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1.4 pierrec-lz4 1.0.1

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1.6 log-rotate 3.14.0-4ubuntu3

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1.7 coreutils 8.30-3ubuntu2

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1.8 libidn 2.2.0-2

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Files:

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man/fparsefn.3bsd

src/fparsefn.c

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man/readpassphrase.3bsd

man/strncpy.3bsd

man/strtonum.3bsd

src/arc4random.c

src/arc4random_linux.h

src/arc4random_openbsd.h

src/arc4random_uniform.c

src/arc4random_unix.h

src/arc4random_win.h

src/closefrom.c

src/getentropy_aix.c

src/getentropy_bsd.c

src/getentropy_hpux.c
src/getentropy_hurd.c
src/getentropy_linux.c
src/getentropy_osx.c
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src/inet_net_pton.c

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src/hash/md5.c

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src/hash/md5hl.c

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1.10 polkit 0.105-26ubuntu1

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1.11 dash 0.5.10.2-6

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1.12 wget 1.20.3-1ubuntu1

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1.14 gpm 1.20.7-5

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1.15 mpclib 1.1.0-1

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1.18 distlib 0.3.0

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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 (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes

2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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distlib has started off using some of the code from distutil2.

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1.19 pycparser 2.19

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1.20 coreos-semver 0.3.0

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inline

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1.24 netcat-openbsd 1.206-1ubuntu1

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```
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```

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1.25 d-conf 0.36.0-1

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```

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```
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```

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1.27 libyaml 0.2.2-1

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1.28 iputils 20190709-3

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```

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

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1.29 e2fsprogs 1.45.5-2ubuntu1

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#

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

#

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

#

BSDLIB_VERSION = 1.0

BSDLIB_IMAGE = libce

BSDLIB_MYDIR = et

BSDLIB_INSTALL_DIR = \$(SHLIBDIR)

#

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
```

```
BSDLIB_PIC_FLAG = -fpic
```

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

```
$(BSD_LIB): $(OBJS)
```

```
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
```

```
$(MV) pic/$(BSD_LIB) .
```

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

```
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
```

```
`echo $(my_dir) | sed -e 's;lib/;;' /$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
```

```
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
```

```
@$(INSTALL_PROGRAM) $(BSD_LIB) \
```

```
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
@-$(LDCONFIG)
```

```
install-strip: install
```

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

```
uninstall-shlibs uninstall::
```

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

```
clean::
```

```
$(RM)
```

```
-rf pic
```

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

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

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

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

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

*/

/*

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

- trivial database library - private includes

-

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Theodore Ts'o
23-June-2007

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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

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

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

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

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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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1.30 elfutils 0.176-1.1build1

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1.35 mawk 1.3.4.20200120-2

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1.38 libogg 1.3.4-0ubuntu1

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1.39 libassuan 2.5.3-7ubuntu2

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1.43 cyrus-sasl 2.1.27+dfsg-2

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1.44 keyutils 1.6-6ubuntu1

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

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

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

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

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

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

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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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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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<signature of Ty Coon>, 1 April 1990
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1.45 selinux 3.0-1build2

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1.46 grep 3.4-1

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Version 3, 29 June 2007

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```

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1.47 icu 66.1-2ubuntu2

1.47.1 Available under license :

```
## -*-makefile-*-  
## Copyright (C) 2016 and later: Unicode, Inc. and others.  
## License & terms of use: http://www.unicode.org/copyright.html  
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)  
## Copyright (c) 1999-2013, International Business Machines Corporation and  
## others. All Rights Reserved.  
  
## Commands to generate dependency files  
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)  
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)  
  
## Flags for position independent code  
SHAREDLIBCFLAGS = -fPIC  
SHAREDLIBCXXFLAGS = -fPIC  
SHAREDLIBCPPFLAGS = -DPIC  
  
## Additional flags when building libraries and with threads  
THREADSCPPFLAGS = -D_REENTRANT  
LIBCPPFLAGS =  
  
## Compiler switch to embed a runtime search path  
LD_RPATH=
```



```

LD_RPATH_PRE= -Wl,-rpath,

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

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

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

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

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

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

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

## Versioned libraries rules

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

## Bind internal references

```

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

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

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

## End BSD-specific setup
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```

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```
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```

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```
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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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@comment node-name, next, previous, up

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@heading Doug Rabson

GSS-API mechglue layer.

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@table

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

@item KCM credential cache.

@item HDB LDAP backend.

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Fortuna in libhcrypto

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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DES core in libcrypto

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D3DES (V5.09) -

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

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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OSL-1.1
OSL-2.0
OSL-2.1
OSL-3.0
OpenSSL
PDDL-1.0
PHP-3.0
PHP-3.01
Parity-6.0.0
Plexus
PostgreSQL
Python-2.0
QPL-1.0
Qhull
RHeCos-1.1
RPL-1.1
RPL-1.5
RPSL-1.0
RSA-MD
RSCPL
Rdisc
Ruby
SAX-PD
SCEA
SGI-B-1.0
SGI-B-1.1
SGI-B-2.0
SHL-0.5

SHL-0.51
SISSL
SISSL-1.2
SMLNJ
SMPPL
SNIA
SPL-1.0
SSH-OpenSSH
SSH-short
SSPL-1.0
SWL
Saxpath
Sendmail
Sendmail-8.23
SimPL-2.0
Sleepycat
Spencer-86
Spencer-94
Spencer-99
StandardML-NJ
SugarCRM-1.1.3
TAPR-OHL-1.0
TCL
TCP-wrappers
TMate
TORQUE-1.1
TOSL
TU-Berlin-1.0
TU-Berlin-2.0
UCL-1.0
UPL-1.0
Unicode-DFS-2015
Unicode-DFS-2016
Unicode-TOU
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VSL-1.0
Vim
W3C
W3C-19980720
W3C-20150513
WTFPL
Watcom-1.0
Wsuipa
X11
XFree86-1.1
XSkat
Xerox

Xnet
YPL-1.0
YPL-1.1
ZPL-1.1
ZPL-2.0
ZPL-2.1
Zed
Zend-2.0
Zimbra-1.3
Zimbra-1.4
Zlib
blessing
bzip2-1.0.5
bzip2-1.0.6
copyleft-next-0.3.0
copyleft-next-0.3.1
curl
diffmark
dvi2pdf
eCos-2.0
eGenix
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1.51 vixie-cron 3.0pl1-136ubuntu1

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* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/database.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/misc.c
*
/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/job.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/do_command.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/user.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/config.h
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/entry.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.h
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/env.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.c

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

Found in path(s):

* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/bitstring.3
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.\" */
.\"
.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\"

```

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

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

Found in path(s):

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

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

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

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

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

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

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

say:
make all

su and say:
make install

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

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

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

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

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

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

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

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

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

Found in path(s):

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

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

Found in path(s):

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

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```
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```

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

Found in path(s):

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

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```
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```

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```
# *
```

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

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

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

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

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

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

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

```
# * user.
```

```
# *
```

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

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta

was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

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

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

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

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

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

'make'

'su' and 'make install'

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

kill your existing cron process

(actually you can run your existing cron if you want, but why?)
build new crontabs using /usr/lib/{crontab,crontab.local}
(either put them all in "root"'s crontab, or divide it up
and rip out all the 'su' commands, collapse the lengthy
lists into
ranges with steps -- basically, this step is
as much work as you want to make it)
start up the new cron
(must be done as root)
watch it. test it with 'crontab -r' and watch the daemon track your
changes.
if you like it, change your /etc/{rc,rc.local} to use it instead of
the old one.

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

Found in path(s):

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

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.\\" * user.
.\\" *
.\\" * Send bug reports, bug fixes, enhancements, requests, flames, etc., and
.\\" * I'll try to keep a version up to date. I can be reached as follows:
.\\" * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\\" */
.\\"
.\\" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\\"
```

Found in path(s):

*

/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.5

1.52 readline 8.0-4

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1.53 wheel 0.34.2

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1.57 dbus-python 1.2.16

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```

1.59 libtool 2.4.6-14

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Any executables

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1.63 isl 0.22.1-1

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1.64 glib-networking 2.64.2-1build1

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ASN.1 library for Python

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Abstract Syntax Notation One (ASN.1

<http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>_) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1` <<https://pypi.org/project/pyasn1/>>_ library implements ASN.1 support in pure-Python.

What is ASN.1

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and become a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions <<https://news.ycombinator.com/item?id=8871453>>_ on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers` <<https://developers.google.com/protocol-buffers/>>_

or `FlatBuffers` <<https://google.github.io/flatbuffers/>>_, for example.

Interestingly, many new takes on binary protocol design do not depart

far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

- * Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.
- * Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.
- * Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

- * Signaling standards for the public switched telephone network (SS7 family)
- * Network management standards (SNMP, CMIP)
- * Directory standards (X.500 family, LDAP)
- * Public Key Infrastructure standards (X.509, etc.)
- * PBX control (CSTA)
- * IP-based Videoconferencing (H.323 family)
- * Biometrics (BIP, CBEFF, ACBio)
- * Intelligent transportation (SAE J2735)
- * Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the ``statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`` on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

Documentation

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/pyasn1/contents

Use case

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/example-use-case

Download & Install

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Changes

All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

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/changelog

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```
.. toctree::  
    :maxdepth: 2
```

/license

Getting help

Please, file your `issues` <<https://github.com/etingof/pyasn1/issues>>`_`
and `PRs` <<https://github.com/etingof/pyasn1/pulls>>`_` at GitHub.
Alternatively, you could ask for help at
`Stack Overflow` <<http://stackoverflow.com/questions/tagged/pyasn1>>`_`
or search
`pyasn1-users` <<https://lists.sourceforge.net/lists/listinfo/pyasn1-users>>`_`
mailing list archive.

Books on ASN.1

The pyasn1 implementation is largely based on reading up the following awesome books:

- * `ASN.1 - Communication between heterogeneous systems` <<http://www.oss.com/asn1/dubuisson.html>>`_` by Olivier Dubuisson
- * `ASN.1 Complete` <<http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>>`_` by Prof John Larmouth

Here you can get the official standards which is hard to read:

- * `ITU standards`
<<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>>`_`

On the other end of the readability spectrum, here is a quick and sweet write up:

- * `A Layman's Guide to a Subset of ASN.1, BER, and DER` <<ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>>`_` by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1063016395_1592949447.38/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/docs/source/contents.rst
```

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

ASN.1 library for Python

```
[!PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)(https://pypi.org/project/pyasn1)
[!Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)(https://pypi.org/project/pyasn1/)
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```

blue.svg)](<https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt>)

This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on

[ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features

*

- Generic implementation of ASN.1 types (X.208)
- * Standards compliant BER/CER/DER codecs
- * Dumps/loads ASN.1 structures from Python types
- * 100% Python, works with Python 2.4 up to Python 3.7
- * MT-safe
- * Contributed ASN.1 compiler [Asn1ate](<https://github.com/kimgr/asn1ate>)

Why using pyasn1

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.

[Communication between heterogeneous systems](<http://www.oss.com/asn1/dubuisson.html>)

by

Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

With pyasn1 you can build Python objects from ASN.1 data structures.
For example, the following ASN.1 data structure:

```
```bash
Record ::= SEQUENCE {
 id INTEGER,
 room [0] INTEGER OPTIONAL,
 house [1] INTEGER DEFAULT 0
}
```
```

Could be expressed in pyasn1 like this:

```
```python
class Record(Sequence):
 componentType = NamedTypes(
 NamedType('id', Integer()),
 OptionalNamedType(
 'room', Integer().subtype(
 implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
)
),
 DefaultedNamedType(
 'house',
 Integer(0).subtype(
 implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
)
)
)
```
```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form. Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```
```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```
```

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```
```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
...

```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>>     print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
...

```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
...

```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```
```python
```

```

>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id':
123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
>>>
...

```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](http://snmplabs.com/pyasn1/), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](https://github.com/etingof/pyasn1-modules).

How to get pyasn1

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely available as a GitHub [repo](https://github.com/etingof/pyasn1).

You could `pip install pyasn1` or download it from [PyPI](https://pypi.org/project/pyasn1).

If

something does not work as expected, [open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or post your question [on Stack Overflow](https://stackoverflow.com/questions/ask) or try browsing pyasn1 [mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).

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* /opt/ws_local/PERMITS_SQL/1063016395_1592949447.38/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/README.md

1.67 libargon 0~20171227-0.2

1.67.1 Available under license :

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Version 2.0, January 2004

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1.68 nghttp2 1.40.0-1build1

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```
set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
Copyright (c) 2019 mruby developers
```

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1.69 adduser 3.118ubuntu2

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

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

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

Since 23 Oct 2005, it has been maintained by Joerg Hoh <joerg@joerghoh.de>

Since June 2006, it has been maintained by Stephen Gran <sgran@debian.org>

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1.70 sensible-utils 0.0.12+nmu1

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Upstream-Name: sensible-utils

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

Source: <https://alioth.debian.org/projects/collab-maint/sensible-utils.git>

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Files: *Makefile.in

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1.71 debianutils 4.9.1

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1.76 libffi 3.3-4

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1.79 ncurses 6.2-0ubuntu2

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```
-- vile:txtmode fc=72
-- $Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp $
Upstream source https://invisible-island.net/ncurses/ncurses-examples.html
```

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

Files: *

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Files: alocal.m4 package

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Files: install-sh

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Calling this script `install-sh` is preferred over `install.sh`, to prevent ``make'` implicit rules from creating a file called `install` from it when there is no `Makefile`.

This script is compatible with the BSD `install` script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's `install` programs.

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

1.80 libsepol 3.0-1

1.80.1 Available under license :

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Version 2.1, February 1999

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1.81 base-passwd 3.5.47

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Julian Seward, jseward@acm.org
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Full

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1.85 gobject-introspection 1.64.1-

1~ubuntu20.04.1

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1.89 cdebconf 0.251ubuntu1

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1.90 pygobject 3.36.0-1

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1.93 snowball-stemmer 0+svn585-2

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

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Support for streaming Protocol Buffer messages for the Go language (golang).

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Protocol Buffers for Go with Gadgets

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

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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

Section 6 states terms for distribution of such executables.

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

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any

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

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

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language

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Version 3, 29 June 2007

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1.99 perl 5.30.0-9ubuntu0.2

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```
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#
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# of the source tree for dist 4.0.
#
# Original Author: Harlan Stenn <harlan@mumps.pfcs.com>
#
# $Log: errnolist.a,v $
# Revision 3.0 1993/08/18 12:04:35 ram
# Baseline for dist 3.0 netwide release.
#
#
# This is a simple-minded awk script to generate an initialization for
```

```
# sys_errnolist on systems that don't have it.
# This file now depends only on sys/errno.h error numbers under maxerr being
# in order. It will complain and die if not. NOTE: It will still produce
# a compilable output file, even with errors, so you must check the output.
```

1.100 zlib 1.2.11.dfsg-2ubuntu1.2

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Found license 'General Public License 2.0' in 'No. PKWare has apparently decided to keep that format proprietary, since 42. The match.asm code in contrib is under the GNU General Public License. GNU GPL?'

```
/* 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).

```
*/
```

1.101 libyaml 0.2.5

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1.102 util-linux 2.34-0.1ubuntu9.1

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Upstream-Name: util-linux

Upstream-Contact: util-linux@vger.kernel.org

Source: <https://www.kernel.org/pub/linux/utils/util-linux/>

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term-utils/ttymsg.c

term-utils/wall.c

term-utils/write.c

text-utils/col.c

text-utils/colcrt.c

text-utils/colrm.c

text-utils/column.c

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1.104 six 1.12.0

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1.105 libgpm 1.20.7-5

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Any

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```

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License as published by the Free Software Foundation; either  
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```

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```
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```

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

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1.107 scp 0.13.2

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```

1.108 python3-asn1crypto 0.24.0

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1.109 bcrypt 3.1.7

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1.110 idna 2.8

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Found in path(s):

```
* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/LICENSE.rst
```

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"""

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

"""

```
import io, sys
```

```
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
```

```
    if python_version < (2,7):
```

```
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
```

```
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
```

```
        'name': 'idna',
```

```
        'packages': ['idna'],
```

```
        'version': package_data['__version__'],
```

```
        'description': 'Internationalized Domain Names in Applications (IDNA)',
```

```
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```
        'author': 'Kim Davies',
```

```
        'author_email': 'kim@cynosure.com.au',
```

```

'license': 'BSD-like',
'url': 'https://github.com/kjd/idna',
'classifiers': [
    'Development Status :: 5 - Production/Stable',
    'Intended Audience :: Developers',
    'Intended Audience :: System Administrators',
    'License :: OSI Approved :: BSD License',
    'Operating System :: OS Independent',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Topic :: Internet :: Name Service (DNS)',
    'Topic :: Software Development :: Libraries :: Python Modules',
    'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

```

Found in path(s):

* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

1.111 appdirs 1.4.3

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1.112 pyparsing 2.4.6

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1.113 netaddr 0.7.19

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1.114 toml 0.10.0

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1.115 sarama 1.20.0

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1.119 queue 1.1.0

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1.120 iotop 0.6

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

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```
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```

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1.124 iconv 2.31

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[This is the first released version of the library GPL. It is

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```
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Version 3, 29 June 2007

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

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1. Source Code.

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

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

The

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1.125 cron 3.0pl1-136ubuntu1

1.125.1 Available under license :

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

```
/* Copyright 1993,1994 by Paul Vixie
* All rights reserved
*
* Distribute freely, except: don't remove my name from the source or
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* user.
*
* Send bug reports, bug fixes, enhancements, requests, flames, etc., and
* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
*/
```

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

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

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

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

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably

do not. Therefore you may have to put the man pages into /usr/man/man1, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

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

say:
make all

su and say:
make install

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

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

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

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

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

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

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

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron

(or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

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

Found in path(s):

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/INSTALL
No license file was found, but licenses were detected in source scan.
```

```
/* Copyright 1988,1990,1993,1994 by Paul Vixie
* All rights reserved
*
* Distribute freely, except: don't remove my name from the source or
* documentation (don't take credit for my work), mark your changes (don't
* get me blamed for your possible bugs), don't alter or remove this
* notice. May be sold if buildable source is provided to buyer. No
* warrantee of any kind, express or implied, is included with this
* software; use at your own risk, responsibility for damages (if any) to
* anyone resulting from the use of this software rests entirely with the
* user.
*
* Send bug reports, bug fixes, enhancements, requests, flames, etc., and
* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
*/
```

Found in path(s):

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/entry.c
*
/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/misc.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/config.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/job.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/database.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/env.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/user.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/compat.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/do_command.c
No license file was found, but licenses were detected in source scan.
```

```
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Found in path(s):

* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/popen.c
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*
* @(#)bitstring.h 5.2
(Berkeley) 4/4/90
*/

Found in path(s):

* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/bitstring.h

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.\* * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\* */
.\"
.\" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\"
```

Found in path(s):

*

/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.5

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.\* * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\* */
.\"
.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\"
```

Found in path(s):

*

/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.1

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

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* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/bitstring.3

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.\" */
.\"
.\" $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $
```

.\"

Found in path(s):

*

/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.8

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*/

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta

was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

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

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

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

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

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

'make'

'su' and 'make install'

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

kill your existing cron process

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

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

(either put them all in "root"'s crontab, or divide it up
and rip out all the 'su' commands, collapse the lengthy
lists into

ranges with steps -- basically, this step is
as much work as you want to make it)

start up the new cron

(must be done as root)

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

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

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

Found in path(s):

* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/README

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

Found in path(s):

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/compat.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/pathnames.h
*
/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/externs.h
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```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/Makefile
```

1.126 attr 2.4.48-5

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Version 2.1, February 1999

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1.128 mime-support 3.64ubuntu1

1.128.1 Available under license :

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1.129 Imdb 0.9.24-1

1.129.1 Available under license :

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1.130 vim 8.1.2269-1ubuntu5

1.131 dbus-python 1.2.16-1build1

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1.132 kerberos 1.17-6ubuntu4.1

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Contributions to the urllib3 project

Creator & Maintainer

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Contributors

In chronological order:

* victor.vde <<http://code.google.com/u/victor.vde/>>

- * HTTPS patch (which inspired HTTPSConnectionPool)

- * erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
- * NTLM-authenticated HTTPSConnectionPool
- * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

- * niphlod <niphlod@gmail.com>
- * Client-verified SSL certificates for HTTPSConnectionPool
- * Response gzip and deflate encoding support
- * Better unicode support for filepost using StringIO buffers

- * btoconnor <brian@btoconnor.net>
- * Non-multipart encoding for POST requests

- * p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>
- * Code review, PEP8 compliance, benchmark fix

- * kennethreitz <me@kennethreitz.com>
- * Bugfixes, suggestions, Requests integration

- * georgemarshal <<https://github.com/georgemarshal>>
- * Bugfixes, Improvements and Test coverage

- * Thomas Kluyver <thomas@kluyver.me.uk>
- * Python 3 support

- * brandon-rhodes <<http://rhodesmill.org/brandon>>
- * Design review, bugfixes, test coverage.

- * studer <theo.studer@gmail.com>
- * IPv6 url support and test coverage

- * Shivaram Lingamneni <slingam@cs.stanford.edu>
- * Support for explicitly closing pooled connections

- * hartator <hartator@gmail.com>
- * Corrected multipart behavior for params

- * Thomas Weischuh <thomas@t-8ch.de>
- * Support for TLS SNI
- * API unification of ssl_version/cert_reqs
- * SSL fingerprint and alternative hostname verification
- * Bugfixes in testsuite

- * Sune Kirkeby <mig@ibofobi.dk>
- * Optional SNI-support for Python 2 via PyOpenSSL.

- * Marc Schlaich <marc.schlaich@gmail.com>
 - * Various bugfixes and test improvements.

