  
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>>> docker_libnetwork-fd27f22aaa35e3d57f88688f919d05b744f431fd
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>>> d2g\_dhcp4-f0e4d29ff0231dce36e250b2ed9ff08412584bca

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>>> gemnasium\_logrus-airbrake-hook\_v2-31e6fd4bd5a98d8ee7673d24bc54ec73c31810dd

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>>> godbus\_dbus-230e4b23db2fd81c53eaa0073f76659d4849ce51

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>>> gogo\_protobuf\_gogoproto-6a92c871a8f5333cf106b2cdf937567208dbb2b7

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```

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Protocol Buffers for Go with Gadgets

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<http://github.com/gogo/protobuf>

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>>> jessevd_k-go-flags-97448c91aac742cbca3d020b3e769013a420a06f
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>>> julienschmidt/httprouter-975b5c4c7c21c0e3d2764200bf2aa8e34657ae6e

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>>> mitchellh\_mapstructure-5a0325d7fafaac12dda6e7fb8bd222ec1b69875e

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tomb - support for clean goroutine termination in Go.

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>>> urfave/negroni-ccc4a14984828dcb944e6f17fa4a967b18624f2b

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>>> urfave\_cli\_v1-0bdeedeeb0f650497d603c4ad7b20cfe685682f6

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>>> x\_crypto\_acme-728b753d0135da6801d45a38e6f43ff55779c5c2

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crypto-728b753d0135da6801d45a38e6f43ff55779c5c2.tar.gz|crypto-728b753d0135da6801d45a38e6f43ff55779c5c2.tar|crypto-728b753d0135da6801d45a38e6f43ff55779c5c2|pkcs12|internal|rc2|rc2.go
```

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```
>>> x_crypto_curve25519-728b753d0135da6801d45a38e6f43ff55779c5c2
```

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728b753d0135da6801d45a38e6f43ff55779c5c2.tar\crypto-
728b753d0135da6801d45a38e6f43ff55779c5c2\curve25519\square_amd64.s
```

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crypto-728b753d0135da6801d45a38e6f43ff55779c5c2.tar.gz\crypto-
728b753d0135da6801d45a38e6f43ff55779c5c2.tar\crypto-
728b753d0135da6801d45a38e6f43ff55779c5c2\pkcs12\internal\rc2\rc2.go
```

<https://www.ietf.org/rfc/rfc2268.txt>  
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```
>>> x_crypto_ed25519-728b753d0135da6801d45a38e6f43ff55779c5c2
```

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See <http://libtom.org/?page=features&newsitems=5&whatfile=crypt>.  
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It was heavily inspired by the go blowfish package.

```
>>> x_crypto_nacl_secretbox-728b753d0135da6801d45a38e6f43ff55779c5c2
```

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```

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```
>>> x_crypto_poly1305-728b753d0135da6801d45a38e6f43ff55779c5c2
```

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```

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```
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net-a6577fac2d73be281a500b310739095313165611.tar.gz\net-a6577fac2d73be281a500b310739095313165611.tar\net-a6577fac2d73be281a500b310739095313165611\html\testdata\webkit\README
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>>> x\_net\_http2-a6577fac2d73be281a500b310739095313165611

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a6577fac2d73be281a500b310739095313165611/html\testdata\webkit\README
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a6577fac2d73be281a500b310739095313165611\html\testdata\webkit\README
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```

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+build appengine

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It is designed to run only on the instance of godoc that serves golang.org.  
package short

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```
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```

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"src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c

lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

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

include/ipropr\_hdr.h  
kadmin/server/ipropr\_svc.c  
lib/kdb/ipropr.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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ASM: a very small and fast Java bytecode manipulation framework

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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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SHA-1 in C

By Steve Reid <sreid@sea-to-sky.net>

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>>> lsof-4.89-2.ph2

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>>> ncurses-6.0-14.ph2

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

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

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Files: \*

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

```
>>> openssh-7.5p1-11.ph2
```

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@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>  
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>  
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>>> pcre-8.41-1.ph2

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## THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel  
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GNU su man page

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TH su 1 "18 August 1999" "GNU Shell Utilities 20"

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

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Written by Eric Sandeen <sandeen@redhat.com>

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mkinstalldirs --- make directory hierarchy

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chkconfig: 2345 11 89  
description: sets up CBQ-based traffic control

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Script created by: Stephen R. van den Berg <srb@cuci.nl>, 1999/04/18

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IPv6 Hop Limit Target module

Maciej Soltysiak <solt@dns.toxicfilms.tv>

Based on HW's ttl target

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SYN signatures. Those signatures work for SYN packets only (duh!).

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This C header file is part of the SoftFloat IEC/IEEE Floating-point Arithmetic Package, Release 2.