- * Bryce Boe <bbzbryce@gmail.com>
 - * Correct six.moves conflict
 - * Fixed pickle support of some exceptions

- * Boris Figovsky <boris.figovsky@ravello systems.com>
 - * Allowed to skip SSL hostname verification

- * Cory Benfield
<<https://lukasa.co.uk/about/>>
 - * Stream method for Response objects.
 - * Return native strings in header values.
 - * Generate 'Host' header when using proxies.

- * Jason Robinson <jaywink@basshero.org>
 - * Add missing WrappedSocket.fileno method in PyOpenSSL

- * Audrius Butkevicius <audrius.butkevicius@elastic hosts.com>
 - * Fixed a race condition

- * Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
 - * Added HTTPS (CONNECT) proxy support

- * Stephen Holsapple <sholsapp@gmail.com>
 - * Added abstraction for granular control of request fields

- * Martin von Gagern <Martin.vGagern@gmx.net>
 - * Support for non-ASCII header parameters

- * Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
 - * Support for separate connect and request timeouts

- * Peter Waller <p@pwaller.net>
 - * HTTPResponse.tell() for determining amount received over the wire

- * Nipunn Koorapati <nipunn1313@gmail.com>
 - * Ignore default ports when comparing hosts for equality

- * Danilo @dbrgn <<https://dbrgn.ch/>>
 - * Disabled TLS compression by default on Python 3.2+
 - * Disabled TLS compression in pyopenssl contrib module
 - * Configurable cipher suites in pyopenssl contrib module

- * Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
 - * Account retries on proxy errors

- * Nicolas Delaby <nicolas.delaby@ezeep.com>
- * Use the platform-specific CA certificate locations

- * Josh Schneier <https://github.com/jschneier>
- * HTTPHeaderDict and associated tests and docs
- * Bugfixes, docs, test coverage

- * Tahia Khan <http://tahia.tk/>
- * Added Timeout examples in docs

- * Arthur Grunseid <https://grunseid.com>
- * source_address support and tests (with https://github.com/bui)

- * Ian Cordasco <graffatcolmingov@gmail.com>
- * PEP8 Compliance and Linting
- * Add ability to pass socket options to an HTTP Connection

- * Erik Tollerud <erik.tollerud@gmail.com>
- * Support for standard library io module.

- * Krishna Prasad <kprasad.iitd@gmail.com>
- * Google App Engine documentation

- * Aaron Meurer
<asmeurer@gmail.com>
- * Added Url.url, which unparses a Url

- * Evgeny Kapun <abacabadabacaba@gmail.com>
- * Bugfixes

- * Benjamin Meyer <bm_witness@yahoo.com>
- * Security Warning Documentation update for proper capture

- * Shivan Sornarajah <github@sornars.com>
- * Support for using ConnectionPool and PoolManager as context managers.

- * Alex Gaynor <alex.gaynor@gmail.com>
- * Updates to the default SSL configuration

- * Tomas Tomecek <ttomecek@redhat.com>
- * Implemented generator for getting chunks from chunked responses.

- * tlynn <https://github.com/tlynn>
- * Respect the warning preferences at import.

- * David D. Riddle <ddriddle@illinois.edu>
- * IPv6 bugfixes in testsuite

- * Thea Flowers <magicalgirl@google.com>
- * App Engine environment tests.
- * Documentation re-write.

- * John Krauss <https://github.com/talos>
- * Clues to debugging problems with `cryptography` dependency in docs

- * Disassem <https://github.com/Disassem>
- * Fix pool-default headers not applying for url-encoded requests like GET.

- * James Atherfold <jlatherfold@hotmail.com>
- * Bugfixes relating to cleanup of connections during errors.

- * Christian Pedersen <https://github.com/chripede>
- * IPv6 HTTPS proxy bugfix

- * Jordan Moldow <https://github.com/jmoldow>
- * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
- * Creation of ``HTTPConnectionPool.ResponseCls``.

- * Predrag Gruevski <https://github.com/obi1kenobi>
- * Made cert digest comparison use a constant-time algorithm.

- * Adam Talsma <https://github.com/a-tal>
- * Bugfix to ca_cert file paths.

- * Evan Meagher <https://evanmeagher.net>
- * Bugfix related to `memoryview` usage in PyOpenSSL adapter

- * John Vandenberg <jayvdb@gmail.com>
- * Python 2.6 fixes; pyflakes and pep8 compliance

- * Andy Caldwell <andy.m.caldwell@googlemail.com>
- * Bugfix related to reusing connections in indeterminate states.

- * Ville Skytt <ville.skytta@iki.fi>
- * Logging efficiency improvements, spelling fixes, Travis config.

- * Shige Takeda <smtakeda@gmail.com>
- * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

- * Jess Shapiro <jesse@jesseshapiro.net>
- * Various character-encoding fixes/tweaks
- * Disabling IPv6 DNS when IPv6 connections not supported

- * David Foster <<http://dafoster.net/>>
- * Ensure order of request and response headers are preserved.

- * Jeremy Cline <jeremy@jcline.org>
- * Added connection pool keys by scheme

- * Aviv Palivoda <palaviv@gmail.com>
- * History list to Retry object.
- * HTTPResponse contains the last Retry object.

- * Nate Prewitt <nate.prewitt@gmail.com>
- * Ensure timeouts are not booleans and greater than zero.
- * Fixed infinite loop in ``stream`` when amt=None.
- * Added length_remaining to determine remaining data to be read.
- * Added enforce_content_length to raise exception when incorrect content-length received.

- * Seth Michael Larson <sethmichaellarson@protonmail.com>
- * Created selectors backport that supports PEP 475.

- * Alexandre Dias <alex.dias@smarkets.com>
- * Don't retry on timeout if method not in whitelist

- * Moinuddin Quadri <moin18@gmail.com>
- * Lazily load idna package

- * Tom White <s6yg1ez3@mail2tor.com>
- * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

- * Tim Burke <tim.burke@gmail.com>
- * Stop buffering entire deflate-encoded responses.

- * Tuukka Mustonen <tuukka.mustonen@gmail.com>
- * Add counter for status_forcelist retries.

- * Erik Rose <erik@mozilla.com>
- * Bugfix to pyopenssl vendoring

- * Wolfgang Richter <wolfgang.richter@gmail.com>
- * Bugfix related to loading full certificate chains with PyOpenSSL backend.

- * Mike Miller <github@mikeage.net>
- * Logging improvements to include the HTTP(S) port when opening a new connection

- * Ioannis Tziakos <mail@itziakos.gr>
- * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
- * Update appveyor tox setup to use the 64bit python.

- * Akamai

- (through Jess Shapiro) <jshapiro@akamai.com>
- * Ongoing maintenance; 2017-2018

- * Dominique Leuenberger <dimstar@opensuse.org>
- * Minor fixes in the test suite

- * Will Bond <will@wbond.net>
- * Add Python 2.6 support to ``contrib.securetransport``

- * Aleksei Alekseev <alekseev.yeskela@gmail.com>
- * using auth info for socks proxy

- * Chris Wilcox <git@crwilcox.com>
- * Improve contribution guide
- * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

- * Bruce Merry <https://www.brucemerry.org.za>
- * Fix leaking exceptions when system calls are interrupted with zero timeout

- * Hugo van Kemenade <https://github.com/hugovk>
- * Drop support for EOL Python 2.6

- * Tim Bell <https://github.com/timb07>
- * Bugfix for responses with Content-Type: message/* logging warnings

- * Justin Bramley <https://github.com/jbramleycl>
- * Add ability to handle multiple Content-Encodings

- * Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
- * Remove Authorization header
regardless of case when redirecting to cross-site

- * James Meickle <https://permadeath.com/>
- * Improve handling of Retry-After header

- * Chris Jerdonek <chris.jerdonek@gmail.com>
- * Remove a spurious TypeError from the exception chain inside
HTTPConnectionPool._make_request(), also for BaseExceptions.

- * [Your name or handle] <[email or website]>
- * [Brief summary of your changes]

1.135 libxcrypt 4.4.10-10ubuntu4

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1.136 sysv-init 2.96-2.1ubuntu1

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```
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it
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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```
# COPYING.other                *- org *-  
#+TITLE: List of code with permissive licenses as used by GnuPG.  
#+STARTUP: showall
```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.142 go-yaml 2.2.8

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1.143 zap 1.10.0

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1.144 x-text 0.3.2

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1.145 libsodium 1.0.16

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1.146 autotools-dev 20180224.1

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1.147 lumberjack 2.0.0-20170531160350-a96e63847dc3

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1.148 nuid 0.0.0-20171025203129-33c603157d6f

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1.149 opentracing-go 0.0.0-20171003133519-1361b9cd60be

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1.150 six 1.14.0-2

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1.151 python-setuptools 45.2.0-1

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1.152 wheel 0.34.2-1

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

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1.155 python-certifi 2019.11.28-1

1.155.1 Available under license :

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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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

1.156 python-idna 2.8-1

1.156.1 Available under license :

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"""

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

"""

import io, sys


```
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.4',
            'Programming Language :: Python :: 3.5',
            'Programming Language :: Python :: 3.6',
            'Topic :: Internet :: Name Service (DNS)',
            'Topic :: Software Development :: Libraries :: Python Modules',
            'Topic :: Utilities',
        ],
        'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
        'test_suite': 'tests',
    }
```

```
    setup(**arguments)
```

```
if __name__ == '__main__':
    main()
```

Found in path(s):

* /opt/cola/permits/1138607654_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/setup.py

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Metadata-Version: 1.2

Name: idna

Version: 2.8

Summary: Internationalized Domain Names in Applications (IDNA)

Home-page: <https://github.com/kjd/idna>

Author: Kim Davies

Author-email: kim@cynosure.com.au

License: BSD-like

Description: Internationalized Domain Names in Applications (IDNA)

=====

Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in `RFC 5891 <<http://tools.ietf.org/html/rfc5891>>`_. This is the latest version of the protocol and is sometimes referred to as “IDNA 2008”.

This library also provides support for Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`_.

This acts as a suitable replacement for the “encodings.idna” module that comes with the Python standard library, but only supports the old, deprecated IDNA specification (`RFC 3490 <<http://tools.ietf.org/html/rfc3490>>`_).

Basic functions are simply executed:

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
```

```
.
```

```
# Python 2
>>> import idna
>>> idna.encode(u'.')
'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
```

```
.
```

Packages

The latest tagged release version is published in the PyPI repository:

```
.. image:: https://badge.fury.io/py/idna.svg
   :target: http://badge.fury.io/py/idna
```

Installation

To install this library,
you can use pip:

```
.. code-block:: bash
```

```
$ pip install idna
```

Alternatively, you can install the package using the bundled setup script:

```
.. code-block:: bash
```

```
$ python setup.py install
```

This library works with Python 2.7 and Python 3.4 or later.

Usage

For typical usage, the ``encode`` and ``decode`` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.
```

You may use the codec encoding and decoding methods using the ``idna.codec`` module:

```
.. code-block:: pycon
```

```
# Python 2
>>> import idna.codec
```

```
>>> print u'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.
```

Conversions can be applied at a per-label basis using the `ulabel` or `alabel` functions if necessary:

.. code-block:: pycon

```
# Python 2
>>> idna.alabel(u")
'xn--0zwm56d'
```

Compatibility Mapping (UTS #46)

+++++

As described in [RFC 5895](http://tools.ietf.org/html/rfc5895) [_](http://tools.ietf.org/html/rfc5895), the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as [Unicode IDNA Compatibility Processing](http://unicode.org/reports/tr46/) [_](http://unicode.org/reports/tr46/), it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as `*LATIN CAPITAL LETTER K*` is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

.. code-block:: pycon

```
# Python 3
>>> import idna
>>> idna.encode(u'Königsgäßchen')
...
idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
>>> idna.encode('Königsgäßchen', uts46=True)
b'xn--knigsgchen-b4a3dun'
>>> print(idna.decode('xn--knigsgchen-b4a3dun'))
königsgäßchen
```

Transitional processing provides conversions to help transition from the older 2003 standard to the current standard. For example, in the original IDNA specification, the `*LATIN SMALL LETTER SHARP S*` (ß) was converted into two

LATIN SMALL LETTER S (ss), whereas in the current IDNA specification this conversion is not performed.

.. code-block:: pycon

```
# Python 2
>>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
'xn--knigsgsschen-lcb0w'
```

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce unexpected incompatible results.

```
``encodings.idna`` Compatibility
+++++
```

Function calls from the Python built-in ``encodings.idna`` module are mapped to their IDNA 2008 equivalents using the ``idna.compat`` module. Simply substitute the ``import`` clause in your code to refer to the new module name.

Exceptions

All errors raised during the conversion following the specification should raise an exception derived from the ``idna.IDNAError`` base class.

More specific exceptions that may be generated as ``idna.IDNABidiError`` when the error reflects an illegal combination of left-to-right and right-to-left characters in a label; ``idna.InvalidCodepoint`` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and ``idna.InvalidCodepointContext`` when the codepoint is illegal based on its positional context (i.e. it is CONTEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

Building and Diagnostics

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria in the respective standards. These tables are computed using the command-line script ``tools/idna-data``.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:

* `idna-data make-libdata`. Generates `idnadata.py` and `uts46data.py`, the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors who wish to track this library against a different Unicode version may use this tool to manually generate a different version of the `idnadata.py` and `uts46data.py` files.

* `idna-data make-table`. Generate a table of the IDNA disposition (e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC 5892 and the pre-computed tables published by IANA <<http://iana.org/>>.

* `idna-data U+0061`. Prints debugging output on the various properties associated with an individual Unicode codepoint (in this case, U+0061), that are used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging or analysis.

The tool accepts a number of arguments, described using `idna-data -h`. Most notably, the `--version` argument allows the specification of the version of Unicode to use in computing the table data. For example, `idna-data --version 9.0.0 make-libdata` will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work in Python 2.7.

Testing

The library has a test suite based on each rule of the IDNA specification, as well as tests that are provided as part of the Unicode Technical Standard 46, 'Unicode IDNA Compatibility Processing' <<http://unicode.org/reports/tr46/>>.

The tests are run automatically on each commit at Travis CI:

```
.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
   :target: https://travis-ci.org/kjd/idna
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language

:: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Topic :: Internet :: Name Service (DNS)
Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: Utilities
Requires-Python: >=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*

Found in path(s):

* /opt/cola/permits/1138607654_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/idna.egg-info/PKG-INFO
* /opt/cola/permits/1138607654_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/PKG-INFO

1.157 chardet 3.0.4-4build1

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

Section 6 states terms for distribution of such executables.

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

If such an object file uses only numerical parameters, data

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

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

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1.158 python-requests-unixsocket 0.2.0-2

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1.159 gsettings-desktop-schemas 3.36.0-1ubuntu1

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Version 2.1, February 1999

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1.160 htop 2.2.0-2build1

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*/

/* checkTag : validation tool for libzstd

* command :

* \$./checkTag tag

* checkTag validates tags of following format : v[0-9].[0-9].[0-9]{any }

* The tag is then compared to zstd version number.

* They are compatible if first 3 digits are identical.

* Anything beyond that is free, and doesn't impact validation.

* Example : tag v1.8.1.2 is compatible with version 1.8.1

* When tag and version are not compatible, program exits with error code 1.

* When they are compatible, it exists with a code 0.

* checkTag is intended to be used in automated testing environment.

*/

1.162 fdisk 2.34.0

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

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

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

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

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

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

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

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

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

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

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

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

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

a) Accompany

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

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

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

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The

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d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

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the Front-Cover Texts being @var{list}, and with the Back-Cover Texts
being @var{list}.

@end group

@end smallexample

If you have Invariant
Sections without Cover Texts, or some other
combination of the three, merge those two alternatives to suit the
situation.

If your document contains nontrivial examples of program code, we
recommend releasing these examples in parallel under your choice of
free software license, such as the GNU General Public License,
to permit their use in free software.

@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

@c End:

LICENSING

=====

The libtasn1 library is released under the GNU Lesser General Public License (LGPL) version 2.1 or later; see [COPYING.LESSER](doc/COPYING.LESSER) for the license terms.

The GNU LGPL applies to the main libtasn1 library, while the included applications library are under the GNU GPL version 3. The libtasn1 library is located in the lib directory, while the applications in src/.

The documentation in doc/ is under the GNU FDL license 1.3.

For any copyright year range specified as YYYY-ZZZZ in this package note that the range specifies every single year in that closed interval.

1.164 sqlite 3.31.1-4ubuntu0.2

1.164.1 Available under license :

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

`<dd><p>`The psow query parameter works with the default windows and unix VFSes but might be a no-op for other proprietary or non-standard VFSes.

`<dd><p>`One might, for example, want to query all objects that overlap with the 35th parallel: `SELECT id FROM demo_index WHERE maxY>=35.0 AND minY<=35.0`; But, generally speaking, the more constraints that the R*Tree module has to work with, and the smaller the bounding box, the faster the results will come back. 3.4. Roundoff Error By default, coordinates are stored in an R*Tree using 32-bit floating point values. When a coordinate cannot be exactly represented by a 32-bit floating point number, the lower-bound coordinates are rounded down and the upper-bound coordinates are rounded up. Thus, bounding boxes might be slightly larger than specified, but will never be any smaller. This is exactly what is desired for doing the more common "overlapping" queries where the application

wants to find every entry in the R*Tree that overlaps a query bounding box. Rounding the entry bounding boxes outward might cause a few extra entries to appear in an overlapping query if the edge of the entry bounding box corresponds to an edge of the query bounding box. But the overlapping query will never miss a valid table entry. However, for a "contained-within" style query, rounding the bounding boxes outward might cause some entries to be excluded from the result set if the edge of the entry bounding box corresponds to the edge of the query bounding box. To guard against this, applications should expand their contained-within query boxes slightly (by 0.000012%) by rounding down the lower coordinates and rounding up the top coordinates, in each dimension. 3.5. Reading And Writing At The Same Time It is the nature of the Guttman R-Tree algorithm that any write might radically restructure the tree, and in the process change the scan order of the nodes. For this reason, it is not generally possible to modify the R-Tree in the middle of a query of the R-Tree. Attempts to do so will fail with a `SQLITE_LOCKED` "database table is locked" error. So, for example, suppose an application runs one query against an R-Tree like this: `SELECT id FROM demo_index WHERE maxY>=35.0 AND minY<=35.0`; Then for each "id" value returned, suppose the application creates an `UPDATE` statement like the following and binds the "id" value returned against the "?1" parameter: `UPDATE demo_index SET maxY=maxY+0.5 WHERE id=?1`; Then the `UPDATE` might fail with an `SQLITE_LOCKED` error. The reason is that the initial query has not run to completion. It is remembering its place in the middle of a scan of the R-Tree. So an update to the R-Tree cannot be tolerated as this would disrupt the scan. It is also possible to express this kind of simultaneous read and write on an R-Tree within a single query, for example if an `UPDATE` statement tries to change the value of one row of the R-Tree based

on a complicated

query from another row of the same R-Tree, perhaps something like this: UPDATE demo_index SET maxY = (SELECT max(maxX) FROM demo_index AS x2 WHERE x2.maxY>demo_index.x2) WHERE maxY>=35.0 AND minY<=35.0; This is a limitation of the R-Tree extension only. Ordinary tables in SQLite are able to read and write at the same time. Other virtual tables might (or might not) also that capability. And R-Tree can appear to read and write at the same time in some circumstances, if it can figure out how to reliably run the query to completion before starting the update. But you shouldn't count on that for every query. Generally speaking, it is best to avoid running queries and updates to the same R-Tree at the same time. If you really need to update an R-Tree based on complex queries against the same R-Tree, it is best to run the complex queries first and store the results in a temporary table, then update the R-Tree based on the values stored in the temporary table. 4. Using R*Trees Effectively

For SQLite versions prior to 3.24.0 (2018-06-04), the only information that an R*Tree index stores about an object is its integer ID and its bounding box. Additional information needs to be stored in separate tables and related to the R*Tree index using the primary key. For the example above, one might create an auxiliary table as follows: CREATE TABLE demo_data(id INTEGER PRIMARY KEY, -- primary key objname TEXT, -- name of the object objtype TEXT, -- object type boundary BLOB -- detailed boundary of object); In this example, the demo_data.boundary field is intended to hold some kind of binary representation of the precise boundaries of the object. The R*Tree index only holds an axis-aligned rectangular boundary for the object. The R*Tree boundary is just an approximation of the true object boundary. So what typically happens is that the R*Tree index is used to narrow a search down to a list of candidate objects and then more detailed and expensive computations are done on each candidate

to find if the candidate truly meets the search criteria. Key Point: An R*Tree index does not normally provide the exact answer but merely reduces the set of potential answers from millions to dozens. Suppose the demo_data.boundary field holds some proprietary data description of a complex two-dimensional boundary for an object and suppose that the application has used the sqlite3_create_function() interface to created application-defined functions "contained_in" and "overlaps" accepting two demo_data.boundary objects and return true or false. One may assume that "contained_in" and "overlaps" are relatively slow functions that we do not want to invoke too frequently. Then an efficient way to find the name of all objects located within the North Carolina 12th District, one may be to run a query like this: SELECT objname FROM demo_data, demo_index WHERE demo_data.id=demo_index.id AND contained_in(demo_data.boundary, :boundary) AND minX>=-81.0 AND maxX<=-79.6 AND minY>=35.0 AND maxY>=36.2;