Written by John R. Hauser. This work was made possible in part by the International Computer Science Institute, located at Suite 600, 1947 Center Street, Berkeley, California 94704. Funding was partially provided by the National Science Foundation under grant MIP-9311980. The original version of this code was written as part of a project to build a fixed-point vector processor in collaboration with the University of California at Berkeley, overseen by Profs. Nelson Morgan and John Wawrzynek. More information is available through the Web page <http://www.jhauser.us/arithmatic/SoftFloat-2b/SoftFloat-source.txt>

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A more complete resource is the third edition of "Linux Device Drivers" by Jonathan Corbet, Alessandro Rubini, and Greg Kroah-Hartman. LDD3 is available for free (under Creative Commons License) from:

<http://lwn.net/Kernel/LDD3/>

However, keep in mind that all documents are subject to "bit rot". Refer to the source code if things are not working as described here.

Please send questions/comments/patches about Linux PCI API to the "Linux PCI" <[linux-pci@atrey.karlin.mff.cuni.cz](mailto:linux-pci@atrey.karlin.mff.cuni.cz)> mailing list.

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Written by Andrew Lutomirski, 2011-2014.

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```

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mkinstalldirs --- make directory hierarchy

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line - read one line

Gunnar Ritter, Freiburg i. Br., Germany, December 2000.

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uidparse.c --- Interpret uuid encoded information. This program violates the UUID abstraction barrier by reaching into the guts of a UUID.

Based on libuuid/src/uuid\_time.c  
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From Simon Josefsson  
-- derivated from coreutils m4/warnings.m4

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setpwnam.c -- edit an entry in a password database.

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Edited 11/10/96 (DD/MM/YY ;- ) by Nicolai Langfeldt (janl@math.uio.no) to read /etc/passwd directly so that passwd, chsh and chfn can work on machines that run NIS (previously YP). Changes will not be made to usernames starting with +.

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Usage:

- 1) get a struct passwd from getpwnam().  
You should assume a struct passwd has an infinite number of fields, so you should not try to create one from scratch.
- 2) edit the fields you want to edit.
- 3) call setpwnam() with the edited struct passwd.

A `_normal user_` program should never directly manipulate `etc/passwd` but /use `getpwnam()` and (family, as well as) `setpwnam()`.

But, `setpwnam` was made to `_edit_` the password file. For use by `chfn`, `chsh` and `passwd`. `_I_ _HAVE_` to read and write `/etc/passwd` directly. Let those who say may be forever silent and think about how `getpwnam` (and family) works on a machine running YP.

Added checks for failure of `malloc()` and removed error reporting to

stderr, this is a library function and should not print on the screen,  
but return appropriate error codes.

27-Jan-97 - poe@daimi.aau.dk

Thanks to "two guys named Ian".

\$Author: poer \$

\$Revision: 1.13 \$

\$Date: 1997/06/23 08:26:29 \$

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Python bindings for the libmount library.

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Written by Ondrej Oprala and Karel Zak

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Bison implementation for Yacc-like parsers in C

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A Bison parser, made by GNU Bison 3.0.4.

Bison interface for Yacc-like parsers in C

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(Mostly) portable public-domain implementation -- D A Gwyn

This implementation of the PWB library `alloca` function, which is used to allocate space off the run-time stack so that it is automatically reclaimed upon procedure exit, was inspired by discussions with J. Q. Johnson of Cornell. J. Otto Tennant <[jot@cray.com](mailto:jot@cray.com)> contributed the Cray support.

There are some preprocessor constants that can be defined when compiling for your specific system, for improved efficiency; however, the defaults should be okay.

The general concept of this implementation is to keep track of all `alloca`-allocated blocks, and reclaim any that are found to be deeper in the stack than the current invocation. This heuristic does not reclaim storage as soon as it becomes invalid, but it will do so eventually.

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alloca.c -- allocate automatically reclaimed memory  
(Mostly) portable public-domain implementation -- D A Gwyn

This implementation of the PWB library alloca function, which is used to allocate space off the run-time stack so that it is automatically reclaimed upon procedure exit, was inspired by discussions with J. Q. Johnson of Cornell. J. Otto Tennant <[jt@cray.com](mailto:jt@cray.com)> contributed the Cray support.

There are some preprocessor constants that can

be defined when compiling for your specific system, for improved efficiency; however, the defaults should be okay.

The general concept of this implementation is to keep track of all `alloca`-allocated blocks, and reclaim any that are found to be deeper in the stack than the current invocation. This heuristic does not reclaim storage as soon as it becomes invalid, but it will do so eventually.

As a special case, `alloca(0)` reclaims storage without allocating any. It is a good idea to use `alloca(0)` in your main control loop, etc. to force garbage collection.

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Based on NIST Recommended DRBG from NIST SP800-90A with the following properties:

CTR DRBG with DF with AES-128, AES-192, AES-256 cores

Hash DRBG with DF with SHA-1, SHA-256, SHA-384, SHA-512 cores

HMAC DRBG with DF with SHA-1, SHA-256, SHA-384, SHA-512 cores  
with and without prediction resistance

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Factoring with Pollard's rho method.

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Bison implementation for Yacc-like parsers in C

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Test Socket Type

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

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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 compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse

engineering for debugging such modifications.

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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

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----- SECTION 5: GNU Lesser General Public License, V2.1 -----

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Version 2.1, February 1999

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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.

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



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

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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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Ty Coon, President of Vice

That's all there is to it!

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Version 3, 29 June 2007

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----- SECTION 21: SIL Open Font License, V1.1 -----

## SIL OPEN FONT LICENSE

Version 1.1 - 26 February 2007

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LPPL Version 1.3c 2008-05-04

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 position: relative;
 padding: 1em;
 padding-left: 45px;
 margin-bottom: 1em;
}
%notice::before {
 position: absolute;
 left: 20px;
 top: 18px;
 margin-top: 0;
}
```

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.notice.warning {
 @extend %notice-warning;
}
.notice.info {
 @extend %notice-info;
}
.notice.policy-management {
 @extend %notice-highlight;
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```

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mgo - MongoDB driver for Go

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Portions of the client are based on code at:

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Portions of the client are based on code at:

<https://github.com/google/go-github/> and

<https://github.com/digitalocean/godo>

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package datatypes

// no documentation yet

type Legal\_RegulatedWorkload struct {

Entity

// no documentation yet

Account \*Account `json:"account,omitempty" xmlrpc:"account,omitempty"``

```

// no documentation yet
AccountId *int `json:"accountId,omitempty" xmlrpc:"accountId,omitempty"`

// no documentation yet
EnabledFlag *bool `json:"enabledFlag,omitempty" xmlrpc:"enabledFlag,omitempty"`

// no documentation yet
Id *int `json:"id,omitempty" xmlrpc:"id,omitempty"`

// no documentation yet
Type *Legal_RegulatedWorkload_Type `json:"type,omitempty" xmlrpc:"type,omitempty"`

// no documentation yet
WorkloadTypeId *int `json:"workloadTypeId,omitempty" xmlrpc:"workloadTypeId,omitempty"`
}

// no documentation yet
type Legal_RegulatedWorkload_Type struct {
 Entity

// no documentation yet
 Id *int `json:"id,omitempty" xmlrpc:"id,omitempty"`

// no documentation yet
 KeyName *string `json:"keyName,omitempty" xmlrpc:"keyName,omitempty"`

// no documentation yet
 Name *string `json:"name,omitempty" xmlrpc:"name,omitempty"`
}
Anton Povarov <anton.povarov@gmail.com>
Brian Goff <cpuguy83@gmail.com>
Clayton Coleman <ccoleman@redhat.com>
Denis Smirnov <denis.smirnov.91@gmail.com>
DongYun Kang <ceram1000@gmail.com>
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* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/testing_refleaks.py
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/reflection.py
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/__init__.py
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/service_reflection.py
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/type_checkers.py
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/proto_builder.py
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/containers.py
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/service.py
```

\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/descriptor\_pool.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/encoder.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/well\_known\_types.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/wire\_format.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/text\_format.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/\_parameterized.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/api\_implementation.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/message\_factory.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/decoder.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/descriptor\_database.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/text\_encoding.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/message\_listener.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/enum\_type\_wrapper.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/cpp\_message.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/descriptor.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/python\_message.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/json\_format.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/symbol\_database.py  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/message.py

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license='3-Clause BSD License',

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/setup.py

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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/__init__.py
```