In the query above, one would presumably bind the binary BLOB description of the precise boundary of the 12th district to the ":boundary" parameter. Notice how the query above works: The R*Tree index runs in the outer loop to find entries that are contained within the bounding box of longitude -81..-79.6 and latitude 35.0..36.2. For each object identifier found, SQLite looks up the corresponding entry in the demo_data table. It then uses the boundary field from the demo_data table as a parameter to the contained_in() function and if that function returns true, the objname field from the demo_data table is returned as the next row of query result. One would get the same answer without the use of the R*Tree index using the following simpler query: SELECT objname FROM demo_data WHERE contained_in(demo_data.boundary, :boundary); The problem with this latter query is that it must apply the contained_in() function to millions of entries in the demo_data table. The use of the R*Tree

in the penultimate query reduces the number of calls to contained_in() function to a small subset of the entire table. The R*Tree index did not find the exact answer itself, it merely limited the search space. 4.1. Auxiliary Columns Beginning with SQLite version 3.24.0 (2018-06-04), r-tree tables can have auxiliary columns that store arbitrary data. Auxiliary columns can be used in place of secondary tables such as "demo_data". Auxiliary columns are marked with a "+" symbol before the column name. Auxiliary columns must come after all of the coordinate boundary columns. There is a limit of no more than 100 auxiliary columns. The following example shows an r-tree table with auxiliary columns that is equivalent to the two tables "demo_index" and "demo_data" above: CREATE VIRTUAL TABLE demo_index2 USING rtree(id, -- Integer primary key minX, maxX, -- Minimum and maximum X coordinate minY, maxY, -- Minimum and maximum Y coordinate +objname TEXT, -- name of the object

+objtype TEXT, -- object
type +boundary BLOB -- detailed boundary of object);

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/requirements.html

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

SQLite is high-quality, public domain software. The goal of
members can also request their own private, proprietary extensions

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/consortium.html

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

<html>

<head>

<title>SQLite Consortium Agreement</title>

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<body bgcolor="white">

<h1 align="center">

SQLite Consortium Agreement

</h1>

<p>This SQLite Consortium Agreement ("Agreement") is made and
entered into as of the ____ day of _____, 2007 ("Effective Date")
by and between _____ (the "Company"), and
Hipp, Wyrick & Company, Inc., a Georgia Corporation with
headquarters at 6200 Maple Cove Lane, Charlotte, NC ("Hwaci").</p>

<p>WHEREAS, Hwaci is the developer of a serverless, embeddable, public
domain SQL database engine available at
http://www.sqlite.org/
("SQLite"); and</p>

<p>WHEREAS, Company wishes to support the independent development of
the SQLite database engine to insure the continuing reliability,
vitality, and independence of SQLite, and in connection therewith,
Company wishes to provide funds for ongoing research, development,
and
maintenance of the SQLite code base, operation of the SQLite
website, protection and maintenance of the SQLite
trademark, as well as for promotion of SQLite at conferences and
trade shows; and</p>

<p>WHEREAS, Company wishes to receive benefits in the form of
services from Hwaci in consideration for their support of SQLite; and

<p>WHEREAS, Company and Hwaci each wish SQLite to be supported and

maintained as an independent, community-driven project, and to ensure the SQLite development team remains independent.</p>

<p>NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:</p>

<h2>1.0 Definitions</h2>

<h3>1.1 SQLite Developers</h3>

<p>The "SQLite Developers" are the employees or contractors of Hwaci engaged in the development of SQLite, including without limitation the SQLite Architect.</p>

<h3>1.2 SQLite Architect</h3>

<p>The "SQLite Architect" is the SQLite Developer with ultimate responsibility and authority over changes and maintenance of the SQLite code. The current SQLite Architect is the original designer and developer of SQLite, D. Richard Hipp. Hwaci may change the SQLite Architect from time to time upon approval by Company.</p>

<h3>1.3 Consortium Member</h3>

<p>A "Consortium Member" is a company or organization, including but not limited to Company, which has entered into an agreement with Hwaci which is substantially similar to this Agreement.</p></p>

<h2>2.0 Agreement</h2>

<h3>2.1 Responsibilities And Obligations Of SQLite Developers</h3>

<h4>2.1.1 General Support</h4>

<p>The SQLite Developers shall provide, without limit, timely and accurate answers, advice, and instruction in response to questions and comments from Company about SQLite submitted by email or by telephone at any time day or night.</p></p>

<h4>2.1.2 Debugging Support</h4>

The SQLite Developers shall at Company's request provide Company with direct assistance in debugging applications that are built upon or use SQLite. The combined time for Debugging Support and Custom Development for Company is limited to 330 hours per year.</p></p>

<h4>2.1.3 Custom Development</h4>

The SQLite Developers shall at the request of Company write new extensions or enhancements to SQLite according to Company's specifications. These extensions and enhancements may be proprietary to Company or open source or with the consent of both Company and the SQLite Architect may be folded into the public domain SQLite source tree. The time devoted to Custom Development for Company is limited 220 hours per year.

2.1.4 Custom Builds

The SQLite Developers shall at Company's request provide Company with specialized builds of SQLite according to Company's specifications.

2.1.5 Legacy Support

The SQLite Developers shall at Company's request provide support and bug-fix patches for any historical version of SQLite.

2.1.6 Custom Testing

The SQLite Developers shall at Company's request set up and run acceptance tests according Company's specifications that are specifically designed to exercise SQLite as configured and used by Company. These acceptance tests shall be run and shall pass prior to any release of SQLite.

2.1.7 Priority Bug Fixes

The SQLite Developers shall assign highest priority to fixing bugs in SQLite that are reported by Company or in which Company has expressed a specific interest.

2.1.8 Code Quality

The SQLite Developers shall at all times keep the SQLite source code well commented and documented and clearly structured and organized so that an experienced and competent programmer can understand it and support it after no more than a few months of study.

2.1.9 Backwards Compatibility

The SQLite Developers recognize that Company uses SQLite in mission-critical applications and therefore shall work diligently to ensure continuing bug-free correct operation and backwards compatibility with prior releases.

<h4>2.1.10

Test Coverage</h4>

<p>The SQLite Developers shall maintain the SQLite test suite such that no less than 95% source code coverage is provided.

</p>

<h4>2.1.11 Website</h4>

<p>The SQLite Developers shall maintain the SQLite website at

http://www.sqlite.org/

in good working order and all SQLite source code shall

be made freely available at such website.

</p>

<h3>2.2 Responsibilities And Obligations Of The SQLite Architect</h3>

<h4>2.2.1 Private Briefings</h4>

<p>The SQLite Architect shall, at the request of Company, provide Company with private notification and briefings of any new bugs or new features in SQLite that might effect Company's products.

</p>

<h4>2.2.2 Direction</h4>

<p>The SQLite Architect shall coordinate the activities of SQLite Developers and shall publish from time to time a roadmap of proposed future changes and enhancements to SQLite.

</p>

<h4>2.2.3 Oversight</h4>

<p>The SQLite Architect shall personally review all changes to the SQLite Source Code and take responsibility for the quality and correctness of those changes.

</p>

<h4>2.2.4 Continuity</h4>

<p>The initial SQLite Architect shall be the original developer of SQLite, D. Richard Hipp. The role of SQLite Architect shall not be assigned to another during the term of this Agreement except due to the disability of Dr. Hipp and with approval of Company.

</p>

<h3>2.3 Responsibilities And Obligations Of Hwaci</h3>

<h4>2.3.1 Employer</h4>

<p>Hwaci shall act as the employer of the SQLite Developers and

SQLite Architect and shall make all tax and legal filings and tax withholding required by employers. Hwaci shall provide Company with W-9 information upon request.

2.3.2 Responsible Party

All obligations of the SQLite Developers set forth in this agreement are deemed obligations of Hwaci. Hwaci shall recruit, employ, and supervise SQLite Developers in such a way that the responsibilities and obligations of the SQLite Developers set forth in this agreement are upheld.

2.3.3 Multiple Developers

Hwaci shall recruit and employ as many SQLite Developers for as many hours as can be reasonably achieved using the funds received from Consortium Members under this agreement. So that support for SQLite will not be interrupted by the disability or withdrawal of any one SQLite Developer, Hwaci will keep at least two knowledgeable and competent SQLite Developers on staff.

2.3.4 Mentorship

Hwaci shall work to encourage independent programmers from around the world to become familiar with SQLite internals so that there will be a pool of talent able to support SQLite in the future.

2.3.5 Audits

Hwaci shall keep and maintain complete and accurate records of the use of development funds provided by Company and shall allow Company, or its representative, a certified public accountant mutually acceptable to Hwaci and Company, during office hours and at reasonable intervals, no more than once every 12 months, to inspect and make extracts or copies of such records solely for the purpose of ascertaining Hwaci's compliance with the objectives and requirements of this agreement.

2.3.6 Disaster Planning

Hwaci shall maintain backup copies of all SQLite source files and documentation, current and historical, at at least two separate locations separated from each other and from the primary on-line SQLite repository by at least 400 kilometers.

<h4>2.3.7 Trademark</h4>

<p>Hwaci shall maintain ownership of the SQLite trademark and the sqlite.org domain name and shall purchase bandwidth and server space for the http://www.sqlite.org/ website.</p>

<h4>2.3.8 No Take-overs or Buy-outs</h4>

<p>Neither Hwaci nor the SQLite Architect shall relinquish development control of SQLite during the term of this Agreement, by acquisition or merger or by any other means, except with the consent of Company.</p>

<h4>2.3.9

New Consortium Members</h5>

<p>New Consortium Members may be accepted into the consortium from time to time under identical terms as this agreement, or under substantially similar terms that have been approved by existing Consortium Members.</p>

<h4>2.3.10 Adequate Staff</h4>

Hwaci shall recruit and employ a sufficient number of qualified SQLite Developers to easily cover all custom development, debugging, and general support service obligations for all Consortium Members while still providing ample time for the SQLite Developers to engage in general maintenance and extension of SQLite.</p>

<h4>2.3.11 Use Of Funds</h4>

<p>Hwaci shall use the funds provided hereunder solely for the development and maintenance of SQLite as set forth in this Agreement. Interest on funds received in advance and held in trust will be reinvested and used for the same purposes as the principal.</p>

<h3>2.4 Responsibilities And Obligations Of Company</h3>

<h4>2.4.1 Funding</h4>

<p>Company shall provide funding for the ongoing support and maintenance of SQLite as set forth in section 3.0 "Fees".</p>

<h4>2.4.2 Copyright Disclaimer</h4>

<p>Company acknowledges that SQLite source code and documentation published on the SQLite website is in the public domain and that nothing in this agreement shall change that fact.
</p>

<h2>3.0 Fees</h2>

<p>In consideration of the performance by Hwaci, the SQLite Developers, and the SQLite Architect of the obligations described herein, Company shall pay Hwaci at least US \$75,000 per year in advance either annually, quarterly, or monthly, at Company's discretion.</p>

<h2>4.0 Confidentiality</h2>

<h3>4.1 Definition of Confidential Information</h3>

<p>"Confidential Information" means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, customers, customer lists, markets, software, developments, inventions, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances or other business information disclosed by Company either directly or indirectly in writing, orally or by drawings or inspection of parts or equipment.</p>

<h3>4.2 Non-Use and Non-Disclosure.</h3>

<p>Hwaci shall not, during or subsequent to the term of this Agreement, use Company's Confidential Information for any purpose whatsoever other than the performance of the Services or disclose Company's Confidential Information to any third party. The parties acknowledge that Confidential Information will remain the sole property of Company. Hwaci shall take all reasonable precautions to prevent any unauthorized disclosure of Confidential Information including, but not limited to, having each employee or consultant of Hwaci, if any, with access to any Confidential Information, execute a nondisclosure agreement containing provisions in Company's favor substantially similar to this Agreement. Confidential Information does not include information that: (i) is known to Hwaci at the time of disclosure to Hwaci by Company as evidenced by written records of Hwaci; (ii) has become publicly known and made generally available through no wrongful act of Hwaci; or (iii) has been received by Hwaci from a third party who is

authorized to make such disclosure.</p>

<h4>4.2.1 Disclosure Required by Law</h4>

In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency or other governmental authority, Hwaci shall, unless prohibited by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding such demand or request, shall consult with Company on the advisability of

taking legally available steps to resist or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.</p>

<h3>4.3 Return of Materials.</h3>

<p>Upon the termination of this Agreement, or upon Company's earlier request, Hwaci shall deliver to Company all of Company's property or Confidential Information that Hwaci may have in Hwaci's possession or control.</p>

<h2>5.0 Intellectual Property</h2>

<h3>5.1 No Assignment</h3>

<p>Company acknowledges that all copyrightable material, notes, records, drawings, designs, inventions, improvements, developments,

discoveries and trade secrets made, generated, conceived, or reduced to practice by Hwaci related to SQLite will remain the property of Hwaci. Nothing in this Agreement will be construed to transfer any intellectual property right of Hwaci to Company.</p>

<h3>5.2 Availability and Public Domain Dedication</h3>

<p>The SQLite Developers and Hwaci shall, subject to their discretion as to the quality and suitability of the SQLite source code and documentation

for public release, make the SQLite source code and documentation publicly available as downloadable files and make a public statement ceding all intellectual property rights, including but not limited to copyright and patent rights, in the SQLite source code and documentation to the public domain.

To the extent that the SQLite Developers and Hwaci elect not to release the SQLite source code and documentation publicly, they shall provide copies thereof to Company and hereby grants to Company, under all of the SQLite

Developers' and Hwaci's rights

including but not limited to copyright and patent rights, in and to the SQLite source code and documentation, perpetual, irrevocable, worldwide, non-exclusive, sublicenseable license to use, copy, prepare derivative works of, publicly perform and display the SQLite source code and documentation and derivative works thereof.</p>

<h3>5.3 Trademark</h3>

<p>Hwaci shall use the name "SQLite" only to apply to the publicly available project known by such name as of the Effective Date. Hwaci may in its discretion file such trademark applications or registrations as it deems appropriate to protect or record its rights therein, and may set such policies as it deems appropriate for licensing the use of the trademark.</p>

<h2>6.0 Representations And Warranties</h2>

<h3>6.1 Intellectual Property Clearances.</h3>

<p>Hwaci hereby represents and warrants that Hwaci shall enter into agreements with the SQLite Developers sufficient to enable Hwaci to undertake the obligations of Section 5.</p>

<h3>6.2 Disclaimer.</h3>

<p>THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE,

CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT. EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.

7.0 Term And Termination

7.1 Term.

This Agreement will commence on the Effective Date and will continue until 12 months after the Effective Date. Thereafter, the parties may by mutual consent renew this Agreement subject to agreement on fees to be paid by Company for sponsorship for additional periods.

7.2 Termination.

If either party materially defaults in the performance of any of its material obligations hereunder and if any such default is not corrected within 30 days after notice in writing, then the non-defaulting party, at its option, may, in addition to any other remedies it may have, thereupon terminate this Agreement by giving written notice of termination to the defaulting party.

7.3 Survival.

Upon such termination all rights and duties of the parties toward each other will cease except: Sections 4 (Confidentiality), 5 (Intellectual Property), and 8 (Miscellaneous) will survive termination of this Agreement.

8. Miscellaneous

8.1 Nonassignment/Binding Agreement.

The parties acknowledge that the unique nature of Hwaci's services are substantial consideration for the parties' entering into this Agreement. Neither this Agreement nor any rights under this Agreement may be assigned or otherwise transferred by Hwaci, in whole or in part, whether voluntarily or by operation of law, without the prior written consent of Company, which consent will not be unreasonably withheld. Subject to the foregoing, this Agreement will be binding

upon and will inure to the benefit of the parties and their respective successors and assigns. Any assignment in violation of the foregoing will be null and void.</p>

<h3>8.2 Notices.</h3>

<p>Any notice required or permitted under the terms of this Agreement or required by law must be in writing and must be: (a) delivered in person; (b) sent by first class registered mail, or air mail, as appropriate; or (c) sent by overnight air courier, in each case properly posted and fully prepaid to the appropriate address set forth in the preamble to this Agreement. Either party may change its address for notice by notice to the other party given in accordance with this Section. Notices will be considered to have been given at the time of actual delivery in person, three business days after deposit in the mail as set forth above, or one day after delivery to an overnight air courier service.</p>

<h3>8.3 Waiver.</h3>

<p>Any waiver of the provisions of this Agreement or of a party's rights or remedies under this Agreement must be in writing to be effective. Failure, neglect, or delay by a party to enforce the provisions of this Agreement or its rights or remedies at any time, will not be construed as a waiver of such party's rights under this Agreement and will not in any way affect the validity of the whole or any part of this Agreement or prejudice such party's right to take subsequent action. No exercise or enforcement by either party of any right or remedy under this Agreement will preclude the enforcement by such party of any other right or remedy under this Agreement or that such party is entitled by law to enforce.</p>

<h3>8.4 Severability.</h3>

<p>If any term, condition, or provision in this Agreement is found to be invalid, unlawful or unenforceable to any extent, the parties shall endeavor in good faith to agree to such amendments that will preserve, as far as possible, the intentions expressed in this Agreement. If the parties fail to agree on such an amendment, such invalid term, condition or provision will be

severed from the remaining terms, conditions and provisions, which will continue to be valid and enforceable to the fullest extent permitted by law.</p>

<h3>8.5 Integration.</h3>

<p>This Agreement contains the entire agreement of the parties with respect to the subject matter of this Agreement and supersedes all previous communications, representations, understandings and agreements, either oral or written, between the parties with respect to said subject matter. This Agreement may not be amended, except by a writing signed by both parties.</p>

<h3>8.6 Counterparts.</h3>

<p>This Agreement may be executed in counterparts, each of which so executed will be deemed to be an original and such counterparts together will constitute one and the same agreement.</p>

<h3>8.7 Governing Law.</h3>

<p>This Agreement will be interpreted and construed in accordance with the laws of the State of North Carolina and the United States of America, without regard to conflict of law principles. All disputes arising out of this Agreement will be subject to the exclusive jurisdiction of the state and federal courts located in North Carolina, and each party hereby consents to the personal jurisdiction thereof.</p>

<h3>8.8 Independent Contractors.</h3>

<p>It is the intention of the parties that Hwaci is an independent contractor. Nothing in this Agreement will in any way be construed to constitute Hwaci or any of its employees as an agent, employee or representative of Company.</p>

<h2>9.0 Signatures</h2>

<p>The parties have executed this Agreement below to indicate their acceptance of its terms.</p>

<table width="100%" border="0">

<tr><td valign="top">

HWACI

By:<hr>
<p> </p>
Print Name:<hr>
<p> </p>
Title:<hr>
<p> </p>
</td><td
width="10%"></td>
<td valign="top">
COMPANY

By:<hr>
<p> </p>
Print Name:<hr>
<p> </p>
Title:<hr>
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</td></tr></table>

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/consortium_agreement-20071201.html

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

<p>SQLite itself is in the public domain and can be used for any purpose. But TH3 is proprietary and requires a license.

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/th3.html

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

application code is free to use these routines as well, if desired.

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* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/34to35.html

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

<p>Public domain</p>

The source code for SQLite is in the public domain. No claim of copyright

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/different.html

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

If N>0 then the connection is free to use more of the WAL file beyond

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* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/walformat.html

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

other proprietary or non-standard VFSes.

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/uri.html

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

SQLite core and like the SQLite core are in the public domain. The

The **TH3** test harness is a set of proprietary tests, written in

Beginning in late 2018, SQLite has been fuzzed using a new proprietary

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/testing.html

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

[public domain](copyright.html). No claim of ownership is made

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/faq.html

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

Proprietary SQLite Extensions

[public domain](copyright.html). But there also exist proprietary, licensed extensions to SQLite.

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/support.html

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

application is free to use the same [database connection](..c3ref/sqlite3.html) or the

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/c3ref/c_config_covering_index_scan.html

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

<html>

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<p>FOR IMMEDIATE RELEASE:</p>

<h2 align="center">SQLite Consortium Launches With Mozilla And Symbian As Charter Members</h2>

<h3 align="center">Ensures independent technical direction for world's most deployed SQL database engine</h3>

<p>Charlotte, North Carolina - December 12, 2007 - The SQLite Consortium,

a new membership association dedicated to maintaining SQLite as a fully open and independent product, was formally announced today. Mozilla and Symbian Ltd. have joined the SQLite Consortium as charter members.<p>

<p>SQLite is a compact, high efficiency, high reliability, embeddable SQL database engine. The source code to SQLite is in the public domain and is available with no associated fees. SQLite is the most deployed SQL database engine in the world and is currently used in a wide range of commercial software products and electronic devices from leading manufacturers.

SQLite is found today in many mobile phones, MP3 players, set-top boxes, and PCs.</p>

<p>The mission of the SQLite Consortium is to continue developing and enhancing SQLite as a product that anyone may use without paying royalties or licensing fees. Members of the SQLite Consortium provide funding to enable this mission and in return receive enterprise-level technical support. Technical control and direction of SQLite remains entirely with the SQLite developers.</p>

<p>Mozilla, developer of the popular open-source Firefox web browser, and Symbian, the market-leading open operating system for advanced data-enabled smartphones, both deploy the SQLite database engine in their products. As charter members of the Consortium, Mozilla and Symbian are ensuring the development and support of SQLite as a freely accessible and public domain software asset.</p>

<p>"SQLite has become a popular embedded database because it is lightweight, fast, and open source," said Michael Schroepfer, Vice President of Engineering, Mozilla.

"As a charter member of the SQLite Consortium, Mozilla is excited to help ensure SQLite remains a vibrant and open technology, in line with our mission to promote choice and innovation on the Internet."</p>

<p>"The SQLite Consortium will help set the standards for database management which are essential in smartphone functionality and will also help create a pool of developers, highly-skilled in SQLite for future mobile phone development, " said Bruce Carney, Director, Developer Programmes & Services, Symbian.

"Our involvement with the SQL Consortium not only demonstrates Symbian's commitment to open standards in the industry, but as mobile phones become increasingly powerful and smartphones become increasingly popular, we are focused on ensuring that desktop developers, who move to the mobile space, have the easiest and most productive experience possible."</p>

<p>SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional information regarding the SQLite Consortium is available at the SQLite website, <http://www.sqlite.org/>.</p>

<center>
###

</center>

<p>About SQLite</p>

<p>SQLite is a software library that implements a self-contained, embeddable, serverless, zero-configuration, transactional SQL database engine. The code for SQLite is in the public domain and is free for any use, commercial or private. SQLite is currently found in countless software titles and electronic devices.</p>

<p>SQLite was originally developed and released 2000 by Dr. D. Richard Hipp. The code continues to be maintained and enhanced by an international team of developers under Hipp's direction.</p>

<p>

CONTACT INFORMATION:

SQLite Consortium

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Email: drh@sqlite.org

<http://www.sqlite.org/>

Tel: +1.704.948.4565

</p>

<p>About Mozilla</p>

<p>Mozilla is a global community dedicated to building free, open source products

and technologies that improve the online experience for people everywhere.

Mozilla works in the open with a highly disciplined, transparent and cooperative development process, under the umbrella of the non-profit Mozilla Foundation.

As a wholly owned subsidiary, the Mozilla Corporation organizes the development and marketing of Mozilla products. This unique structure has enabled Mozilla to financially support and cultivate competitive, viable community innovation.

For more information, visit www.mozilla.com.</p>

<p>CONTACT INFORMATION:

Mozilla Corporation

Jessica Waight

Tel: +1.415.345.4754

Email: jwaight@outcastpr.com

</p>

<p>About Symbian Limited</p>

<p>Symbian is a software licensing company that develops and licenses Symbian OS,

the market-leading open operating system for advanced, data-enabled mobile phones known as smartphones.</p>

<p>Symbian licenses Symbian OS to the world's leading handset manufacturers and has built close co-operative business relationships with leading companies across the mobile industry. During Q3 2007, 20.4 million Symbian smartphones were sold worldwide to over 250 major network operators, bringing the total number of Symbian smartphones shipped up to 30 September 2007 to 165 million.</p>

<p>Symbian has its headquarters in London, United Kingdom, with offices in the United States, United Kingdom, Asia (India, P.R. China, and Korea) and Japan. For more information, please visit www.symbian.com.</p>

<p>CONTACT INFORMATION:

Symbian Global Press Office

Karen Hamblen

+44 207 154 1707

press@symbian.com

</p>

</body></html>

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/pressrelease-20071212.html

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

is free to use SQLite from multiple threads, but it must make sure

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/custombuild.html

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

Suppose the demo_data.boundary field holds some proprietary data description

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/rtree.html

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

access to all proprietary extensions and test suites.

access to all proprietary extensions and test suites.

public domain,</p>

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/prosupport.html

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

#!/usr/bin/tclsh.docsrc

```

#### Import of wapp.tcl
# Copyright (c) 2017 D. Richard Hipp
#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the Simplified BSD License (also
# known as the "2-Clause License" or "FreeBSD License".)
#
# This program is distributed in the hope that it will be useful,
# but without any warranty; without even the implied warranty of
# merchantability or fitness for a particular purpose.
#
#-----
#
# Design rules:
#
# (1) All identifiers in the global namespace begin with "wapp"
#
# (2) Identifiers intended for internal use only begin with "wappInt"
#

# Add text to the end of the HTTP reply. No interpretation or transformation
# of the text is performed. The argument should be enclosed within {...}
#
proc wapp {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add
text to the page under construction. Do no escaping on the text.
#
# Though "unsafe" in general, there are uses for this kind of thing.
# For example, if you want to return the complete, unmodified content of
# a file:
#
#     set fd [open content.html rb]
#     wapp-unsafe [read $fd]
#     close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who write "wapp-unsafe" understands
# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
    global wapp

```

```

dict append wapp .reply $txt
}

# Add text to the end of the reply under construction. The following
# substitutions are made:
#
# %html(...)      Escape text for inclusion in HTML
# %url(...)       Escape text for use as a URL
# %qp(...)        Escape text for use as a URI query parameter
#
# %string(...)    Escape text for use within a JSON string
# %unsafe(...)    No transformations of the text
#
# The substitutions above terminate at the first ")" character. If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
# %html%(...)%
# %url%(...)%
# %qp%(...)%
# %string%(...)%
# %unsafe%(...)%
#
# In other words, use "%(..." instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
    global wapp
    reesub -all {% (html|url|qp|string|unsafe){ 1,1} ?(!%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
    global wapp
    reesub -all {\n\s+} [string
    trim $txt] \n txt
    reesub -all {% (html|url|qp|string|unsafe){ 1,1} ?(!%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

```

```

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst. Thus there are routines for "html", "url", "qp", and "unsafe".
#
# wappInt-enc-html      Escape text so that it is safe to use in the
#                        body of an HTML document.
#
# wappInt-enc-url       Escape text so that it is safe to pass as an
#                        argument to href= and src= attributes in HTML.
#
# wappInt-enc-qp        Escape text so that it is safe to use as the
#                        value of a query parameter in a URL or in
#                        post data or in a cookie.
#
# wappInt-enc-string    Escape ", ', \, and < for using inside of a
#                        javascript string literal.
#                        The < character
#                        is escaped to prevent "</script>" from causing
#                        problems in embedded javascript.
#
# wappInt-enc-unsafe    Perform no encoding at all. Unsafe.
#
proc wappInt-enc-html {txt} {
  return [string map {& &#92;} $txt]
}
proc wappInt-enc-unsafe {txt} {
  return $txt
}
proc wappInt-enc-url {s} {
  if {[regsub -all {[^-{}@~?=#_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}] s}} {
    set s [subst -novar -noblack $s]
  }
  if {[regsub -all {[{}]} $s {[wappInt-%HHchar \&]} s}} {
    set s [subst -novar -noblack $s]
  }
  return $s
}
proc wappInt-enc-qp {s} {
  if {[regsub -all {[^-{}_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}] s}} {
    set s [subst -novar -noblack $s]
  }
  if {[regsub -all {[{}]} $s {[wappInt-%HHchar \&]} s}} {
    set s [subst -novar -noblack $s]
  }
  return $s
}
proc wappInt-enc-string {s} {
  return [string map {\\ \\\\ \' \\' ' < \u003c} $s]
}

```

```

# This is a
  helper routine for wappInt-enc-url and wappInt-enc-qp. It returns
# an appropriate %HH encoding for the single character c. If c is a unicode
# character, then this routine might return multiple bytes: %HH%HH%HH
#
proc wappInt-%HHchar {c} {
  if {$c==" "} {return +}
  return [regsub -all .. [binary encode hex [encoding convertto utf-8 $c]] {%&}]
}

```

```

# Undo the www-url-encoded format.
#
# HT: This code stolen from ncgi.tcl
#
proc wappInt-decode-url {str} {
  set str [string map [list + { } "\" "\\\\" \[ \\\[ \] \\\]] $str]
  regsub -all -- \
    {%([Ee][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
    $str {[encoding convertfrom utf-8 [binary decode hex \1\2\3]]} str
  regsub -all -- \
    {%([CDcd][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
    $str {[encoding convertfrom utf-8 [binary decode hex \1\2]]} str
  regsub -all -- {%([0-7][A-Fa-f0-9])} $str {\u00\1} str
  return [subst -novar $str]
}

```

```

# Reset the document back to an empty string.
#
proc
  wapp-reset {} {
  global wapp
  dict set wapp .reply {}
}

```

```

# Change the mime-type of the result document.
#
proc wapp-mimetype {x} {
  global wapp
  dict set wapp .mimetype $x
}

```

```

# Change the reply code.
#
proc wapp-reply-code {x} {
  global wapp
  dict set wapp .reply-code $x
}

```

```

}

# Set a cookie
#
proc wapp-set-cookie {name value} {
    global wapp
    dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie { name } {
    wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
    global wapp
    dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#
# no-cache
# max-age=N          (for some integer number of seconds, N)
# private,max-age=N
#
proc wapp-cache-control {x} {
    wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
    wapp-reply-code {307 Redirect}
    wapp-reply-extra
    Location $uri
}

# Return the value of a wapp parameter
#
proc wapp-param {name {dflt {}}} {
    global wapp
    if {![dict exists $wapp $name]} {return $dflt}
    return [dict get $wapp $name]
}

```

```

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
    global wapp
    return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
    global wapp
    dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
    global wapp
    return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests. This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs
# found in other
# websites. You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links. For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params. This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting. Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#
proc wapp-allow-xorigin-params {} {
    global wapp
    if {[dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
        wappInt-decode-query-params
    }
}

```

```

# Set the content-security-policy.
#
# The default content-security-policy is very strict: "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative
CSP as the argument. Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
    global wapp
    if {$val=="off"} {
        dict unset wapp .csp
    } else {
        dict set wapp .csp $val
    }
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces. Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only. It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check {} {
    set res {}
    foreach p [info procs] {
        set ln 0
        foreach x [split [info body $p] \n] {
            incr ln
            if {[regexp {^[ \t]*wapp[ \t]+([\n]+)} $x all tail]
                && [string index $tail 0]!="\173"
                && [regexp {[[\]]} $tail]} {
                append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
            }
            if {[regexp {^[ \t]*wapp-(subst(trim)[ \t]+[^\173]} $x all cx]} {
                append res "$p:$ln: unsafe \"wapp-$cx\"
                call: \"[string trim $x]\"\n"
            }
        }
    }
    return $res
}

# Return a string that descripts the current environment. Applications

```



```

# might find this useful for debugging.
#
proc wapp-debug-env {} {
    global wapp
    set out {}
    foreach var [lsort [dict keys $wapp]] {
        if {[string index $var 0]=="."} continue
        append out "$var = [list [dict get $wapp $var]]\n"
    }
    append out "\[pwd\] = [list [pwd]]\n"
    return $out
}

# Tracing function for each HTTP request. This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket. Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
# port      Listen on this TCP port. 0 means to select a port
#           that is not currently in use
#
# wappmode  One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
    if {$wappmode=="scgi"} {
        set type SCGI
        set server [list wappInt-new-connection
wappInt-scgi-readable $wappmode]
    } else {
        set type HTTP
        set server [list wappInt-new-connection wappInt-http-readable $wappmode]
    }
    if {$wappmode=="local"} {
        set x [socket -server $server -myaddr 127.0.0.1 $port]
    } else {
        set x [socket -server $server $port]
    }
    set coninfo [chan configure $x -sockname]
    set port [lindex $coninfo 2]
    if {$wappmode=="local"} {
        wappInt-start-browser http://127.0.0.1:$port/
    } else {
        puts "Listening for $type requests on TCP port $port"
    }
}

```

```

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
    global tcl_platform
    if {$tcl_platform(platform)=="windows"} {
        exec cmd /c start $url &
    } elseif {$tcl_platform(os)=="Darwin"} {
        exec open $url &
    } elseif {[catch {exec xdg-open $url}]} {
        exec firefox $url &
    }
}

# This routine is a "socket -server" callback. The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available
# on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
    upvar #0 wappInt-$chan W
    set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
        .header {}]
    fconfigure $chan -blocking 0 -translation binary
    fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
    if {$chan=="stdout"} {
        # This happens after completing a CGI request
        exit 0
    } else {
        unset ::wappInt-$chan
        close $chan
    }
}

# Process new text received on an inbound HTTP request
#
proc wappInt-http-readable {chan} {
    if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {
        puts stderr "$msg\n$::errorInfo"
        wappInt-close-channel $chan
    }
}

```

```

}
proc wappInt-http-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if {![dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header
    set line [string trimright [gets $chan]]
    set n [string length $line]
    if {$n>0} {
      if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
        dict append W .header $line
      } else {
        dict append W .header \n$line
      }
    }
    if {[string length [dict get $W .header]]>100000} {
      error "HTTP request header too big - possible DOS attack"
    }
  } elseif {$n==0} {
    # We have reached the blank line that terminates the header.
    global argv0
    set a0 [file normalize $argv0]
    dict set W SCRIPT_FILENAME $a0
    dict set W DOCUMENT_ROOT [file dir $a0]
    if {[wappInt-parse-header $chan]} {
      catch {close $chan}
      return
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
      set len [dict get $W CONTENT_LENGTH]
    }
    if {$len>0} {
      # Still need to read the query content
      dict set W .toread $len
    } else {
      # There is no query content, so handle
the request immediately
      set wapp $W
      wappInt-handle-request $chan 0
    }
  }
} else {
  # If .toread is set, that means we are reading the query content.
  # Continue reading until .toread reaches zero.
  set got [read $chan [dict get $W .toread]]
  dict append W CONTENT $got
  dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
  if {[dict get $W .toread]<=0} {

```

```

# Handle the request as soon as all the query content is received
set wapp $W
wappInt-handle-request $chan 0
}
}
}

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
  upvar #0 wappInt-$chan W
  set hdr [split [dict get $W .header] \n]
  if {$hdr==""} {return 1}
  set req [lindex $hdr 0]
  dict set W REQUEST_METHOD [set method [lindex $req 0]]
  if {[lsearch {GET HEAD POST} $method]<0} {
    error "unsupported request method:
\"[dict get $W REQUEST_METHOD]\""
  }
  set uri [lindex $req 1]
  set split_uri [split $uri ?]
  set uri0 [lindex $split_uri 0]
  if {[!regexp {-a-z0-9/_}*$} $uri0]} {
    error "invalid request uri: \"$uri0\""
  }
  dict set W REQUEST_URI $uri0
  dict set W PATH_INFO $uri0
  set uri1 [lindex $split_uri 1]
  dict set W QUERY_STRING $uri1
  set n [llength $hdr]
  for {set i 1} {$i<$n} {incr i} {
    set x [lindex $hdr $i]
    if {[!regexp {^(.+):+(.*)$} $x all name value]} {
      error "invalid header line: \"$x\""
    }
  }
  set name [string toupper $name]
  switch -- $name {
    REFERER {set name HTTP_REFERER}
    USER-AGENT {set name HTTP_USER_AGENT}
    CONTENT-LENGTH {set name CONTENT_LENGTH}
    CONTENT-TYPE {set name CONTENT_TYPE}
    HOST {set name HTTP_HOST}
    COOKIE {set name HTTP_COOKIE}
    ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
    default {set name .hdr:$name}
  }
}

```

```

}
dict set W $name $value
}
return 0
}

# Decode the QUERY_STRING
parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
proc wappInt-decode-query-params {} {
    global wapp
    dict set wapp .qp 1
    if {[dict exists $wapp QUERY_STRING]} {
        foreach qterm [split [dict get $wapp QUERY_STRING] &] {
            set qsplit [split $qterm =]
            set nm [lindex $qsplit 0]
            if {[regexp {[a-z][a-z0-9]*} $nm]} {
                dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
            }
        }
    }
    if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
        set ctype [dict get $wapp CONTENT_TYPE]
        if {$ctype=="application/x-www-form-urlencoded"} {
            foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
                set qsplit [split $qterm =]
                set nm [lindex $qsplit 0]
                if {[regexp {[a-z][-a-z0-9_]*} $nm]} {
                    dict set wapp $nm [wappInt-decode-url
[lindex $qsplit 1]]
                }
            }
        }
        } elseif {[string match multipart/form-data* $ctype]} {
            regexp {^(.*?)\r\n(.*?)$} [dict get $wapp CONTENT] all divider body
            set ndiv [string length $divider]
            while {[string length $body]} {
                set idx [string first $divider $body]
                set unit [string range $body 0 [expr {$idx-3}]]
                set body [string range $body [expr {$idx+$ndiv+2}] end]
                if {[regexp {^Content-Disposition: form-data; (.*?)\r\n\r\n(.*?)$} \
                    $unit unit hdr content] &&
                    [regexp {name="(.*?)"; filename="(.*?)"\r\nContent-Type: (.*?)$} \
                    $hdr hr name filename mimetype]} {
                    dict set wapp $name.filename \

```

```

    [string map [list \\" \" \\\\ \]] $filename]
    dict set wapp $name.mimetype $mimetype
    dict set wapp $name.content $content
  }
}
}
}
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always
# runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
  global wapp
  dict set wapp .reply {}
  dict set wapp .mimetype {text/html; charset=utf-8}
  dict set wapp .reply-code {200 Ok}
  dict set wapp .csp {default-src 'self'}

  # Set up additional CGI environment values
  #
  if {[dict exists $wapp HTTP_HOST]} {
    dict set wapp BASE_URL {}
  } elseif {[dict exists $wapp HTTPS]} {
    dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
  } else {
    dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
  }
  if {[dict exists $wapp REQUEST_URI]} {
    dict set wapp REQUEST_URI /
  } elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
    # Some servers (ex: nginx) append the query parameters to REQUEST_URI.
    # These need to be stripped off
    dict set wapp REQUEST_URI $newR
  }
  if {[dict exists $wapp SCRIPT_NAME]} {
    dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
  } else {
    dict set wapp
    SCRIPT_NAME {}
  }
  if {[dict exists $wapp PATH_INFO]} {
    # If PATH_INFO is missing (ex: nginx) the construct it
    set URI [dict get $wapp REQUEST_URI]
  }
}

```

```

set skip [string length [dict get $wapp SCRIPT_NAME]]
dict set wapp PATH_INFO [string range $URI $skip end]
}
if {[regexp {^/(^/)+(.*)$} [dict get $wapp PATH_INFO] all head tail}} {
dict set wapp PATH_HEAD $head
dict set wapp PATH_TAIL [string trimleft $tail /]
} else {
dict set wapp PATH_INFO {}
dict set wapp PATH_HEAD {}
dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
set qsplit [split [string trim $qterm] =]
set nm [lindex $qsplit 0]
if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
dict set wapp $nm [wappInt-decode-url [lindex
$qsplit 1]]
}
}
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
set referer [dict get $wapp HTTP_REFERER]
set base [dict get $wapp BASE_URL]
if {$referer==$base || [string match $base/* $referer]} {
set same_origin 1
}
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request. If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.
#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
if {$mname!="" && [llength [info proc wapp-page-$mname]]>0} {

```

```

    wapp-page-$mname
  } else {
    wapp-default
  }
} msg] {
if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
  puts "ERROR: $::errorInfo"
}
wapp-reset
wapp-reply-code "500 Internal Server Error"
wapp-mimetype
text/html
wapp-trim {
  <h1>Wapp Application Error</h1>
  <pre>%html($::errorInfo)</pre>
}
dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {
  puts $chan "Status: [dict get $wapp .reply-code]\r"
} else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
}
if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
    puts $chan "$name: $value\r"
  }
}
if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
}
set mimetype [dict get $wapp .mimetype]
puts $chan "Content-Type: $mimetype\r"
if {[dict exists $wapp .new-cookies]} {
  foreach {nm val} [dict get $wapp .new-cookies] {
    if {[regexp {[a-z][-a-z0-9_]*$} $nm]} {
      if {$val==""} {
        puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
      } else {
        set
      }
    }
  }
}
val [wappInt-enc-url $val]
puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=\r"
}

```



```

    }
  }
}
if {[string match text/* $mimetype]} {
  set reply [encoding convertto utf-8 [dict get $wapp .reply]]
  if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
    catch {
      set x [zlib gzip $reply]
      set reply $x
      puts $chan "Content-Encoding: gzip\r"
    }
  }
} else {
  set reply [dict get $wapp .reply]
}
puts $chan "Content-Length: [string length $reply]\r"
puts $chan \r
puts $chan $reply
flush $chan
wappInt-close-channel $chan
}

```

```

# This routine runs just prior to request-handler dispatch. The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

```

```

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
  global wapp env
  foreach key {
    CONTENT_LENGTH
    CONTENT_TYPE
    DOCUMENT_ROOT
    HTTP_ACCEPT_ENCODING
    HTTP_COOKIE
    HTTP_HOST
    HTTP_REFERER
    HTTP_USER_AGENT
    HTTPS
    PATH_INFO
    QUERY_STRING
    REMOTE_ADDR
    REQUEST_METHOD
    REQUEST_URI
    REMOTE_USER

```

```

SCRIPT_FILENAME
SCRIPT_NAME
SERVER_NAME
SERVER_PORT
SERVER_PROTOCOL
} {
  if {[info exists env($key)]} {
    dict set wapp $key $env($key)
  }
}
set len 0
if {[dict exists $wapp CONTENT_LENGTH]} {
  set len [dict get $wapp CONTENT_LENGTH]
}
if {$len>0} {
  fconfigure stdin -translation binary
  dict set wapp CONTENT [read stdin $len]
}
dict set wapp WAPP_MODE cgi
fconfigure stdout -translation binary
wappInt-handle-request stdout 1
}

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
  if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}
proc wappInt-scgi-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if
  {![dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header.
    #
    # An SGI header is short. This implementation assumes the entire
    # header is available all at once.
    #
    set req [read $chan 15]
    set n [string length $req]
    scan $req %d:%s len hdr
    incr len [string length "$len:."]
    append hdr [read $chan [expr {$len-15}]]
    foreach {nm val} [split $hdr \000] {
      if {$nm=="."} break
    }
  }
}

```

```

dict set W $nm $val
}
set len 0
if {[dict exists $W CONTENT_LENGTH]} {
    set len [dict get $W CONTENT_LENGTH]
}
if {$len>0} {
    # Still need to read the query content
    dict set W .toread $len
} else {
    # There is no query content, so handle the request immediately
    set wapp $W
    wappInt-handle-request $chan 0
}
} else {
    # If .toread is set, that means we are reading the query content.
    # Continue reading until .toread reaches zero.
    set got [read
$chan [dict get $W .toread]]
    dict append W CONTENT $got
    dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
    if {[dict get $W .toread]<=0} {
        # Handle the request as soon as all the query content is received
        set wapp $W
        wappInt-handle-request $chan 0
    }
}
}
}

```

```

# Start up the wapp framework. Parameters are a list passed as the
# single argument.
#
# -server $PORT      Listen for HTTP requests on this TCP port $PORT
#
# -local $PORT      Listen for HTTP requests on 127.0.0.1:$PORT
#
# -scgi $PORT       Listen for SCGI requests on TCP port $PORT
#
# -cgi              Handle a single CGI request
#
# With no arguments, the behavior is called "auto". In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run
# as CGI. Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional