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/map_container.cc
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/scoped_pyobject_ptr.h
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/extension_dict.h
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/descriptor_database.h
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/python_protobuf.h
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/extension_dict.cc
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/message_module.cc
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/safe_numerics.h
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/api_implementation.cc
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/proto_api.h
* /opt/ws_local/PERMITS_SQL/1013514082_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-
```



3.7.0/google/protobuf/pyext/unknown\_fields.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/unknown\_fields.cc  
3.7.0/google/protobuf/pyext/unknown\_fields.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/descriptor.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/descriptor\_pool.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/message\_factory.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/descriptor\_containers.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/internal/python\_protobuf.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/repeated\_scalar\_container.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/message.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/descriptor\_containers.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/message.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/descriptor\_pool.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/field.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/repeated\_scalar\_container.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/descriptor.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/repeated\_composite\_container.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/repeated\_composite\_container.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/message\_factory.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/field.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/thread\_unsafe\_shared\_ptr.h  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/descriptor\_database.cc  
\* /opt/ws\_local/PERMITS\_SQL/1013514082\_1591899619.94/0/protobuf-3-7-0-tar-gz/protobuf-3.7.0/google/protobuf/pyext/map\_container.h

## 1.55 libasyncons 0.8+3+g68cd5af-2

## 1.55.1 Available under license :

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Version 2.1, February 1999

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## 1.56 keyutils 1.6.1

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## 1.57 pinentry 1.1.0 4

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## 1.60 Im-sensors 3.5.0 1

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That's all there is to it!

Here is a list of the main contributors to lm-sensors version 3.

\* Frodo Looijaard

Original author of libsensors, sensors-detect, sensors and isadump.

\* Merlin Hughes

Original author of sensord.

\* Bob Schlaermann

Dynamic chip feature detection (a.k.a. generic chip support) in libsensors and sensors.

\* Mark M. Hoffman

Many improvements to the libsensors configuration file scanner.

\* Jean Delvare

New libsensors API, and migration of sensors and sensord thereto.

Many optimizations in libsensors and sensors.

Configuration file converter.

Rewrite of sensors-detect.

Support for multiple configuration files in libsensors.

## 1.61 gzip 1.10

### 1.61.1 Available under license :

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```
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```

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## 1.62 linux-kernel 4.19.65

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```
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bsd\_decomp%d: bad CLEAR  
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U-stack@$.d?:@"JE@$^&
,Y@(&xnR
i@&0 ~^
py@&P2
27<@@@ (Z@ @/P@@@000$3 x 1-
```

## 1.63 jfsutils 1.1.15 6

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## 1.64 aws-sdk-go 1.25.36

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## 1.71 x-oauth2 0f29369cfe45

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## 1.72 ifplugd 0.28 15

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## 1.73 nettle 3.5.1

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Version 3, 29 June 2007

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## 1.76 libunistring 0.9.10 1

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

## 1.77 go-sockaddr 1.0.2

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## 1.78 jack 0.125.0 7

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```
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## 1.81 libmnl 1.0.4 2

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## 1.82 dhcpd 7.2.2

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## 1.83 ding-lib 0.6.1 2

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

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

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## 1.84 libxshmfence 1.3 1

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## 1.85 go-runtime 1.12.2

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# 1.90 linux-kernel 5.4.75

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## 1.99 libxv 1.0.11 2

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## 1.100 acl 2.2.53-1.el8

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Upstream-Name: liblz4

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

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

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

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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

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# 1.105 icu 64

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```
-*-makefile-*-
```

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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

```

# 1.106 libaio 0.3.112

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## 1.107 vid-stab 1.1 2

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## 1.108 fuse 2.9.9 1

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

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```



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```

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# 1.110 passlib 1.7.1

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.. -\*- restructuredtext -\*-

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=====

Passlib is primarily developed by Eli Collins.

Special thanks to Darin Gordon for testing and feedback on the `:mod:`passlib.totp`` module.

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=====

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MD5-Crypt

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converted to python May 2008

by Eli Collins

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---

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UnixCrypt.java 0.9 96/11/25

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modified April 2001

by Iris Van den Broeke, Daniel Deville

modified Aug 2005

by Greg Wilkins (gregw)

converted to python Jun 2009

by Eli Collins

jBCrypt

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The source file ``passlib/crypto/\_blowfish/base.py`` contains code derived from `jBCrypt 0.2 <<http://www.mindrot.org/projects/jBCrypt/>>`, a Java implementation of the BCrypt password hash algorithm. It is available under a BSD/ISC license::

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## 1.111 gawk 4.2.1

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Version 3, 29 June 2007

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

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

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

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

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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.

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

6. As an exception to the Sections above, you may also 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.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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## 1.112 pam 1.3.1

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## 1.113 reiserfsprogs 3.6.27 2

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## 1.116 gnutls 3.6.9

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## Constant-time SSSE3 AES core implementation.

## version 0.1

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## By Mike Hamburg (Stanford University), 2009

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Version 3, 29 June 2007

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## 1.118 inetutils 1.9.4-7

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

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# 1.120 npth 1.6-1

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# 1.128 mpfr 4.0.2-1

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# 1.129 libsoxr 0.1.3 1

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## 1.130 netkit-tftp 1.9.4

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Version 3, 29 June 2007

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Version 2.1, February 1999

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NR START END SECTORS SIZE NAME UUID

1 32 7679 7648 3.7M 8f8378c0-01

2 7680 16383 8704 4.3M 8f8378c0-02

5 7936 12799 4864 2.4M

6 12544 16127 3584 1.8M

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Version 3, 29 June 2007

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Version 2.1, February 1999

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## 1.143 pcre2 10.35

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THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: ph10  
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# 1.146 parted 3.3

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```

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```
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# 1.147 jitterentropy 2.1.2 1

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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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## 1.149 cpio 2.12-4

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## 1.150 jq 1.6-2

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

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Ackeret, Matt  
Adler, Mark  
Allbery, Russ  
Anderson, Jamie  
Andrew, Nick  
Andric, Dimitry  
Barron, Danny  
Bates, Tom  
Behan, Zdenk  
Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider  
Bos, Sander  
Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
Brantley, Michael  
Braun, Rob  
Bezina, Pavel  
Brooks, Piete  
Brown, Jerry  
Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
Calvin, Gary  
Campbell, Aaron  
Chazelas, Stephane  
Cheloha, Scott  
ek, Vtislav  
Coleman, Chris  
Corzine, Deven T.  
Cusack, Frank  
Dai, Wei  
Dill, David  
Earickson, Jeff  
Eckhardt, Drew  
Edgington, Ben

Esipovich, Marc  
Espie, Marc  
Faigon, Ariel  
Farrell, Brian  
Fobes, Steve  
Frysinger, Mike  
G., Daniel Richard  
Gailly, Jean-loup  
Gelman, Stephen  
Gerraty, Simon J.  
Graber, Stephane  
Guillory, B.  
Hayman, Randy M.  
Henke, Joachim  
Hideaki, Yoshifuji  
Hieb, Dave  
Holloway, Nick  
Hoover, Adam  
Hunter, Michael T.  
Hutchings, Ben  
Irrgang, Eric  
Jackson, Brian  
Jackson, John R.  
Jackson, Richard L., Jr.  
Janssen, Mark  
Jepeway, Chris  
Jorge, Joel Pele  
Jover, Guillem  
Juhani, Timo  
Kikuchi, Ayamura  
Kadow, Kevin  
Kasal, Stepan  
Kienenberger, Mike  
King, Dale  
King, Michael  
Klyachkin, Andrey  
Knoble, Jim  
Knox, Tim  
Komarnitsky, Alek O.  
Kondrashov, Nikolai  
Kopeek, Daniel  
Kranenburg, Paul  
Krause, David  
Lakin, Eric  
Larsen, Case  
Levin, Dmitry V.  
Libby, Kendall  
Lobbes, Phillip E.



McIntyre, Jason  
MacKenzie, David J.  
McLaughlin, Tom  
Makey, Jeff  
Mallayya, Sangamesh  
Manner, Rbert  
Marchionna, Michael D.  
Markham, Paul  
Martinian, Emin  
Meskes, Michael  
Michael, David  
Miller, Todd C.  
Minier, Loc  
Moffat, Darren  
Moldung, Jan Thomas  
Morris, Charles  
Mueller, Andreas  
Mller, Dworkin  
Nieusma, Jeff  
Nikitser, Peter A.  
Nussel, Ludwig  
Orbn, Lszl  
Ouellet, Jean-Philippe  
Paquet, Eric  
Paradis, Chantal  
Pasteleurs, Frederic  
Percival, Ted  
Perera, Andres  
Peron, Christian S.J.  
Peschel, Aaron  
Peslyak, Alexander  
Peterson, Toby  
Petten, Diego Elio  
Pickett, Joel  
Plotnick, Alex  
de Raadt, Theo  
Rasch, Gudleik  
Reid, Steve  
Richards, Matt  
Rossum, Guido van  
Rouillard, John P.  
Rowe, William A., Jr.  
Roy, Alain  
Ruusame, Elan  
Ryabinkin, Eygene  
Sato, Yuichi  
Snchez, Wilfredo  
Sanders, Miguel

Sasaki, Kan  
Saucier, Jean-Francois  
Schoenfeld, Patrick  
Schuring, Arno  
Schwarze, Ingo  
Scott, Dougal  
Sieger, Nick  
Simon, Thor Lancelot  
Slemko, Marc  
Smith, Andy  
Sobrado, Igor  
Soulen, Steven  
Spangler, Aaron  
Spradling, Cloyce D.  
Spradling, Michael  
Stier, Matthew  
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Street, Russell  
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Tarrall, Robert  
Thomas, Matthew  
Todd, Giles  
Toft, Martin  
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Venckus, Martynas  
de Vries, Maarten  
Wagner, Klaus  
Walsh, Dan  
Warburton, John  
Webb, Kirk  
Wetzel, Timm  
Wieringen, Marco van  
Wilk, Jakub  
Winiger, Gary  
Wood, David  
Zacarias, Gustavo  
Zolnowsky, John

The following people have worked to translate sudo into other languages as part of the Translation Project, see <https://translationproject.org> for more details.