```

```

options:
#
# -trace      "puts" each request URL as it is handled, for
#             debugging
#
# -lint      Run wapp-safety-check on the application instead
#            of running the application itself
#
# -Dvar=value  Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
  global env
  set mode auto
  set port 0
  set n [llength $arglist]
  for {set i 0} {$i<$n} {incr i} {
    set term [lindex $arglist $i]
    if {[string match --* $term]} {set term [string range $term 1 end]}
    switch -glob -- $term {
      -server {
        incr i;
        set mode "server"
        set port [lindex $arglist $i]
      }
      -local {
        incr i;
        set mode "local"
        set port [lindex $arglist $i]
      }
      -scgi {
        incr i;
        set mode "scgi"
        set port [lindex $arglist $i]
      }
      -cgi {
        set mode "cgi"
      }
      -trace {
        proc wappInt-trace {} {
          set q [wapp-param QUERY_STRING]
          set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
          if {$q!=""} {append uri ?$q}
          puts $uri
        }
      }
      -lint {

```

```

set res [wapp-safety-check]
if {$res!=""} {
    puts "Potential problems in this code:"
    puts $res
    exit 1
} else {
    exit
}
}
}
-D*=* {
    if {[regexp {^D([^=]+)=(.*)$} $term all var val]} {
        set ::$var $val
    }
}
default {
    error "unknown option: $term"
}
}
}
if {($mode=="auto"
    && [info exists env(GATEWAY_INTERFACE)]
    && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
    || $mode=="cgi"
} {
    wappInt-handle-cgi-request
    return
}
if {$mode=="scgi"} {
    wappInt-start-listener $port scgi
} elseif {$mode=="server"} {
    wappInt-start-listener $port server
} else {
    wappInt-start-listener $port local
}
vwait ::forever
}

# Call this version
1.0
package provide wapp 1.0

#### End of wapp.tcl

# Generate all header content for the output document
#
proc search_header {} {
    wapp-trim {
<!DOCTYPE html>

```

```

<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="../sqlite.css" rel="stylesheet">
<title>Search SQLite Stats</title>
<!-- path=../ -->
</head>
<body>
<div class=nosearch>
<a href="../index.html">

</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="../index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='../about.html'>About</a>
<li class='desktoponly'><a href="../docs.html">Documentation</a>
<li class='desktoponly'><a
href="../download.html">Download</a>
<li class='wideonly'><a href='../copyright.html'>License</a>
<li class='desktoponly'><a href="../support.html">Support</a>
<li class='desktoponly'><a href="../prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='../about.html'>About</a>
<li><a href='../docs.html'>Documentation</a>
<li><a href='../download.html'>Download</a>
<li><a href='../support.html'>Support</a>
<li><a href='../prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="../search">
<select name="s" id="searchtype">
<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">

```

```

</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w =
  document.getElementById(nm);
if( w.style.display=="block" ){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}
function div_off(nm){ document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){ div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display
= 'none';
b.innerHTML='show';
}else{
x.style.display = "";
b.innerHTML='hide';
}
return false;
}
</script>
</div>
}

```

```

}

proc wapp-default {} {
# When running using the built-in webserver in Wapp (in other words,
# when not running as CGI) any filename that contains a "." loads
# directly from the filesystem.
if {[wapp-param WAPP_MODE]!="cgi"}
&& [string match *.* [wapp-param PATH_INFO]]
} {
set altfile [file dir [wapp-param SCRIPT_FILENAME]]/../[wapp-param PATH_INFO]
set fd [open $altfile rb]
fconfigure $fd -translation binary
wapp-unsafe [read $fd]
close $fd
switch -glob -- $altfile {
*.html {
wapp-mimetype text/html
}
*.css {
wapp-mimetype text/css
}
*.gif {
wapp-mimetype image/gif
}
}
return
}
wapp-page-admin
}
proc wapp-page-admin {} {
wapp-allow-xorigin-params
wapp-content-security-policy off
if {[wapp-param-exists env]} {
search_header
wapp-trim {

<h1>Environment</h1>
<pre>%html([wapp-debug-env])</pre>
}
return
}
sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/searchlog.db
set where ""
set res ""

set ipfilter ""
set ipaddr [wapp-param ip]
if {$ipaddr!=""} {

```



```

set where {WHERE ip = $ipaddr}
set ipfilter $ipaddr
}

set checked ""
set isUnique [expr {[wapp-param unique 0]+0}]
if {$isUnique} {
  set checked "checked"
}

set limit [wapp-param limit 10]
set s10 ""
set s100 ""
set s1000 ""
if {$limit==10} {set s10 selected}
if {$limit==100} {set s100 selected}
if {$limit==1000} {set s1000 selected}

search_header
set self [wapp-param PATH_HEAD]
wapp-trim {
  <div style="margin:2em">
  <center>
  <form action='%url($self)' method='GET'>
  Results: <select name=limit onChange="this.form.submit()">
    <option %html($s10) value="10">10</option>
    <option %html($s100) value="100">100</option>
    <option %html($s1000) value="1000">1000</option>
  </select>
  IP: <input type=input name=ip value="%html($ipfilter)">
  Unique: <input
    type=checkbox name=unique value=1
    $checked
    onChange="this.form.submit()">
  <input type=submit>
  </form>
  </center>
  </div>
  <table border=1 cellpadding=10 align=center>
  <tr><td><th>IP <th>Query <th> Results <th> Timestamp
}

set i 0
db2 eval "
SELECT rowid, ip, query, nres, timestamp FROM log $where
ORDER BY rowid DESC
" {

```

```

if {$isUnique} {
  if {[info exists seen($query)]} continue
  set seen($query) 1
}

wapp-trim {
  <tr><td>%html($rowid)
    <td><a href='%url($self)?ip=%qp($ip)'>%html($ip)</a>
    <td><a href='../search?q=%qp($query)&donotlog=1'>%html($query)</a>
    <td>%html($nres)<td>%html($timestamp)
  }
  incr i
  if {$i >= $limit} break
}
wapp-subst {</table\n}
db2 close
}
wapp-start $argv

```

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/search.d/admin
 No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/about.html
 No license file was found, but licenses were detected in source scan.

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 or some proprietary format into

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/features.html
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without a shared lock, other processes are free to modify the database

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SQLite is open source, and is available in the public domain

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Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/docs.html

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[public domain](copyright.html) and so most

Found in path(s):

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proprietary. The TH3 code is only accessible to SQLite developers.

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/qmplan.html

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

<html>

<title>SQLite Copyright Release Template</title>

<body bgcolor="white">

<h1 align="center">

Copyright Release for

Contributions To SQLite

</h1>

<p>

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</p>

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</p>

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```
#!/usr/bin/tclsh.docsrc
#### Import of wapp.tcl
# Copyright (c) 2017 D. Richard Hipp
#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the Simplified BSD License (also
# known as the "2-Clause License" or "FreeBSD License".)
#
# This program is distributed in the hope that it will be useful,
# but without any warranty; without even the implied warranty of
# merchantability or fitness for a particular purpose.
#
#-----
#
# Design rules:
#
# (1) All identifiers in the global namespace begin with "wapp"
#
# (2) Identifiers intended for internal use only begin with "wappInt"
#

# Add text to the end of the HTTP reply. No interpretation or transformation
# of the text is performed. The argument should be enclosed within {...}
#
proc wapp {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add
text to the page under construction. Do no escaping on the text.
#
# Though "unsafe" in general, there are uses for this kind of thing.
# For example, if you want to return the complete, unmodified content of
# a file:
#
#     set fd [open content.html rb]
#     wapp-unsafe [read $fd]
#     close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who write "wapp-unsafe" understands
# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
```

```

#
proc wapp-unsafe {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add text to the end of the reply under construction. The following
# substitutions are made:
#
# %html(...)      Escape text for inclusion in HTML
# %url(...)       Escape text for use as a URL
# %qp(...)        Escape text for use as a URI query parameter
#
# %string(...)    Escape text for use within a JSON string
# %unsafe(...)    No transformations of the text
#
# The substitutions above terminate at the first ")" character. If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
# %html%(...)%
# %url%(...)%
# %qp%(...)%
# %string%(...)%
# %unsafe%(...)%
#
# In other words, use "%(...)%" instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
    global wapp
    regsub -all {% (html|url|qp|string|unsafe){ 1,1 }?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
    global wapp
    regsub -all {\n\s+} [string
    trim $txt] \n txt
    regsub -all {% (html|url|qp|string|unsafe){ 1,1 }?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt

```

```

dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst. Thus there are routines for "html", "url", "qp", and "unsafe".
#
# wappInt-enc-html      Escape text so that it is safe to use in the
#                       body of an HTML document.
#
# wappInt-enc-url      Escape text so that it is safe to pass as an
#                       argument to href= and src= attributes in HTML.
#
# wappInt-enc-qp       Escape text so that it is safe to use as the
#                       value of a query parameter in a URL or in
#                       post data or in a cookie.
#
# wappInt-enc-string   Escape ", ', \, and < for using inside of a
#                       javascript string literal.
#                       The < character
#                       is escaped to prevent "</script>" from causing
#                       problems in embedded javascript.
#
# wappInt-enc-unsafe   Perform no encoding at all. Unsafe.
#
proc wappInt-enc-html {txt} {
  return [string map {& &lt; &gt; &quot; \\ &#92;} $txt]
}
proc wappInt-enc-unsafe {txt} {
  return $txt
}
proc wappInt-enc-url {s} {
  if {[regsub -all {[^-@~?=#_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]}} s] {
    set s [subst -novar -noback $s]
  }
  if {[regsub -all {[\{\}]}} $s {[wappInt-%HHchar \&]} s] {
    set s [subst -novar -noback $s]
  }
  return $s
}
proc wappInt-enc-qp {s} {
  if {[regsub -all {[^-._a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]}} s] {
    set s [subst -novar -noback $s]
  }
  if {[regsub -all {[\{\}]}} $s {[wappInt-%HHchar \&]} s] {
    set s [subst -novar -noback $s]
  }
  return $s
}
}

```



```

proc wappInt-enc-string {s} {
    return [string map {\ \ \ \ \ \" \ \" ' \" ' < \| < \| u003c} $s]
}

# This is a
# helper routine for wappInt-enc-url and wappInt-enc-qp. It returns
# an appropriate %HH encoding for the single character c. If c is a unicode
# character, then this routine might return multiple bytes: %HH%HH%HH
#
proc wappInt-%HHchar {c} {
    if {$c==" "} {return +}
    return [regsub -all .. [binary encode hex [encoding convertto utf-8 $c]] {%&}]
}

# Undo the www-url-encoded format.
#
# HT: This code stolen from ncgi.tcl
#
proc wappInt-decode-url {str} {
    set str [string map [list + { } "\" \"\\\" \" \\[ \ ] \\\ ] $str]
    regsub -all -- \
        {%([Ee][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2\3]]} str
    regsub -all -- \
        {%([CDcd][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2]]} str
    regsub -all -- {%([0-7][A-Fa-f0-9])} $str {\u00\1} str
    return [subst -novar $str]
}

# Reset the document back to an empty string.
#
proc
wapp-reset {} {
    global wapp
    dict set wapp .reply {}
}

# Change the mime-type of the result document.
#
proc wapp-mimetype {x} {
    global wapp
    dict set wapp .mimetype $x
}

# Change the reply code.
#

```

```

proc wapp-reply-code {x} {
  global wapp
  dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
  global wapp
  dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie {name} {
  wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
  global wapp
  dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#
# no-cache
# max-age=N          (for some integer number of seconds, N)
# private,max-age=N
#
proc wapp-cache-control {x} {
  wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
  wapp-reply-code {307 Redirect}
  wapp-reply-extra
  Location $uri
}

# Return the value of a wapp parameter
#
proc wapp-param {name {dflt {}}} {
  global wapp

```

```

if {[dict exists $wapp $name]} {return $dfmt}
return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
    global wapp
    return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
    global wapp
    dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
    global wapp
    return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests. This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs
# found in other
# websites. You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links. For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params. This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting. Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#
proc wapp-allow-xorigin-params {} {
    global wapp
    if {[dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {

```

```

wappInt-decode-query-params
}
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict: "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative
CSP as the argument. Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
    global wapp
    if {$val=="off"} {
        dict unset wapp .csp
    } else {
        dict set wapp .csp $val
    }
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces. Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only. It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check {} {
    set res {}
    foreach p [info procs] {
        set ln 0
        foreach x [split [info body $p] \n] {
            incr ln
            if {[regexp {^[ \t]*wapp[ \t]+([\n]+)} $x all tail]
                && [string index $tail 0]!="\173"
                && [regexp {[[ $]} $tail]
            } {
                append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
            }
            if {[regexp {^[ \t]*wapp-(subst|trim)[ \t]+([\n]+)} $x all cx]} {
                append res "$p:$ln: unsafe \"wapp-$cx\"
                call: \"[string trim $x]\"\n"
            }
        }
    }
    return $res
}

```

```

}

# Return a string that describes the current environment. Applications
# might find this useful for debugging.
#
proc wapp-debug-env {} {
    global wapp
    set out {}
    foreach var [lsort [dict keys $wapp]] {
        if {[string index $var 0]=="."} continue
        append out "$var = [list [dict get $wapp $var]]\n"
    }
    append out "\[pwd\] = [list [pwd]]\n"
    return $out
}

# Tracing function for each HTTP request. This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket. Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
# port      Listen on this TCP port. 0 means to select a port
#           that is not currently in use
#
# wappmode  One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
    if {$wappmode=="scgi"} {
        set type SCGI
        set server [list wappInt-new-connection
wappInt-scgi-readable $wappmode]
    } else {
        set type HTTP
        set server [list wappInt-new-connection wappInt-http-readable $wappmode]
    }
    if {$wappmode=="local"} {
        set x [socket -server $server -myaddr 127.0.0.1 $port]
    } else {
        set x [socket -server $server $port]
    }
    set coninfo [chan configure $x -sockname]
    set port [lindex $coninfo 2]
    if {$wappmode=="local"} {
        wappInt-start-browser http://127.0.0.1:$port/
    } else {

```

```

    puts "Listening for $type requests on TCP port $port"
}
}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
    global tcl_platform
    if {$tcl_platform(platform)=="windows"} {
        exec cmd /c start $url &
    } elseif {$tcl_platform(os)=="Darwin"} {
        exec open $url &
    } elseif {[catch {exec xdg-open $url}]} {
        exec firefox $url &
    }
}

# This routine is a "socket -server" callback. The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available
# on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
    upvar #0 wappInt-$chan W
    set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
        .header {}]
    fconfigure $chan -blocking 0 -translation binary
    fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
    if {$chan=="stdout"} {
        # This happens after completing a CGI request
        exit 0
    } else {
        unset ::wappInt-$chan
        close $chan
    }
}

# Process new text received on an inbound HTTP request
#
proc wappInt-http-readable {chan} {
    if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {

```

```

puts stderr "$msg\n$::errorInfo"
wappInt-close-channel $chan
}
}
proc wappInt-http-readable-unsafe {chan} {
upvar #0 wappInt-$chan W wapp wapp
if {[dict exists $W .toread]} {
# If the .toread key is not set, that means we are still reading
# the header
set line [string trimright [gets $chan]]
set n [string length $line]
if {$n>0} {
if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
dict append W .header $line
} else {
dict append W .header \n$line
}
}
if {[string length [dict get $W .header]]>100000} {
error "HTTP request header too big - possible DOS attack"
}
} elseif {$n==0} {
# We have reached the blank line that terminates the header.
global argv0
set a0 [file normalize $argv0]
dict set W SCRIPT_FILENAME $a0
dict set W DOCUMENT_ROOT [file dir $a0]
if {[wappInt-parse-header $chan]} {
catch {close $chan}
return
}
set len 0
if {[dict exists $W CONTENT_LENGTH]} {
set len [dict get $W CONTENT_LENGTH]
}
if {$len>0} {
# Still need to read the query content
dict set W .toread $len
} else {
# There is no query content, so handle
the request immediately
set wapp $W
wappInt-handle-request $chan 0
}
}
} else {
# If .toread is set, that means we are reading the query content.
# Continue reading until .toread reaches zero.
set got [read $chan [dict get $W .toread]]

```

```

dict append W CONTENT $got
dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
if {[dict get $W .toread]<=0} {
    # Handle the request as soon as all the query content is received
    set wapp $W
    wappInt-handle-request $chan 0
}
}
}

```

Decode the HTTP request header.

#

This routine is always running inside of a [catch], so if

any problems arise, simply raise an error.

#

```

proc wappInt-parse-header {chan} {
    upvar #0 wappInt-$chan W
    set hdr [split [dict get $W .header] \n]
    if {$hdr==""} {return 1}
    set req [lindex $hdr 0]
    dict set W REQUEST_METHOD [set method [lindex $req 0]]
    if {[lsearch {GET HEAD POST} $method]<0} {
        error "unsupported request method:
\"[dict get $W REQUEST_METHOD]\""
    }
    set uri [lindex $req 1]
    set split_uri [split $uri ?]
    set uri0 [lindex $split_uri 0]
    if {[!regexp {-a-z0-9_/*} $uri0]} {
        error "invalid request uri: \"$uri0\""
    }
    dict set W REQUEST_URI $uri0
    dict set W PATH_INFO $uri0
    set uri1 [lindex $split_uri 1]
    dict set W QUERY_STRING $uri1
    set n [llength $hdr]
    for {set i 1} {$i<$n} {incr i} {
        set x [lindex $hdr $i]
        if {[!regexp {^(.+):+(.*)$} $x all name value]} {
            error "invalid header line: \"$x\""
        }
        set name [string toupper $name]
        switch -- $name {
            REFERER {set name HTTP_REFERER}
            USER-AGENT {set name HTTP_USER_AGENT}
            CONTENT-LENGTH {set name CONTENT_LENGTH}
            CONTENT-TYPE {set name CONTENT_TYPE}
            HOST {set name HTTP_HOST}
        }
    }
}

```



```

COOKIE {set name HTTP_COOKIE}
ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
default {set name .hdr:$name}
}
dict set W $name $value
}
return 0
}

# Decode the QUERY_STRING
parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
proc wappInt-decode-query-params {} {
    global wapp
    dict set wapp .qp 1
    if {[dict exists $wapp QUERY_STRING]} {
        foreach qterm [split [dict get $wapp QUERY_STRING] &] {
            set qsplitted [split $qterm =]
            set nm [lindex $qsplitted 0]
            if {[regexp {[a-z][a-z0-9]*} $nm]} {
                dict set wapp $nm [wappInt-decode-url [lindex $qsplitted 1]]
            }
        }
    }
}

if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
    set ctype [dict get $wapp CONTENT_TYPE]
    if {$ctype=="application/x-www-form-urlencoded"} {
        foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
            set qsplitted [split $qterm =]
            set nm [lindex $qsplitted 0]
            if {[regexp {[a-z][-a-z0-9_]*} $nm]} {
                dict set wapp $nm [wappInt-decode-url
[lindex $qsplitted 1]]
            }
        }
    }
} elseif {[string match multipart/form-data* $ctype]} {
    regexp {^(.*?)\r\n(.*?)$} [dict get $wapp CONTENT] all divider body
    set ndiv [string length $divider]
    while {[string length $body]} {
        set idx [string first $divider $body]
        set unit [string range $body 0 [expr {$idx-3}]]
        set body [string range $body [expr {$idx+$ndiv+2}] end]
        if {[regexp {^Content-Disposition: form-data; (.*?)\r\n\r\n(.*?)$} \
$unit unit hdr content] &&

```

```

[regex {name="(.*)"; filename="(.*)"\r\nContent-Type: (.*)$}\
 $hdr hr name filename mimetype}] {
dict set wapp $name.filename \
[string map [list \\ " \ " \\ \\ \\] $filename]
dict set wapp $name.mimetype $mimetype
dict set wapp $name.content $content
}
}
}
}
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always
# runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
global wapp
dict set wapp .reply {}
dict set wapp .mimetype {text/html; charset=utf-8}
dict set wapp .reply-code {200 Ok}
dict set wapp .csp {default-src 'self'}

# Set up additional CGI environment values
#
if {![dict exists $wapp HTTP_HOST]} {
dict set wapp BASE_URL {}
} elseif {[dict exists $wapp HTTPS]} {
dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
} else {
dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
}
if {![dict exists $wapp REQUEST_URI]} {
dict set wapp REQUEST_URI /
} elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
# Some servers (ex: nginx) append the query parameters to REQUEST_URI.
# These need to be stripped off
dict set wapp REQUEST_URI $newR
}
if {[dict exists $wapp SCRIPT_NAME]} {
dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
} else {
dict set wapp
SCRIPT_NAME {}
}
}

```

```

if {[dict exists $wapp PATH_INFO]} {
  # If PATH_INFO is missing (ex: nginx) the construct it
  set URI [dict get $wapp REQUEST_URI]
  set skip [string length [dict get $wapp SCRIPT_NAME]]
  dict set wapp PATH_INFO [string range $URI $skip end]
}
if {[regexp {^/(^/)+(.*)$} [dict get $wapp PATH_INFO] all head tail]} {
  dict set wapp PATH_HEAD $head
  dict set wapp PATH_TAIL [string trimleft $tail /]
} else {
  dict set wapp PATH_INFO {}
  dict set wapp PATH_HEAD {}
  dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
  foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
    set qsplit [split [string trim $qterm] =]
    set nm [lindex $qsplit 0]
    if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
      dict set wapp $nm [wappInt-decode-url [lindex
$split 1]]
    }
  }
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
  set referer [dict get $wapp HTTP_REFERER]
  set base [dict get $wapp BASE_URL]
  if {$referer==$base || [string match $base/* $referer]} {
    set same_origin 1
  }
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
  wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request. If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.
#
wapp-before-dispatch-hook
wappInt-trace

```