Albuquerque, Pedro  
Blttermann, Mario  
Bogusz, Jakub  
Buo-ren, Lin  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho  
Chornoivan, Yuri  
Diguez, Francisco  
Fontenelle, Rafael  
Garca-Fontes, Walter  
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Hamasaki, Takeshi  
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Hantrais, Frdric  
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Hufthammer, Karl Ove  
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Karvonen, Jorma  
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Koir, Klemen  
Kozlov, Yuri  
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Nikoli, Miroslav  
Nylander, Daniel  
Pan, Yi-Jyun  
Psa, Petr  
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Sarar, zgr  
Sendn, Abel  
erbnescu, Daniel  
Sikrom, ka  
Spingos, Dimitris  
Taniguchi, Yasuaki  
Tomat, Fbio

r, Balzs  
Uranga, Mikel Olasagasti  
Vorotnikov, Artem  
Wang, Wylmer  
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The following people designed the artwork used on the sudo website:

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```

This is a Makefile stub which handles the creation of BSD shared
libraries.

In order to use this stub, the following makefile variables must be defined.

BSDLIB_VERSION = 1.0
BSDLIB_IMAGE = libce
BSDLIB_MYDIR = et
BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

```
all:: image
```

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

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

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

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

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

```
install-strip: install
```

```
install-shlibs-strip:: install-shlibs
```

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

clean::

```
$(RM) -rf pic
```

```
$(RM) -f $(BSD_LIB)
```

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

This 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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Upstream Author: Theodore Ts'o <[tytso@mit.edu](mailto:tytso@mit.edu)>

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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)

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/\*

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

- trivial database library - private includes

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system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were  
written by Theodore Ts'o <[tytso@mit.edu](mailto:tytso@mit.edu)> and Remy Card <[card@masi.ibp.fr](mailto:card@masi.ibp.fr)>.

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Theodore Ts'o  
23-June-2007

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

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

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
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Gadi Oxman, August 1995

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Gnomovision version 69, Copyright (C) year 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.
```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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# 1.162 gods 1.12.0

## 1.162.1 Available under license :

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

Source: <https://github.com/emirpasic/gods>

Upstream-Name: gods

Files-Excluded:

Godeps/\_workspace

Files:

\*

Copyright:

2015 Emir Pasic

License: BSD-2-Clause

Files:

trees/avltree/avltree.go

trees/avltree/iterator.go

Copyright:

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Files:

debian/\*

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## 1.163 p11-kit 0.23.16.1

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## 1.164 go-jmespath c2b33e8439af

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# 1.165 gpgme 1.13.1

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# 1.167 ncurses 6.1

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## 1.171 libseccomp 2.4.1-2

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* Tim Martin
```

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* Rob Earhart
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* Rob Siemborski
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/\* CMU libsasl

\* Tim Martin

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## 1.177 errors 0.8.1

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# 1.178 golang-lru 0.5.3

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# 1.180 mdadm 4.1

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

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

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

When a "work that uses the Library" uses material from a header file

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

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

rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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

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

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Version 2.1, February 1999

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# 1.195 java-runtime-common 3 1

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## 1.196 logrus 1.5.0

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## 1.200 kmod 26-2

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```
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```

```
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```
x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...
```

;9GimCN7g

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
```

./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^\_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@  
WEV[B "1

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## 1.204 gsm 1.0.18 1

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```

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

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```
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```

```
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```

package cmd

```
func initBsdClause2() {
 Licenses["freebsd"] = License{
 Name: "Simplified BSD License",
 PossibleMatches: []string{"freebsd", "simpbsd", "simple bsd", "2-clause bsd",
 "2 clause bsd", "simplified bsd license"},
 Header: `All rights reserved.`
 }
}
```

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}  
}

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package cmd

```
func initBsdClause3() {
 Licenses["bsd"] = License{
 Name: "NewBSD",
 PossibleMatches: []string{"bsd", "newbsd", "3 clause bsd", "3-clause bsd"},
 Header: `All rights reserved.
```

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`
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```

```
package cmd
```

```
func initGpl2() {
 Licenses["gpl2"] = License{
 Name: "GNU General Public License 2.0",
 PossibleMatches: []string{"gpl2", "gnu gpl2", "gplv2"},
 Header: `
This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
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```

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```

```
// Parts inspired by https://github.com/ryanuber/go-license
```

```
package cmd
```

```
func initGpl3() {
 Licenses["gpl3"] = License{
 Name: "GNU General Public License 3.0",
 PossibleMatches: []string{"gpl3", "gplv3", "gpl", "gnu gpl3", "gnu gpl"},
 Header: `
This program is free software: you can redistribute it and/or modify
```

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

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

```
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GNU General Public License for more details.
```

```
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```

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

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

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

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, your program's commands

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```
`
`
}
}
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// limitations under the License.