```

set mname [dict get $wapp PATH_HEAD]
if {[catch {
  if {$mname!="" && [length [info proc wapp-page-$mname]]>0} {
    wapp-page-$mname
  } else {
    wapp-default
  }
} msg]} {
  if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
    puts "ERROR: $::errorInfo"
  }
  wapp-reset
  wapp-reply-code "500 Internal Server Error"
  wapp-mimetype
  text/html
  wapp-trim {
    <h1>Wapp Application Error</h1>
    <pre>%html($::errorInfo)</pre>
  }
  dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {
  puts $chan "Status: [dict get $wapp .reply-code]\r"
} else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
}
if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
    puts $chan "$name: $value\r"
  }
}
if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
}
set mimetype [dict get $wapp .mimetype]
puts $chan "Content-Type: $mimetype\r"
if {[dict exists $wapp .new-cookies]} {
  foreach {nm val} [dict get $wapp .new-cookies] {
    if {[regexp {[a-z][-a-z0-9_]*}$} $nm]} {
      if {$val==""} {
        puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
      } else {
        set
      }
    }
  }
}

```

```

val [wappInt-enc-url $val]
    puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=^r"
    }
}
}
}
if {[string match text/* $mimetype]} {
    set reply [encoding convertto utf-8 [dict get $wapp .reply]]
    if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
        catch {
            set x [zlib gzip $reply]
            set reply $x
            puts $chan "Content-Encoding: gzip\r"
        }
    }
} else {
    set reply [dict get $wapp .reply]
}
puts $chan "Content-Length: [string length $reply]\r"
puts $chan \r
puts $chan $reply
flush $chan
wappInt-close-channel $chan
}

```

```

# This routine runs just prior to request-handler dispatch. The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.

```

```

#
proc wapp-before-dispatch-hook {} {return}

```

```

# Process a single CGI request

```

```

#
proc wappInt-handle-cgi-request {} {
    global wapp env
    foreach key {
        CONTENT_LENGTH
        CONTENT_TYPE
        DOCUMENT_ROOT
        HTTP_ACCEPT_ENCODING
        HTTP_COOKIE
        HTTP_HOST
        HTTP_REFERER
        HTTP_USER_AGENT
        HTTPS
        PATH_INFO
        QUERY_STRING
        REMOTE_ADDR
    }
}

```

```

REQUEST_METHOD
REQUEST_URI
REMOTE_USER
SCRIPT_FILENAME
SCRIPT_NAME
SERVER_NAME
SERVER_PORT
SERVER_PROTOCOL
} {
  if {[info exists env($key)]} {
    dict set wapp $key $env($key)
  }
}
set len 0
if {[dict exists $wapp CONTENT_LENGTH]} {
  set len [dict get $wapp CONTENT_LENGTH]
}
if {$len>0} {
  fconfigure stdin -translation binary
  dict set wapp CONTENT [read stdin $len]
}
dict set wapp WAPP_MODE cgi
fconfigure stdout -translation binary
wappInt-handle-request stdout 1
}

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
  if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}
proc wappInt-scgi-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if
  {![dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header.
    #
    # An SGI header is short. This implementation assumes the entire
    # header is available all at once.
    #
    set req [read $chan 15]
    set n [string length $req]
    scan $req %d:%s len hdr
    incr len [string length "$len:."]
  }
}

```

```

append hdr [read $chan [expr {$len-15}]]
foreach {nm val} [split $hdr \000] {
    if {$nm==","} break
    dict set W $nm $val
}
set len 0
if {[dict exists $W CONTENT_LENGTH]} {
    set len [dict get $W CONTENT_LENGTH]
}
if {$len>0} {
    # Still need to read the query content
    dict set W .toread $len
} else {
    # There is no query content, so handle the request immediately
    set wapp $W
    wappInt-handle-request $chan 0
}
} else {
    # If .toread is set, that means we are reading the query content.
    # Continue reading until .toread reaches zero.
    set got [read
$chan [dict get $W .toread]]
    dict append W CONTENT $got
    dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
    if {[dict get $W .toread]<=0} {
        # Handle the request as soon as all the query content is received
        set wapp $W
        wappInt-handle-request $chan 0
    }
}
}
}

```

```

# Start up the wapp framework. Parameters are a list passed as the
# single argument.
#
# -server $PORT      Listen for HTTP requests on this TCP port $PORT
#
# -local $PORT      Listen for HTTP requests on 127.0.0.1:$PORT
#
# -scgi $PORT       Listen for SCGI requests on TCP port $PORT
#
# -cgi              Handle a single CGI request
#
# With no arguments, the behavior is called "auto". In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run
# as CGI. Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.

```

```

#
# Additional
# options:
#
# -trace          "puts" each request URL as it is handled, for
#                 debugging
#
# -lint          Run wapp-safety-check on the application instead
#                 of running the application itself
#
# -Dvar=value     Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
    global env
    set mode auto
    set port 0
    set n [llength $arglist]
    for {set i 0} {$i<$n} {incr i} {
        set term [lindex $arglist $i]
        if {[string match --* $term]} {set term [string range $term 1 end]}
        switch -glob -- $term {
            -server {
                incr i;
                set mode "server"
                set port [lindex $arglist $i]
            }
            -local {
                incr i;
                set mode "local"
                set port [lindex $arglist $i]
            }
            -scgi {
                incr i;
                set mode "scgi"
                set port [lindex $arglist $i]
            }
            -cgi {
                set mode "cgi"
            }
            -trace {
                proc wappInt-trace {} {
                    set q [wapp-param QUERY_STRING]
                    set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
                    if {$q!=""} {append uri ?$q}
                    puts $uri
                }
            }
        }
    }
}

```



```

}
-lint {
    set res [wapp-safety-check]
    if {$res!=""} {
        puts "Potential problems in this code:"
        puts $res
        exit 1
    } else {
        exit
    }
}
-D*=* {
    if {[regexp {^\.D([^\=]+)=(.*)$} $term all var val]} {
        set ::$var $val
    }
}
default {
    error "unknown option: $term"
}
}
}
if {$mode=="auto"
    && [info exists env(GATEWAY_INTERFACE)]
    && [string match CGI/1.* $env(GATEWAY_INTERFACE)]
|| $mode=="cgi"
} {
    wappInt-handle-cgi-request
    return
}
if {$mode=="scgi"} {
    wappInt-start-listener $port scgi
} elseif {$mode=="server"} {
    wappInt-start-listener $port server
} else {
    wappInt-start-listener $port local
}
vwait ::forever
}

# Call this version
1.0
package provide wapp 1.0

#### End of wapp.tcl

# Generate all header content for the output document
#
proc search_header {} {

```

```

wapp-trim {
<!DOCTYPE html>
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="sqlite.css" rel="stylesheet">
<title>Search SQLite Documentation</title>
<!-- path= -->
</head>
<body>
<div class=nosearch>
<a href="index.html">

</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='about.html'>About</a>
<li class='desktoponly'><a href="docs.html">Documentation</a>
<li class='desktoponly'><a href="download.html">Download</a>
<li
class='wideonly'><a href='copyright.html'>License</a>
<li class='desktoponly'><a href="support.html">Support</a>
<li class='desktoponly'><a href="prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='about.html'>About</a>
<li><a href='docs.html'>Documentation</a>
<li><a href='download.html'>Download</a>
<li><a href='support.html'>Support</a>
<li><a href='prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="search">
<select name="s" id="searchtype">
<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>

```

```

<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w = document.getElementById(nm);
if( w.style.display=="block"
){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}
function div_off(nm){ document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){ div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match || !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display = 'none';
b.innerHTML='show';
}else{
x.style.display
= "";
b.innerHTML='hide';
}
return false;
}
</script>

```

```

</div>
}
}

#-----
# Add an entry to the log database for the current query. Which
# returns $nRes results.
#
proc search_add_log_entry {nRes} {
    if {[wapp-param-exists donotlog]} return
    sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/search.d/searchlog.db
    db2 timeout 10000
    set ip [wapp-param REMOTE_ADDR]
    set query [wapp-param q]
    db2 eval {
        PRAGMA synchronous=OFF;
        PRAGMA journal_mode=OFF;
        BEGIN;
        CREATE TABLE IF NOT EXISTS log(
            ip,          -- IP query was made from
            query,       -- Fts5 query string
            nres,        -- Number of results
            timestamp DEFAULT CURRENT_TIMESTAMP
        );
        INSERT INTO log(ip, query, nres) VALUES($ip, $query, $nRes);
        COMMIT;
    }
    db2 close
}

#-----
# This command
# is similar to the builtin Tcl [time] command, except that
# it only ever runs the supplied script once. Also, instead of returning
# a string like "xxx microseconds per iteration", it returns "x.yy ms" or
# "x.yy s", depending on the magnitude of the time spent running the
# command. For example:
#
# % time {after 1500}
# 1.50 s
# % time {after 45}
# 45.02 ms
#
proc ttime {script} {
    set t [lindex [time [list uplevel $script]] 0]
    if {$t>1000000} { return [format "%.2f s" [expr {$t/1000000.0}]] }
    return [format "%.2f ms" [expr {$t/1000.0}]]
}

```

```

#-----
# Do a search of the change log
#
proc searchchanges { } {
  set q [wapp-param q]
  if {$q==""} {return {}}
  if {[regexp -all \x22 $q] % 2} { append q \x22 }
  set x ""
  foreach word [split $q " "] {
    append x "\[string map [list "" ""\"] $word]\["
  }
  set q [string trim $x]
  set open {<span style="background-color:#d9f2e6">}
  set close {</span>}
  set query {
    SELECT url, version, idx, highlight(change, 3, $open, $close) AS text
    FROM change($q) ORDER BY rowid ASC
  }
  wapp-trim {
    <p>Change log entries mentioning: <b>%html($q)</b>
    <table border=0>
  }
  set s2 "style=\margin-top:0\["
  set s1 "style=\font-size:larger; text-align:left\[" class=nounderline"
  set prev ""
  db eval $query {
    if {$prev!=$version} {
      wapp-trim {
        <tr> <td %unsafe($s1) valign=top> <a href='%url($url)'>%html($version)</a>
        <td> <ul %unsafe($s2)>
      }
      set prev $version
    }
    wapp-subst {<li value=%html($idx)> (%html($idx)) %unsafe($text)\n}
  }
  wapp-trim {
    </table>
    <center><p>You can also see the <a href=changes.html>entire
    changelog as a single page</a> if you wish.</center>
  }
}

#-----
# Do a search over all documentation other than the change log
#
proc searchresults { } {
  set q [wapp-param q]

```

```

if {$q==""} {return
""}

# Count the "" characters in $::A(q). If there is an odd number of
# occurrences, add a " to the end of the query so that fts5 can parse
# it without error.
if {[regexp -all \x22 $q] % 2} { append q \x22 }

# Set iStart to the index of the first result to display. Results are
# indexed starting at zero from most to least relevant.
#
set iStart 0
catch {set iStart [expr {[wapp-param i 0]*10}]}

# Grab a list of rowid results.
#
set sql {
SELECT rowid FROM page WHERE page MATCH $q
ORDER BY srnk(page) DESC,
rank * COALESCE(
(SELECT percent FROM weight WHERE id=page.rowid), 100
);
}
if {[catch { set IRowid [db eval $sql] }]} {
set x ""
foreach word [split $q " "] {
append x " \"[string map [list "\"" "\\""] $word]\""
}
set q [string trim $x]
set IRowid [db eval $sql]
}

set IRes [list]
foreach rowid $IRowid {
if {$rowid > 1000} {
set parent [expr $rowid / 1000]
lappend subsections($parent)
$rowid
} else {
lappend IRes $rowid
}
}

set nRes [llength $IRes]
set IRes [lrange $IRes $iStart [expr $iStart+9]]

# Add an entry to the log database.
#

```

```

search_add_log_entry $nRes

# If there are no results, return a message to that effect.
#
if {[length $iRes] == 0} {
  wapp-subst {<p>No Results for: <b>%html($q)</b>\n}
}

# HTML markup used to highlight keywords within FTS5 generated snippets.
#
set open {<span style="background-color:#d9f2e6">}
set close {</span>}
set ellipsis {<b>&nbsp;&nbsp;&nbsp;...&nbsp;&nbsp;&nbsp;</b>}

# Grab the required data
#
db eval [string map [list %LIST% [join $iRowid ,]] {
  SELECT
    rowid AS parentid,
    snippet(page, 0, $open, $close, $ellipsis, 6) AS s_apis,
    snippet(page, 2, $open, $close, ", 40) AS s_title1,
    snippet(page, 3, $open, $close, $ellipsis, 40) AS s_title2,
    snippet(page, 4, $open, $close, $ellipsis, 40) AS s_content,
    url, rank
  FROM page($q)
  WHERE rowid
  IN (%LIST%)
}] X {
  foreach k [array names X] { set data($X(parentid),$k) [set X($k)] }
}

set i1 [expr {$iStart+1}]
set i2 [expr {($nRes < $iStart+10) ? $nRes : $iStart+10}]
wapp-trim {
  <table border=0>
  <p>Search results %html($i1)..%html($i2) of %html($nRes) for: <b>%html($q)</b>
}

foreach rowid $iRes {

  foreach a {parentid s_apis s_title1 s_content url rank} {
    set $a $data($rowid,$a)
  }

  if {[info exists subsections($parentid)]} {
    set childid [lindex $subsections($parentid) 0]
    set link $data($childid,url)
    set hdr $data($childid,s_title2)
  }
}

```

```

if {$hdr==""} {
  set s_content ""
} else {
  set s_content [subst {
    <b><a style=color:#044a64 href=$link>$hdr</a></b>
  }]
}

append s_content " $data($childid,s_content)"
}

wapp-trim {<tr>
  <td valign=top style="line-height:150%">
  <div style="white-space:wrap;font-size:larger" class=nounderline>
    <a href="%url($url)">%unsafe($s_title1)</a>

    <div style="float:right;font-size:smaller;color:#BBB">(%url($url))</div>
  </div>
  <div style="margin-left: 10ex; font:larger monospace">%unsafe($s_apis)</div>
  <div style="margin-left: 4ex; margin-bottom:1.5em">
    %unsafe($s_content)
  </div>
</td>
}
}
wapp-subst {</table>\n}

# If the query returned more than 10 results, add up to 10 links to
# each set of 10 results (first link to results 1-10, second to 11-20,
# third to 21-30, as required).
#
if {$nRes>10} {
  set s(0) {border:solid #044a64 1px;padding:1ex;margin:1ex;line-height:300%;}
  set s(1) "$s(0);background:#044a64;color:white"
  wapp-subst {<center><p>\n}
  for {set i 0} {$i < 10 && ($i*10)<$nRes} {incr i} {
    set style $s([expr {(($iStart/10)==$i)])
    wapp-trim {
      <a style="%html($style)"
        href="search?q=%qp($q)&i=%qp($i)">%html([expr $i+1])</a>
    }
  }
  wapp-subst {</center>\n}
}
}

```



```

# This is the main entry point into the search result page generator
#
proc wapp-default {} {
    wapp-content-security-policy {default-src 'self' 'unsafe-inline'}
    wapp-allow-xorigin-params
    if {[wapp-param-exists env]} {
        search_header
        wapp-trim {
            <h1>Environment Dump For Debugging</h1>
            <pre>%html([wapp-debug-env])</pre>
        }
        return
    }

    # When running using the built-in webserver in Wapp (in other words,
    # when not running as CGI) any filename that contains a "." loads
    # directly from the filesystem.
    if {[wapp-param WAPP_MODE]!="cgi"
        && [string match *.* [wapp-param PATH_INFO]]
    } {
        set altfile [file dir [wapp-param SCRIPT_FILENAME]][wapp-param PATH_INFO]
        set fd [open $altfile rb]
        fconfigure $fd -translation binary
        wapp-unsafe [read $fd]
        close $fd
        switch -glob -- $altfile {
            *.html {
                wapp-mimetype text/html
            }
            *.css {
                wapp-mimetype text/css
            }
            *.gif {
                wapp-mimetype
            }
            image/gif
        }
        return
    }

    search_header
    sqlite3 db [file dir [wapp-param SCRIPT_FILENAME]]/search.d/search.db
    set searchType [wapp-param s d]
    if {$searchType=="c"} {
        set cmd searchchanges
    } else {
        set cmd searchresults
    }
}

```

```

db transaction {
  set t [itime {$cmd}]
}
wapp-trim {
  <center>
  <p>Page generated by <a href='fts5.html'>FTS5</a> in about %html($t).
  </center>
  <script>
  window.addEventListener('load', function() {
    var w = document.getElementById("searchmenu");
    w.style.display = "block";
    w = document.getElementById("searchtype");
    w.value = "%string($searchType)"
    setTimeout(function(){
      var s = document.getElementById("searchbox");
      s.value = "%string([wapp-param q])"
      s.focus();
      s.select();
    }, 30);
  });
  </script>
}
}
wapp-start $argv

```

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/search
 No license file was found, but licenses were detected in source scan.

data, so do not send the ".fullschema" output of a proprietary database

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/cli.html
 No license file was found, but licenses were detected in source scan.

application is free to use the same database connection or the

Found in path(s):

* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/capi3ref.html
 No license file was found, but licenses were detected in source scan.

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* /opt/cola/permits/1143446940_1615628662.26/0/sqlite3-3-31-1-orig-www-1-tar-xz/www/copyright.html

1.165 pynacl 1.3.0

1.165.1 Available under license :

Apache License

Version 2.0, January 2004

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1.170 inotify 0.2.10

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Found in path(s):

- * /opt/cola/permits/1154551203_1618864476.63/0/inotify-0-2-10-tar-gz/inotify-0.2.10/inotify.egg-info/PKG-INFO
- * /opt/cola/permits/1154551203_1618864476.63/0/inotify-0-2-10-tar-gz/inotify-0.2.10/PKG-INFO

1.171 sh 1.13.1

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1.172 asyncio-nats-client 0.9.2

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Found in path(s):

```
* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/nats/aio/__init__.py  
* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/nats/__init__.py  
* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/nats/protocol/__init__.py  
* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/nats/aio/errors.py  
* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/nats/protocol/parser.py  
*  
/opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/nats/aio/client.py  
* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/nats/aio/nuid.py  
* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/nats/aio/utlis.py
```

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Metadata-Version: 2.1

Name: asyncio-nats-client

Version: 0.9.2

Summary: NATS client for Python Asyncio

Home-page: <https://github.com/nats-io/nats.py>

Author: Waldemar Quevedo

Author-email: wally@synadia.com

License: Apache 2 License

Description: Asyncio based Python client for NATS, a lightweight, high-performance cloud native messaging system

Platform: UNKNOWN

Classifier: Intended Audience :: Developers

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: 3.7

Provides-Extra: nkeys

Found in path(s):

* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/PKG-INFO

* /opt/cola/permits/1154776895_1618890070.84/0/asyncio-nats-client-0-9-2-tar-gz/asyncio-nats-client-0.9.2/asyncio_nats_client.egg-info/PKG-INFO

1.173 netmiko 2.4.1

1.173.1 Available under license :

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1.174 textfsm 1.1.0

1.174.1 Available under license :

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1.175 junos-eznc 2.2.1

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for more details.

Found in path(s):

* /opt/cola/permits/1154776947_1618890097.62/0/junos-eznc-2-2-1-tar-gz/junos-eznc-2.2.1/lib/jnpr/junos/utils/config.py

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Metadata-Version: 1.2

Name: junos-eznc

Version: 2.2.1

Summary: Junos 'EZ' automation for non-programmers

Home-page: <http://www.github.com/Juniper/py-junos-eznc>

Author: Jeremy Schulman, Nitin Kumar, Rick Sherman, Stacy Smith

Author-email: jnpr-community-netdev@juniper.net

License: Apache 2.0
Description: UNKNOWN
Keywords: Junos NETCONF networking automation
Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Console
Classifier: Intended Audience :: Developers
Classifier: Intended Audience :: Information Technology
Classifier: Intended Audience :: System Administrators
Classifier: Intended Audience :: Telecommunications Industry
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Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python ::
2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
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Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: System :: Networking
Classifier: Topic :: Text Processing :: Markup :: XML
Requires-Python: >=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*

Found in path(s):

* /opt/cola/permits/1154776947_1618890097.62/0/junos-eznc-2-2-1-tar-gz/junos-eznc-2.2.1/lib/junos_eznc.egg-info/PKG-INFO
* /opt/cola/permits/1154776947_1618890097.62/0/junos-eznc-2-2-1-tar-gz/junos-eznc-2.2.1/PKG-INFO

1.176 pyeapi 0.8.4

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1.177 pyiosxr 0.53

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1.178 jsonpath-ng 1.4.3

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* /opt/cola/permits/1154776936_1618890066.76/0/jsonpath-ng-1-4-3-1-tar-gz/jsonpath-ng-1.4.3/jsonpath_ng/ext/iterable.py
* /opt/cola/permits/1154776936_1618890066.76/0/jsonpath-ng-1-4-3-1-tar-gz/jsonpath-ng-1.4.3/jsonpath_ng/ext/filter.py
* /opt/cola/permits/1154776936_1618890066.76/0/jsonpath-ng-1-4-3-1-tar-gz/jsonpath-ng-1.4.3/jsonpath_ng/ext/arithmetic.py
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* /opt/cola/permits/1154776936_1618890066.76/0/jsonpath-ng-1-4-3-1-tar-gz/jsonpath-ng-1.4.3/tests/test_jsonpath_rw_ext.py
*
/opt/cola/permits/1154776936_1618890066.76/0/jsonpath-ng-1-4-3-1-tar-gz/jsonpath-ng-1.4.3/jsonpath_ng/ext/parser.py

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Metadata-Version: 1.1

Name: jsonpath-ng

Version: 1.4.3

Summary: A final implementation of JSONPath for Python that aims to be standard compliant, including arithmetic and binary comparison operators and providing clear AST for metaprogramming.

Home-page: <https://github.com/h2non/jsonpath-ng>

Author: Tomas Aparicio

Author-email: tomas@aparicio.me

License: Apache 2.0

Description: Python JSONPath Next-Generation |[Build Status](#)| [PyPI](#)| [Coverage Status](#)|

=====

A final implementation of JSONPath for Python that aims to be standard compliant, including arithmetic

and binary comparison operators, as defined in the original `JSONPath proposal`.

This packages merges both `jsonpath-rw` and `jsonpath-rw-ext` and provides several AST API enhancements, such as the ability to update or removes nodes in the tree.

About

This library provides a robust and significantly extended implementation of JSONPath for Python. It is tested with CPython 2.6, 2.7 & 3.x.

This library differs from other JSONPath implementations in that it is a full *language* implementation, meaning the JSONPath expressions are first class objects, easy to analyze, transform, parse, print, and extend.

Quick Start

To install, use pip:

```
.. code:: bash
```

```
$ pip install --upgrade jsonpath-ng
```

Usage

Basic examples:

```
.. code:: python
```

```
$ python
```

```
>>> from jsonpath_ng import jsonpath, parse
```

```
# A robust parser, not just a regex. (Makes powerful extensions possible; see below)
```

```
>>> jsonpath_expr = parse('foo[*].baz')
```

```
# Extracting values is easy
```

```
>>> [match.value for match in jsonpath_expr.find({'foo': [{'baz': 1}, {'baz': 2}])]
```

```
[1, 2]
```

```
# Matches remember where they came from
```

```
>>> [str(match.full_path) for match in jsonpath_expr.find({'foo': [{'baz': 1}, {'baz': 2}])]
```

```
['foo.[0].baz', 'foo.[1].baz']
```

```
# And this can be useful for automatically providing ids for bits of data that do not have them (currently a global switch)
```

```
>>> jsonpath.auto_id_field = 'id'
>>> [match.value for match in parse('foo[*].id').find({'foo': [{'id': 'bizzle'}, {'baz': 3}]})]
['foo.bizzle', 'foo.[1]']
```

```
# A handy extension: named operators like `parent`
```

```
>>> [match.value for match in parse('a.*.b.`parent`.c').find({'a': {'x': {'b': 1, 'c': 'number one'}, 'y': {'b': 2, 'c': 'number two'}}}]]
['number two', 'number one']
```

```
# You can also build expressions directly quite easily
```

```
>>> from jsonpath_ng.jsonpath import Fields
>>> from jsonpath_ng.jsonpath import Slice

>>> jsonpath_expr_direct = Fields('foo').child(Slice('*')).child(Fields('baz')) # This is equivalent
```

Using the extended parser:

```
.. code:: python
```

```
$ python
```

```
>>> from jsonpath_ng.ext import parse
```

```
# A robust parser, not just a regex. (Makes powerful extensions possible; see below)
```

```
>>> jsonpath_expr = parse('foo[*].baz')
```

JSONPath Syntax

The JSONPath syntax supported by this library includes some additional features and omits some problematic features (those that make it unportable). In particular, some new operators such as ``|`` and ``where`` are available, and parentheses are used for grouping not for

callbacks into Python, since with these changes the language is not trivially associative. Also, fields may be quoted whether or not they are contained in brackets.

Atomic expressions:

Syntax	Meaning
--------	---------

``\$``	The root object	
``this``	The "current" object.	
``foo``	More generally, this syntax allows "named operators" to extend JSONPath in arbitrary ways	
field	Specified field(s), described below	
``[*field*]``	Same as *field*	
``[*idx*]``	Array access, described below (this is always unambiguous with field access)	

Jsonpath operators:

Syntax	Meaning	
jsonpath1 ``.`` *jsonpath2* *jsonpath1*	All nodes matched by *jsonpath2* starting at any node matching *jsonpath1*	
jsonpath ``[*whatever*]``	Same as *jsonpath* \[*whatever*]	
jsonpath1 ``.`` *..`` *jsonpath2*	All nodes matched by *jsonpath2* that descend from any node matching *jsonpath1*	
jsonpath1 ``where`` *jsonpath2*	Any nodes matching *jsonpath1* with a child matching *jsonpath2*	
jsonpath1 `` `` *jsonpath2*	Any nodes matching the union of *jsonpath1* and *jsonpath2*	

Field specifiers (*field*):

Syntax	Meaning	
``fieldname``	the field ``fieldname`` (from the "current" object)	
``"fieldname"``	same as above, for allowing special characters in the fieldname	

``fieldname``	ditto	
``*``	any field	
field ```,` *field*`	either of the named fields (you can always build equivalent jsonpath using `` ``)	

Array specifiers (*idx*):

Syntax	Meaning
``[*n*]``	array index (may be comma-separated list)
``[*start*:*end*[:*step*]]``	array slicing (note that *step* is unimplemented only due to lack of need thus far)
``[*]``	any array index

Programmatic JSONPath

If you are programming in Python and would like a more robust way to create JSONPath expressions that does not depend on a parser, it is very easy to do so directly, and here are some examples:

- ``Root()``
- ``Slice(start=0, end=None, step=None)``
- ``Fields('foo', 'bar')``
- ``Index(42)``
- ``Child(Fields('foo'), Index(42))``
- ``Where(Slice(), Fields('subfield'))``
- ``Descendants(jsonpath, jsonpath)``

Extras

- *Path data*: The result of ``JsonPath.find`` provide detailed context and path data so it is easy to traverse to parent objects, print full paths to pieces of data, and generate automatic ids.
- *Automatic Ids*: If you set ``jsonpath_ng.auto_id_field`` to a value other than None, then for any piece of data missing that field, it will be replaced by the JSONPath to it, giving automatic unique ids to any

piece of data. These ids will take into account any ids

already present as well.

- ***Named operators***: Instead of using ``@`` to reference the currently object, this library uses ``this``. In general, any string contained in backquotes can be made to be a new operator, currently by extending the library.

Extensions

name	Example
len	-\$objects.`len`
sub	-\$field.`sub(/foo\\ \\+(.*)/, \\ \\1)`
split	-\$field.`split(+, 2, -1)`
	-\$field.`split(sep, segment, maxsplit)`
sorted	-\$objects.`sorted`
	-\$objects[\\some_field]
	-\$objects[\\some_field/other_field]
filter	-\$objects[?(@some_field > 5)]
	-\$objects[?some_field = "foobar"]
	-\$objects[?some_field > 5 & other < 2]
arithmetic	-\$foo + "_" + \$bar
(-+*/)	-\$foo * 12
	-\$objects[*].cow + \$objects[*].cat

About arithmetic and string

Operations are done with python operators and allows types that python allows, and return [] if the operation can be done due to incompatible types.

When operators are used, a jsonpath must be fully defined otherwise jsonpath-rw-ext can't know if the expression is a string or a jsonpath field, in this case it will choose string as type.

Example with data::

{

```
'cow': 'foo',
'fish': 'bar'
}
```

```
**|**cow + fish** returns **cowfish**
**|**$.cow + $.fish** returns **foobar**
**|**$.cow + "_" + $.fish** returns **foo_bar**
**|**$.cow + "_" + fish** returns **foo_fish**
```

About arithmetic and list

Arithmetic can be used against two lists if they have the same size.

Example with data::

```
{'objects': [
  {'cow': 2, 'cat': 3},
  {'cow': 4, 'cat': 6}
]}
```

```
|**$.objects[*].cow + $.objects[*].cat** returns **[6, 9]**
```

More to explore

There are way too many JSONPath implementations out there to discuss. Some are robust, some are toy projects that still work fine, some are exercises. There will undoubtedly be many more. This one is made for use in released, maintained code, and in particular for programmatic access to the abstract syntax and extension. But JSONPath at its simplest just isn't that complicated, so you can probably use any of them successfully. Why not this one?

The original proposal, as far as I know:

- `JSONPath - XPath for
JSON <<http://goessner.net/articles/JSONPath/>>` __ by Stefan Goessner.

Other examples

Loading json data from file

.. code:: python

```
import json
```

```
d = json.loads('{"foo": [{"baz": 1}, {"baz": 2}]}')
# or
with open('myfile.json') as f:
    d = json.load(f)
```

Special note about PLY and docstrings

The main parsing toolkit underlying this library, `PLY <https://github.com/dabeaz/ply>`, does not work with docstrings removed. For example, ```PYTHONOPTIMIZE=2``` and ```python -OO``` will both cause a failure.

Contributors

This package is authored and maintained by:

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(`@kennknowles <<https://twitter.com/KennKnowles>>`)
- `Tomas Aparicio <<https://github.com/h2non>>`

with the help
of patches submitted by `these contributors <<https://github.com/kennknowles/python-jsonpath-ng/graphs/contributors>>`.

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.. `_JSONPath proposal`: <http://goessner.net/articles/JsonPath/>

```
.. _`jsonpath-rw`: https://github.com/kennknowles/python-jsonpath-rw
.. _`jsonpath-rw-ext`: https://pypi.python.org/pypi/jsonpath-rw-ext/

.. |PyPi downloads| image:: https://pypip.in/d/jsonpath-ng/badge.png
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.. |Documentation Status| image:: https://img.shields.io/badge/docs-latest-green.svg?style=flat
:target: http://jsonpath-ng.readthedocs.io/en/latest/?badge=latest
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

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Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.2

Classifier: Programming Language :: Python :: 3.3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Found in path(s):

```
* /opt/cola/permits/1154776936_1618890066.76/0/jsonpath-ng-1-4-3-1-tar-gz/jsonpath-ng-1.4.3/jsonpath_ng.egg-
info/PKG-INFO
```

```
* /opt/cola/permits/1154776936_1618890066.76/0/jsonpath-ng-1-4-3-1-tar-gz/jsonpath-ng-1.4.3/PKG-INFO
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1.4.3/jsonpath_ng/bin/jsonpath.py
```

1.179 nxapi-plumbing 0.5.2

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1.180 protobuf3-to-dict 0.1.5

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Metadata-Version: 1.1

Name: protobuf3-to-dict

Version: 0.1.5

Summary: Ben Hodgson: A teeny Python library for creating Python dicts from protocol buffers and the reverse.
Useful as an intermediate step before serialisation (e.g. to JSON). Kapor: upgrade it to PB3 and PY3, rename it to
protobuf3-to-dict

Home-page: <https://github.com/kaporzhu/protobuf-to-dict>

Author: Kapor Zhu

Author-email: kapor.zhu@gmail.com

License: Public Domain

Description: UNKNOWN

Keywords: protobuf,json,dict

Platform: UNKNOWN

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.5

Classifier: Development Status :: 4 - Beta

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Classifier: Operating System :: OS Independent

Classifier: Topic :: Software Development :: Libraries :: Python

Modules

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* /opt/cola/permits/1154776889_1618890096.15/0/protobuf3-to-dict-0-1-5-tar-gz/protobuf3-to-dict-0.1.5/PKG-INFO

* /opt/cola/permits/1154776889_1618890096.15/0/protobuf3-to-dict-0-1-5-tar-gz/protobuf3-to-dict-0.1.5/src/protobuf3_to_dict.egg-info/PKG-INFO

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1.181 kafka-python 1.4.5

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1.182 enum34 1.1.3

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1.183 napalm 2.4.0

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1.186 open-ldap 2.4.49+dfsg-2ubuntu1.8

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1.187 cachecontrol 0.12.6

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1.188 urllib3 1.25.8

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Contributions to the urllib3 project

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Contributors

In chronological order:

* victor.vde <<http://code.google.com/u/victor.vde/>>

* HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

* NTLM-authenticated HTTPSConnectionPool

* Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>

* Client-verified SSL certificates for HTTPSConnectionPool

* Response gzip and deflate encoding support

* Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>

* Non-multipart encoding for POST requests

* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

* Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>

* Bugfixes, suggestions, Requests integration

* georgemarshall <<https://github.com/georgemarshall>>

* Bugfixes, Improvements and Test

coverage

* Thomas Kluyver <thomas@kluyver.me.uk>

* Python 3 support

* brandon-rhodes <<http://rhodesmill.org/brandon>>

* Design review, bugfixes, test coverage.

- * studer <theo.studer@gmail.com>
- * IPv6 url support and test coverage

- * Shivaram Lingamneni <slingamn@cs.stanford.edu>
- * Support for explicitly closing pooled connections

- * hartator <hartator@gmail.com>
- * Corrected multipart behavior for params

- * Thomas Weischuh <thomas@t-8ch.de>
- * Support for TLS SNI
- * API unification of ssl_version/cert_reqs
- * SSL fingerprint and alternative hostname verification
- * Bugfixes in testsuite

- * Sune Kirkeby <mig@ibofobi.dk>
- * Optional SNI-support for Python 2 via PyOpenSSL.

- * Marc Schlaich <marc.schlaich@gmail.com>
- * Various bugfixes and test improvements.

- * Bryce Boe <bbzbryce@gmail.com>
- * Correct six.moves conflict
- * Fixed pickle support of some exceptions

- * Boris Figovsky <boris.figovsky@ravellosystems.com>
- * Allowed to skip SSL hostname verification

- * Cory Benfield
<<https://lukasa.co.uk/about/>>
- * Stream method for Response objects.
- * Return native strings in header values.
- * Generate 'Host' header when using proxies.

- * Jason Robinson <jaywink@basshero.org>
- * Add missing WrappedSocket.fileno method in PyOpenSSL

- * Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- * Fixed a race condition

- * Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
- * Added HTTPS (CONNECT) proxy support

- * Stephen Holsapple <sholsapp@gmail.com>
- * Added abstraction for granular control of request fields

- * Martin von Gagern <Martin.vGagern@gmx.net>
- * Support for non-ASCII header parameters

- * Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- * Support for separate connect and request timeouts

- * Peter Waller <p@pwaller.net>
- * HTTPResponse.tell() for determining amount received over the wire

- * Nipunn Koorapati <nipunn1313@gmail.com>
- * Ignore default ports when comparing hosts for equality

- * Danilo @dbrgn <https://dbrgn.ch/>
- * Disabled TLS compression by default on Python 3.2+
- * Disabled TLS compression in pyopenssl contrib module
- * Configurable cipher suites in pyopenssl contrib module

- * Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- * Account retries on proxy errors

- * Nicolas Delaby <nicolas.delaby@ezeep.com>
- * Use the platform-specific CA certificate locations

- * Josh Schneier <https://github.com/jschneier>
- * HTTPHeaderDict and associated tests and docs
- * Bugfixes, docs, test coverage

- * Tahia Khan <http://tahia.tk/>
- * Added Timeout examples in docs

- * Arthur Grunseid <https://grunseid.com>
- * source_address support and tests (with https://github.com/bui)

- * Ian Cordasco <graffatcolmingov@gmail.com>
- * PEP8 Compliance and Linting
- * Add ability to pass socket options to an HTTP Connection

- * Erik Tollerud <erik.tollerud@gmail.com>
- * Support for standard library io module.

- * Krishna Prasad <kprasad.iitd@gmail.com>
- * Google App Engine documentation

- * Aaron Meurer
<asmeurer@gmail.com>
- * Added Url.url, which unparses a Url

- * Evgeny Kapun <abacabadabacaba@gmail.com>
- * Bugfixes

- * Benjamin Meyer <bm_witness@yahoo.com>
- * Security Warning Documentation update for proper capture

- * Shivan Sornarajah <github@sornars.com>
- * Support for using ConnectionPool and PoolManager as context managers.

- * Alex Gaynor <alex.gaynor@gmail.com>
- * Updates to the default SSL configuration

- * Tomas Tomecek <ttomecek@redhat.com>
- * Implemented generator for getting chunks from chunked responses.

- * tlynn <https://github.com/tlynn>
- * Respect the warning preferences at import.

- * David D. Riddle <ddriddle@illinois.edu>
- * IPv6 bugfixes in testsuite

- * Thea Flowers <magicalgirl@google.com>
- * App Engine environment tests.
- * Documentation re-write.

- * John Krauss <https://github.com/talos>
- * Clues to debugging problems with `cryptography` dependency in docs

- * Disassem <https://github.com/Disassem>
- * Fix pool-default headers not applying for url-encoded requests like GET.

- * James Atherfold <jlatherfold@hotmail.com>
- * Bugfixes relating to cleanup of connections during errors.

- * Christian Pedersen <https://github.com/chripede>
- * IPv6 HTTPS proxy bugfix

- * Jordan Moldow <https://github.com/jmoldow>
- * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
- * Creation of ``HTTPConnectionPool.ResponseCls``.

- * Predrag Gruevski <https://github.com/obi1kenobi>
- * Made cert digest comparison use a constant-time algorithm.

- * Adam Talsma <https://github.com/a-tal>
- * Bugfix to ca_cert file paths.

- * Evan Meagher <https://evanmeagher.net>
- * Bugfix related to `memoryview` usage in PyOpenSSL adapter

- * John Vandenberg <jayvdb@gmail.com>
- * Python 2.6 fixes; pyflakes and pep8 compliance

- * Andy Caldwell <andy.m.caldwell@gmail.com>
- * Bugfix related to reusing connections in indeterminate states.

- * Ville Skytt <ville.skytta@iki.fi>
- * Logging efficiency
- improvements, spelling fixes, Travis config.

- * Shige Takeda <smtakeda@gmail.com>
- * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

- * Jess Shapiro <jesse@jesseshapiro.net>
- * Various character-encoding fixes/tweaks
- * Disabling IPv6 DNS when IPv6 connections not supported

- * David Foster <http://dafoster.net/>
- * Ensure order of request and response headers are preserved.

- * Jeremy Cline <jeremy@jcline.org>
- * Added connection pool keys by scheme

- * Aviv Palivoda <palaviv@gmail.com>
- * History list to Retry object.
- * HTTPResponse contains the last Retry object.

- * Nate Prewitt <nate.prewitt@gmail.com>
- * Ensure timeouts are not booleans and greater than zero.
- * Fixed infinite loop in ``stream`` when amt=None.
- * Added length_remaining to determine remaining data to be read.
- * Added enforce_content_length to raise exception when incorrect content-length received.

- * Seth Michael Larson <sethmichaellarson@protonmail.com>
- * Created selectors backport that supports PEP 475.

- * Alexandre Dias <alex.dias@smarkets.com>
- * Don't retry on timeout if method not in whitelist

- * Moinuddin Quadri <moin18@gmail.com>
- * Lazily load idna package

- * Tom White <s6yg1ez3@mail2tor.com>
- * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

- * Tim Burke <tim.burke@gmail.com>
- * Stop buffering entire deflate-encoded responses.

- * Tuukka Mustonen <tuukka.mustonen@gmail.com>
- * Add counter for status_forcelist retries.

- * Erik Rose <erik@mozilla.com>
- * Bugfix to pyopenssl vendoring

- * Wolfgang Richter <wolfgang.richter@gmail.com>
- * Bugfix related to loading full certificate chains with PyOpenSSL backend.

- * Mike Miller <github@mikeage.net>
- * Logging improvements to include the HTTP(S) port when opening a new connection

- * Ioannis Tziakos <mail@itziakos.gr>
- * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
- * Update appveyor tox setup to use the 64bit python.

- * Akamai
(through Jess Shapiro) <jshapiro@akamai.com>
- * Ongoing maintenance; 2017-2018

- * Dominique Leuenberger <dimstar@opensuse.org>
- * Minor fixes in the test suite

- * Will Bond <will@wbond.net>
- * Add Python 2.6 support to ``contrib.securetransport``

- * Aleksei Alekseev <alekseev.yeskela@gmail.com>
- * using auth info for socks proxy

- * Chris Wilcox <git@crwilcox.com>
- * Improve contribution guide
- * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

- * Bruce Merry <https://www.brucemerry.org.za>
- * Fix leaking exceptions when system calls are interrupted with zero timeout

- * Hugo van Kemenade <https://github.com/hugovk>
- * Drop support for EOL Python 2.6

- * Tim Bell <https://github.com/timb07>
- * Bugfix for responses with Content-Type: message/* logging warnings

- * Justin Bramley <https://github.com/jbramleycl>
- * Add ability to handle multiple Content-Encodings

- * Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
- * Remove Authorization header

regardless of case when redirecting to cross-site

* James Meickle <<https://permadeath.com/>>

* Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>

* Remove a spurious TypeError from the exception chain inside
HTTPConnectionPool._make_request(), also for BaseExceptions.

* [Your name or handle] <[email or website]>

* [Brief summary of your changes]

1.189 python-certifi 2019.11.28

1.189.1 Available under license :

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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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

1.190 python-pip 20.0.2

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

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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
3.2.2	3.2.1	2011	PSF	yes
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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
2.7	2.6	2010	PSF	yes

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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

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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
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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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@(#) \$RCSfile: certdata.txt,v \$

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1.191 contextlib2 0.6.0

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.

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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
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3.3	3.2			
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1.192 msgpack 0.6.2

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1.193 future 0.17.1

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1.194 cffi 1.12.3

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Any executables

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1.199 ply 3.11

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PLY (Python Lex-Yacc) Version 3.11

[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)

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Introduction

=====

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
If you know how to use these tools in C, you will find PLY to be similar.
- PLY provides *very* extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.
- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.
- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems.

Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.

- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

How to Use

=====

PLY consists of two files : lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

```
import lex
import yacc
```

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements

=====

PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just

about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

Resources

=====

More information about PLY can be obtained on the PLY webpage at:

<http://www.dabeaz.com/ply>

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

<https://github.com/dabeaz/ply>

An old and relatively inactive discussion group for PLY is found at:

<http://groups.google.com/group/ply-hack>

Acknowledgments

=====

A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0

=====

PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3--it is not necessary and may in fact break the implementation.