// Parts inspired by https://github.com/ryanuber/go-license

package cmd

import (
 "strings"
 "time"

 "github.com/spf13/viper"
)

// Licenses contains all possible licenses a user can choose from.
var Licenses = make(map[string]License)

// License represents a software license agreement, containing the Name of
// the license, its possible matches (on the command line as given to cobra),
// the header to be used with each file on the file's creating, and the text
// of the license
type License struct {
```

```

Name string // The type of license in use
PossibleMatches []string // Similar names to guess
Text string // License text data
Header string // License header for source files
}

func init() {
// Allows a user to not use a license.
Licenses["none"] = License{"None", []string{"none", "false"}, "", ""}

initApache2()
initMit()
initBsdClause3()
initBsdClause2()
initGpl2()
initGpl3()
initLgpl()
initAgpl()
}

// getLicense returns license specified by user in flag or in config.
// If user didn't specify the license, it returns Apache License 2.0.
//
// TODO: Inspect project for existing license
func getLicense() License {
// If explicitly flagged, use that.
if userLicense != "" {
return findLicense(userLicense)
}

// If user wants to have custom license, use that.
if viper.IsSet("license.header") || viper.IsSet("license.text") {
return License{Header: viper.GetString("license.header"),
Text: viper.GetString("license.text")}
}

// If user wants to have built-in license, use that.
if viper.IsSet("license") {
return findLicense(viper.GetString("license"))
}

// If user didn't set any license, use Apache 2.0 by default.
return Licenses["apache"]
}

func copyrightLine() string {
author := viper.GetString("author")

```

```

year := viper.GetString("year") // For tests.
if year == "" {
 year = time.Now().Format("2006")
}

return "Copyright " + year + " " + author
}

// findLicense looks for License object of built-in licenses.
// If it didn't find license, then the app will be terminated and
// error will be printed.
func findLicense(name string) License {
 found := matchLicense(name)
 if found == "" {
 er("unknown license: " + name)
 }
 return Licenses[found]
}

// matchLicense compares the given a license name
// to PossibleMatches of all built-in licenses.
// It returns blank string, if name is blank string or it didn't find
// then appropriate match to name.
func matchLicense(name string) string {
 if name == "" {
 return ""
 }
}

for key, lic := range Licenses {
 for _, match := range lic.PossibleMatches {
 if strings.EqualFold(name, match) {
 return key
 }
 }
}

return ""
}
package cmd

func initLgpl() {
 Licenses["lgpl"] = License{
 Name: "GNU Lesser General Public License",
 PossibleMatches: []string{"lgpl", "lesser gpl", "gnu lgpl"},
 Header: `
This program is free software: you can redistribute it and/or modify
it under the terms of the GNU Lesser General Public License as published by
the Free Software Foundation, either version 3 of the License, or

```

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```
}
}
package cmd
```

```
func initAgpl() {
 Licenses["agpl"] = License{
 Name: "GNU Affero General Public License",
 PossibleMatches: []string{"agpl", "affero gpl", "gnu agpl"},
 Header: `
```

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

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package cmd

```
func initApache2() {
```

```
 Licenses["apache"] = License{
```

```
 Name: "Apache 2.0",
```

```
 PossibleMatches: []string{"apache", "apache20", "apache 2.0", "apache2.0", "apache-2.0"},
```

```
 Header: `
```

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```

package cmd

```
func initMit() {\n Licenses["mit"] = License{\n Name: "MIT License",\n PossibleMatches: []string{"mit"},\n Header: `
```

```
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## 1.215 libxpm 3.5.12 2

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# 1.216 tar 1.32

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

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

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

```
This program is distributed in the hope that it will be useful,
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```

```
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```

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

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

```
<program> Copyright (C) <year> <name of author>
```

This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
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## 1.217 dmidecode 3.2 1

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

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If the program is interactive, make it output a short notice like this



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```
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```

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

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

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## 1.218 mtools 4.0.23 1

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## 1.219 cryptsetup 2.1.0

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## 1.220 godotenv 1.3.0

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

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

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

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

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

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

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```
x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...
```

```
;9GimCN7g
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

!"#\$%&'()\*+,-

./0123456789:;<=>?@ABCDEFGHIJKLMN OPQRSTUVWXYZ[\]^\_`abcdefghijklmnopqrstuvwxy z{|}~

!"#\$%&'()\*+,-

./0123456789:;<=>?@ABCDEFGHIJKLMN OPQRSTUVWXYZ[\]^\_`abcdefghijklmnopqrstuvwxy z{|}~WEV @@

WEV[B "1

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## 1.222 cracklib 2.9.7

### 1.222.1 Available under license :

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Version 2.1, February 1999

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

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-----  
Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly  
> and see if he wants to relicense his code as LGPL... but at this point,  
> it was enough to just get it consistent and documented as to what it was  
> released under. This wasn't actually a license change, just a  
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20  
GPL-2 ... it was a modified artistic license ... i didnt notice the license=  
=20  
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=  
eir=20  
applications are also GPL-2 which imo is just wrong. it isnt the place of =  
a=20  
library to dictact to application writes what license they should be using.=  
=20  
thus LGPL-2.1 enters to fill this void.  
=20  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro  
maintainers to get together with Alec in a conversation and come to a  
decision as to what licensing scheme y'all want. I haven't really done  
much other than cleaning up the packaging and patches and a small bit of  
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan  
=20

-----  
Nathan Neulinger EMail: nneul@um...  
University of Missouri - Rolla Phone: (573) 341-6679  
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----  
> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:33 PM  
> To: Neulinger, Nathan  
> Cc: cracklib-devel@li...; Alec Muffett  
> Subject: Re: [Cracklib-devel] cracklib license  
>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:  
>> I understand that, and you're welcome to bring it up with Alec  
> directly  
>> and see if he wants to relicense his code as LGPL... but at this  
> point,  
>> it was enough to just get it consistent and documented as to what  
> it was  
>> released under. This wasn't actually a license change, just a  
>> clarification of the licensing that was already in place.  
>=20  
> the original license (before moving to sourceforge -- aka, 2.7) was  
> not  
> GPL-2 ... it was a modified artistic license ... i didnt notice the  
> license  
> change until it was mentioned in the latest notes.  
>=20  
> unlike the old license, GPL-2 prevents people from using cracklib  
> unless their  
> applications are also GPL-2 which imo is just wrong. it isnt the  
> place of a  
> library to dictact to application writes what license they should  
> be using.  
> thus LGPL-2.1 enters to fill this void.  
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
> maintainers to get together with Alec in a conversation and come to a  
> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
> bit of  
> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's  
best interests to have as secure systems as possible, and I think tainting

it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro  
>> maintainers to get together with Alec in a conversation and come to a  
>> decision as to what licensing scheme y'all want. I haven't really done  
>> much other than cleaning up the packaging and patches and a small  
>> bit of  
>> additional code, so whatever licensing y'all come up with is fine  
>> by me.  
>  
> I am sympathetic. Guys, what do you reckon?  
>  
> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:  
>>> Seems like the ideal thing here would be for you and the other distro  
>>> maintainers to get together with Alec in a conversation and come to a  
>>> decision as to what licensing scheme y'all want. I haven't really done  
>>> much other than cleaning up the packaging and patches and a small  
>>> bit of  
>>> additional code, so whatever licensing y'all come up with is fine  
>>> by me.  
>>  
>> I am sympathetic. Guys, what do you reckon?  
>>  
>> What I am hearing so far is that LGPL makes sense, since it can be  
>> linked with any code, not just GPL...  
>  
> My apologies for not chiming in in anything resembling a reasonable  
> timeframe.  
>  
> I'd also suggest the LGPL, for the reason you noted above. Alternately,  
> GPLv2 with the option of using the library under a later version of the  
> GPL would permit applications which were released under version 3 of the  
> GPL to use the library, too, which would be sufficient for the packages  
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.  
>  
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.  
>  
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

> >> In any case, I thank you both for working on sorting this out.  
> >  
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we  
> > make the change now ?  
>  
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...  
-mike

-----  
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.  
-----

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-----  
From alecm@crypticide.com Mon Oct 1 12:26:03 2007  
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:03 -0500  
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:02 -0500  
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000  
Received: from smtp1.srv.mst.edu (131.151.1.43)  
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000  
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtp020623  
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from [82.68.43.14] (helo=[192.168.1.3])



by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status: RO  
Content-Length: 585  
Lines: 21

>  
> ----- Forwarded message -----  
> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

## 1.223 berkeley-db 5.3.28

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## 1.225 graphite 1:1.3.13 1

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Source: <http://sf.net/projects/silgraphite>

Files: \*

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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#+STARTUP: showall
```

\* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

-----  
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\* Regular expression support

regex/jimregex.[ch]:

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Subsequently modified by:

1986 John Gilmore hoptoad!gnu

1987 James A. Woods ames!jaw

1993 Christopher Seiwald seiwald@vix.com

2000, 2002 Christopher Seiwald <seiwald@perforce.com>

2010 Steve Bennett <steveb@workware.net.au>

2020 NIIBE Yutaka <gniibe@fsij.org>

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## 1.233 curl 7.65.3

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=====

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## 1.235 nload 0.7.4 5

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## 1.238 libnftnl 1.1.3

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# 1.248 libpipeline 1.5.1

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```
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```
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## 1.252 minio-go 1.1.0

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builds:

```
c0c5442fe8f80c0ab8aee1f0beae1f4a0d041877:
 version: c0c5442fe8f80c0ab8aee1f0beae1f4a0d041877
 blobstore_id: 157f7cf4-2242-42d5-5737-ba2cf1e1e335
 sha1: 99e9996c05805122bcc74c0900d92d130d864cda
format-version: "2"
```

## 1.253 x-crypto e1110fd1c708

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# 1.254 libdevmapper 1.02

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# 1.255 pcre 8.43

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THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: ph10  
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## 1.257 iputils 20180629.f6aac8d-4

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## 1.258 libxaw 1.0.13 2

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