Example

=====

Here is a simple example showing a PLY implementation of a calculator with variables.

```

# -----
# calc.py
#
# A simple calculator with variables.
# -----

tokens = (
    'NAME','NUMBER',
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',
    'LPAREN','RPAREN',
    )

# Tokens

t_PLUS = r\+'
t_MINUS = r\-'
t_TIMES = r\*'
t_DIVIDE = r\/'
t_EQUALS = r\='
t_LPAREN = r\( '
t_RPAREN = r\) '
t_NAME = r'[a-zA-Z_][a-zA-Z0-9_]*'

def t_NUMBER(t):
    r\d+'
    t.value = int(t.value)
    return t

# Ignored characters
t_ignore = " \t"

def t_newline(t):
    r\n+'
    t.lexer.lineno += t.value.count("\n")

def t_error(t):
    print("Illegal character '%s'" % t.value[0])
    t.lexer.skip(1)

# Build the lexer
import ply.lex as lex
lex.lex()

# Precedence
rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),

```

```

('left','TIMES','DIVIDE'),
('right','UMINUS'),
)

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    "expression : expression PLUS expression
    | expression MINUS expression
    | expression TIMES expression
    | expression DIVIDE expression"
    if p[2] == '+': p[0] = p[1] + p[3]
    elif p[2] == '-': p[0] = p[1] - p[3]
    elif p[2] == '*': p[0] = p[1] * p[3]
    elif p[2] == '/': p[0] = p[1] / p[3]

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN
expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0

def p_error(p):
    print("Syntax error at '%s'" % p.value)

```

```
import ply.yacc as yacc
yacc.yacc()

while True:
    try:
        s = raw_input('calc > ') # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)
```

Bug Reports and Patches

=====

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page at <https://github.com/dabeaz/ply> to submit issues and pull requests. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

-- Dave

Found in path(s):

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/README.md
```

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```
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```

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/ply/yacc.py
```

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```

1.200 markupsafe 1.1.1

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/**

* markupsafe._speedups

* ~~~~~

*

* C implementation of escaping for better performance. Used instead of

* the native Python implementation when compiled.

*

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*/

Found in path(s):

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* /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-tar-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/_constants.py

* /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-tar-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/__init__.py

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1.201 python-certifi 2019.6.16

1.201.1 Available under license :

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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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

1.202 supervisor 4.2.0

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1.203 jinja2 2.10.2

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1.205 ansible 2.10.0

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bugfixes:

- "Prevent templating unused variables for {% include %} (<https://github.com/ansible/ansible/issues/68699>)"

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1.206 lz4 1.9.2-2ubuntu0.20.04.1

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

Upstream-Name: lz4

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

Files: *

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Files: lib/*

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1.207 python-stdlib-extensions 3.8.10-

Ubuntu1~20.04

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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/conv.py

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A grammar to describe tree matching patterns.

Not shown here:

- 'TOKEN' stands for any token (leaf node)

- 'any' stands for any node (leaf or interior)

With 'any' we can still specify the sub-structure.

The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative ('| Alternative)*

Alternative: (Unit | NegatedUnit)+

Unit: [NAME '='] (STRING [Repeater]

 | NAME [Details] [Repeater]

 | '(' Alternatives ')' [Repeater]

 | '[' Alternatives ']'

)

NegatedUnit: 'not' (STRING | NAME [Details] | '(' Alternatives ')')

Repeater: '*' | '+' | '{' NUMBER [',' NUMBER] '}'

Details: '<' Alternatives '>'

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*

```
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/PatternGrammar.txt
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```
('binary-only', None,
"cannot supply both '--source-only' and '--binary-only'")
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* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/patcomp.py
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extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_ne.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/tests/pytree_idempotency.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/pygram.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/pygram.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_execfile.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_ne.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_has_key.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_exec.py
No license file was found, but licenses were detected in source scan.
```

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Found in path(s):

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_standarderror.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_map.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_xrange.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_xrange.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_buffer.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_dict.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_buffer.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_dict.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_standarderror.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-
```

extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_standarderror.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_xrange.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_map.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_dict.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_filter.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_filter.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_buffer.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_filter.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_map.py
No license file was found, but licenses were detected in source scan.

version.

Found in path(s):

* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist_wininst.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/cygwincompiler.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist_wininst.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist_msi.py
*
/opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist_wininst.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/cygwincompiler.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-

extensions-3.8.2/3.7/Lib/distutils/cygwincompiler.py
No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/tokenize.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/tokenize.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/tokenize.py
No license file was found, but licenses were detected in source scan.

executable.

Found in path(s):

* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/spawn.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/spawn.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/spawn.py
No license file was found, but licenses were detected in source scan.

file.write('License: %s\n' % self.get_license())

Found in path(s):

* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/dist.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/dist.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/dist.py

1.208 policykit 0.105-26ubuntu1.1

1.208.1 Available under license :

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the application
to use the modified definitions.)

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1.210 markupsafe 2.0.1

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```
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```

1.211 pam 1.3.1-5ubuntu4.2

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1.212 jinja2 2.10.1

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1.213 python 3.8.10-0ubuntu1~20.04

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A. HISTORY OF THE SOFTWARE

=====

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

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

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

All

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no

2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now		
PSF	yes			

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

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

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1.217 python-requests 2.26.0

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1.218 systemd 245.4-4ubuntu3.11

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1.219 curl 7.68.0-1ubuntu2.6

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1.220 python-certifi 2019.06.16

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1.222 logsave 1.45.5-2ubuntu1

1.222.1 Available under license :

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

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

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#

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

#

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

#

BSDLIB_VERSION = 1.0

BSDLIB_IMAGE = libce

BSDLIB_MYDIR = et

BSDLIB_INSTALL_DIR = \$(SHLIBDIR)

```

#

all:: image

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

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

image: $(BSD_LIB)

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

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

install-strip: install

install-shlibs-strip:: install-shlibs

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

clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

```

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

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

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

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

*/

/*

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

- trivial database library - private includes
-
- Copyright (C) Andrew Tridgell 2005
- + Copyright (C) Andrew Tridgell 1999-2005

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Gadi Oxman, August 1995

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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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Theodore Ts'o

23-June-2007

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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

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

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1.223 libncurses 6.2-0ubuntu2

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1.224 libc 2.31-0ubuntu9.2

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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DES core in libcrypto

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

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lib/hcrypto/test_dh.c

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@vskip 20pt plus 1fil  
@end macro
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@end macro
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@macro copyrightend{ }  
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@appendix Copyrights and Licenses
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@item KCM credential cache.

@item HDB LDAP backend.

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

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

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

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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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Any

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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

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

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

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

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

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

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

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

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

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

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

fee.

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

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

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

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

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

In

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

b)

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

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

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

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

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

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

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

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

8. You may not copy, modify, sublicense, link with, or distribute

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11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

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

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made

generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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

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

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

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

You should have received a copy of the GNU Library General Public

License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

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

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

Here is a sample; alter the names:

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

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

That's all there is to it!

1.236 python-gi 3.36.0-1

1.236.1 Available under license :

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

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

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we

suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

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

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

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

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

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and

is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

We call this license the "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.

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

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

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

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

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

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

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves,

then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

In addition, mere aggregation of another work not based on the Library

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

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

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

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

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

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

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

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

Section 6 states terms for distribution of such executables.

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any

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

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

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

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

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

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

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

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

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

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Version 2, June 1991

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```

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That's all there is to it!

1.239 python-six 1.14.0-2

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1.240 libdconf1 0.36.0-1

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1.241 libbrotli1 1.0.7-6ubuntu0.1

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Local-Date: Fri, 06 Jun 2003 13:18:52 -0400
Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

Stephen,

"There is no restriction on modifications and derived works" on the work I did for the openldap server as long as this is consistent with the openldap license. Please forward this email to Kurt so he does the appropriate changes to the files to reflect this.

Regards, Juan

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Local-Date: Thu, 05 Jun 2003 16:53:32 -0400

Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)

From: Mark Adamson <adamson@andrew.cmu.edu>

To: Stephen Frost <sfrost@debian.org>

Subject: Re: Mark Adamson license in OpenLDAP source

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- * To: Stephen Frost <sfrost@snowman.net>
- * Subject: Re: OpenLDAP Licenseing issues
- * From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
- * Date: Wed, 28 May 2003 10:55:44 -0700
- * Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
- * In-reply-to: <20030528162613.GB8524@ns.snowman.net>
- * Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
- * Old-return-path: <Kurt@OpenLDAP.org>

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Regards, Kurt

1.243 libasnheimdal 7.7.0+dfsg-1ubuntu1

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```

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

```
@end macro
```

```
@macro copyrightstart{ }
```

```
@end macro
```

```
@macro copyrightend{ }
```

@end macro

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@comment node-name, next, previous, up

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AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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D3DES (V5.09) -

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

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

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lib/hcrypto/test_dh.c

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1.244 liblmb0 0.9.24-1

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1.245 libkeyutils 1.6-6ubuntu1

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1.246 python3-idna 2.8-1

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* /opt/cola/permits/1185203924_1627684722.95/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/LICENSE.rst
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Metadata-Version: 1.2

Name: idna

Version: 2.8

Summary: Internationalized Domain Names in Applications (IDNA)

Home-page: <https://github.com/kjd/idna>

Author: Kim Davies

Author-email: kim@cynosure.com.au

License: BSD-like

Description: Internationalized Domain Names in Applications (IDNA)

=====

Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in `RFC 5891 <<http://tools.ietf.org/html/rfc5891>>`_. This is the latest version of the protocol and is sometimes referred to as “IDNA 2008”.

This library also provides support for Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`_.

This acts as a suitable replacement for the “encodings.idna” module that comes with the Python standard library, but only supports the old, deprecated IDNA specification (`RFC 3490 <<http://tools.ietf.org/html/rfc3490>>`_).

Basic functions are simply executed:

.. code-block:: pycon

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.

# Python 2
>>> import idna
>>> idna.encode(u'.')
'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
.
```

Packages

The latest tagged release version is published in the PyPI repository:

```
.. image:: https://badge.fury.io/py/idna.svg
   :target: http://badge.fury.io/py/idna
```

Installation

To install this library,
you can use pip:

```
.. code-block:: bash

$ pip install idna
```

Alternatively, you can install the package using the bundled setup script:

```
.. code-block:: bash

$ python setup.py install
```

This library works with Python 2.7 and Python 3.4 or later.

Usage

For typical usage, the ``encode`` and ``decode`` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

```
.. code-block:: pycon

# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.
```

You may use the codec encoding and decoding methods using the ``idna.codec`` module:

```
.. code-block:: pycon
```

```

# Python 2
>>> import idna.codec
>>> print u'.'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.

```

Conversions can be applied at a per-label basis using the `u'label'` or `alabel'` functions if necessary:

.. code-block:: pycon

```

# Python 2
>>> idna.alabel(u'')
'xn--0zwm56d'

```

Compatibility Mapping (UTS #46)

+++++

As described in `RFC 5895` <<http://tools.ietf.org/html/rfc5895>>, the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as `Unicode IDNA Compatibility Processing` <<http://unicode.org/reports/tr46/>>, it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as `*LATIN CAPITAL LETTER K*` is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

.. code-block:: pycon

```

# Python 3
>>> import idna
>>> idna.encode(u'Königsgäßchen')
...
idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
>>> idna.encode('Königsgäßchen', uts46=True)
b'xn--knigsgchen-b4a3dun'
>>> print(idna.decode('xn--knigsgchen-b4a3dun'))
königsgäßchen

```

Transitional processing provides conversions to help transition from the older

2003 standard to the current standard. For example, in the original IDNA specification, the *LATIN SMALL LETTER SHARP S* (ß) was converted into two *LATIN SMALL LETTER S* (ss), whereas in the current IDNA specification this conversion is not performed.

.. code-block:: pycon

```
# Python 2
>>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
'xn--knigsgsschen-lcb0w'
```

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce unexpected incompatible results.

``encodings.idna`` Compatibility

+++++

Function calls from the Python built-in ``encodings.idna`` module are mapped to their IDNA 2008 equivalents using the ``idna.compat`` module. Simply substitute the ``import`` clause in your code to refer to the new module name.

Exceptions

All errors raised during the conversion following the specification should raise an exception derived from the ``idna.IDNAError`` base class.

More specific exceptions that may be generated as ``idna.IDNABidiError`` when the error reflects an illegal combination of left-to-right and right-to-left characters in a label; ``idna.InvalidCodepoint`` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and ``idna.InvalidCodepointContext`` when the codepoint is

illegal based on its positional context (i.e. it is CONTEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

Building and Diagnostics

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria in the respective standards. These tables are computed using the command-line script ``tools/idna-data``.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:

* `idna-data make-libdata`. Generates `idnadata.py` and `uts46data.py`, the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors who wish to track this library against a different Unicode version may use this tool to manually generate a different version of the `idnadata.py` and `uts46data.py` files.

* `idna-data make-table`. Generate a table of the IDNA disposition (e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC 5892 and the pre-computed tables published by IANA <<http://iana.org/>>.

* `idna-data U+0061`. Prints debugging output on the various properties associated with an individual Unicode codepoint (in this case, U+0061), that are used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging or analysis.

The tool accepts a number of arguments, described using `idna-data -h`. Most notably, the `--version` argument allows the specification of the version of Unicode to use in computing the table data. For example, `idna-data --version 9.0.0 make-libdata` will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work in Python 2.7.

Testing

The library has a test suite based on each rule of the IDNA specification, as well as tests that are provided as part of the Unicode Technical Standard 46, 'Unicode IDNA Compatibility Processing' <<http://unicode.org/reports/tr46/>>.

The tests are run automatically on each commit at Travis CI:

```
.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
   :target: https://travis-ci.org/kjd/idna
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language

```
:: Python :: 2
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Topic :: Internet :: Name Service (DNS)
Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: Utilities
Requires-Python: >=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*
```

Found in path(s):

```
* /opt/cola/permits/1185203924_1627684722.95/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/idna.egg-info/PKG-INFO
* /opt/cola/permits/1185203924_1627684722.95/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/PKG-INFO
```

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```
"""
```

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

```
"""
```

```
import io, sys
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
```

```

'Development Status :: 5 - Production/Stable',
'Intended Audience :: Developers',
'Intended Audience :: System Administrators',
'License :: OSI Approved :: BSD License',
'Operating System :: OS Independent',
'Programming Language :: Python',
'Programming Language :: Python :: 2',
'Programming Language :: Python :: 2.7',
'Programming Language :: Python :: 3',
'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Programming Language :: Python :: 3.6',
'Topic :: Internet :: Name Service (DNS)',
'Topic :: Software Development :: Libraries :: Python Modules',
'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

```

Found in path(s):

* /opt/cola/permits/1185203924_1627684722.95/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/setup.py

1.247 glib-networking-services 2.64.2-1ubuntu0.1

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Version 2.1, February 1999

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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

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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)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
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1.249 dconf-gsettings-backend 0.36.0-1

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Any

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

```
@macro copyrightstart{ }  
@end macro
```

```
@macro copyrightend{ }  
@end macro
```

```
@node Copyrights and Licenses, , Acknowledgments, Top  
@comment node-name, next, previous, up  
@appendix Copyrights and Licenses
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@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

@item KCM credential cache.

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AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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DES core in libcrypto

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1.257 python-pkg-resources 45.2.0-1

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1.258 libjson-c4 0.13.1+dfsg-7ubuntu0.3

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1.259 dbus-user-session 1.12.16-2ubuntu2.1

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

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@macro copyrightstart{ }  
@end macro
```

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@macro copyrightend{ }  
@end macro
```

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@node Copyrights and Licenses, , Acknowledgments, Top  
@comment node-name, next, previous, up  
@appendix Copyrights and Licenses
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AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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DES core in libhcrypto

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Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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lib/hcrypto/test_dh.c

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1.262 libheimbaseheimdal 7.7.0+dfsg-1ubuntu1

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

```
@macro copyrightstart{ }  
@end macro
```

@macro copyrightend{ }

@end macro

@node Copyrights and Licenses, , Acknowledgments, Top

@comment node-name, next, previous, up

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GSS-API mechlue layer.

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@table

@asis

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

@item KCM credential cache.

@item HDB LDAP backend.

@end table

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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DES core in libcrypto

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D3DES (V5.09) -

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

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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Windows support

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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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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

1.264 libheimntlmheimdal 7.7.0+dfsg-

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

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@end macro
```

```
@macro copyrightend{ }  
@end macro
```

```
@node Copyrights and Licenses, , Acknowledgments, Top  
@comment node-name, next, previous, up  
@appendix Copyrights and Licenses
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@heading Doug Rabson

GSS-API mechglue layer.

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@table

@asis

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

@item KCM credential cache.

@item HDB LDAP backend.

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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

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

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kdc/announce.c

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DES core in libcrypto

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D3DES (V5.09) -

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

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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Windows support

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lib/hcrypto/test_dh.c

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1.265 gnutls 3.6.13-2ubuntu1.6

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#####

Constant-time SSSE3 AES core implementation.

version 0.1

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By Mike Hamburg (Stanford University), 2009

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1.268 libpython3.8 3.8.10-0ubuntu1~20.04

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

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

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

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	from			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
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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1.270 python3-wheel 0.34.2-1

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1.271 libpython3.8-dev 3.8.10-0ubuntu1~20.04

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

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

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1.272 libvorbisfile 1.3.6-2ubuntu1

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1.273 jaeger-client-go v2.29.1

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1.274 base-files 11ubuntu5.4

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1.278 pcre 10.34-7

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

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1.279 udev 245.4-4ubuntu3.11

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1.282 libssh 0.9.3-2ubuntu2.2

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1.284 libdevmapper 1.02.167-1ubuntu1

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1.285 libcrypt-dev 4.4.10-10ubuntu4

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1.288 vim-runtime 8.1.2269-1ubuntu5

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1.290 spdylay libnghttp2-14

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```
set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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```

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1.291 python-apt-common

2.0.0ubuntu0.20.04.6

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1.295 ansible-base 2.10.14

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bugfixes:

- "Prevent templating unused variables for {% include %} (<https://github.com/ansible/ansible/issues/68699>)"

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1.297 systemd-timesyncd 245.4-4ubuntu3.13

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1.299 spew 1.1.1

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compiler/cpp/src/generate/t_cpp_generator.cc
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compiler/cpp/src/generate/t_erl_generator.cc
compiler/cpp/src/generate/t_hs_generator.cc
compiler/cpp/src/generate/t_java_generator.cc
compiler/cpp/src/generate/t_ocaml_generator.cc
compiler/cpp/src/generate/t_perl_generator.cc
compiler/cpp/src/generate/t_php_generator.cc
compiler/cpp/src/generate/t_py_generator.cc
compiler/cpp/src/generate/t_rb_generator.cc
compiler/cpp/src/generate/t_st_generator.cc
compiler/cpp/src/generate/t_xsd_generator.cc
compiler/cpp/src/main.cc
compiler/cpp/src/parse/t_field.h
compiler/cpp/src/parse/t_program.h

compiler/cpp/src/platform.h
compiler/cpp/src/thrift.ll
compiler/cpp/src/thrift.yy
lib/csharp/src/Protocol/TBinaryProtocol.cs
lib/csharp/src/Protocol/TField.cs
lib/csharp/src/Protocol/TList.cs
lib/csharp/src/Protocol/TMap.cs
lib/csharp/src/Protocol/TMessage.cs
lib/csharp/src/Protocol/TMessageType.cs
lib/csharp/src/Protocol/TProtocol.cs
lib/csharp/src/Protocol/TProtocolException.cs
lib/csharp/src/Protocol/TProtocolFactory.cs
lib/csharp/src/Protocol/TProtocolUtil.cs
lib/csharp/src/Protocol/TSet.cs
lib/csharp/src/Protocol/TStruct.cs
lib/csharp/src/Protocol/TType.cs
lib/csharp/src/Server/TServer.cs
lib/csharp/src/Server/TSimpleServer.cs
lib/csharp/src/Server/TThreadPoolServer.cs
lib/csharp/src/TApplicationException.cs
lib/csharp/src/Thrift.csproj
lib/csharp/src/Thrift.sln
lib/csharp/src/TProcessor.cs
lib/csharp/src/Transport/TServerSocket.cs
lib/csharp/src/Transport/TServerTransport.cs
lib/csharp/src/Transport/TSocket.cs
lib/csharp/src/Transport/TStreamTransport.cs
lib/csharp/src/Transport/TTransport.cs
lib/csharp/src/Transport/TTransportException.cs
lib/csharp/src/Transport/TTransportFactory.cs
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj
lib/rb/lib/thrift.rb
lib/st/README
lib/st/thrift.st
test/OptionalRequiredTest.cpp
test/OptionalRequiredTest.thrift
test/ThriftTest.thrift

For the aclocal/ax_boost_base.m4 and contrib/fb303/aclocal/ax_boost_base.m4 components:

```
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/*

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

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

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Support for streaming Protocol Buffer messages for the Go language (golang).

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Protocol Buffers for Go with Gadgets

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

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1.316 gojsonpointer 0.0.0-20170225233418-6fe8760cad35

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1.317 prometheus-client 0.0.0-20170216185247-6f3806018612

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1.318 go-uuid 1.1.0

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1.319 gopkg.in-yaml 2.2.8

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1.331 gogoprotobuf 0.0.0-20171007142547-342cbe0a0415

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Protocol Buffers for Go with Gadgets

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

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<https://github.com/golang/protobuf>

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1.332 go-socket-io 0.0.0-20170525141029-5447e71f36d3

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1.333 prometheus-procfs 0.0.0-20170216223256-a1dba9ce8bae

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1.334 go-resiliency 0.0.0-20170607163615-b1fe83b5b03f

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1.335 go-xerial-snappy 0.0.0-20160609142408-bb955e01b934

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Manifest-Version: 1.0

Bnd-LastModified: 1611588326488

Bundle-ActivationPolicy: lazy

Bundle-Activator: org.xerial.snappy.SnappyBundleActivator

Bundle-Description: snappy-java: A fast compression/decompression library

Bundle-DocURL: <http://www.xerial.org/>

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

Bundle-ManifestVersion: 2

Bundle-Name: snappy-java: A fast compression/decompression library

Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.

dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=amd64,org/xerial/snappy/native/Windows/x86/snappyjava.dll;osname=win32;processor=x86,org/xerial/snappy/native/Mac/x86/libsnappyjava.dylib;osname=macosx;processor=x86,org/xerial/snappy/native/Mac/x86_64/libsnappyjava.dylib;osname=macosx;processor=x86-64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x86-64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=amd64,org/xerial/snappy/native/Linux/x86/libsnappyjava.so;osname=linux;processor=x86,org/xerial/snappy/native/Linux/aarch64/libsnappyjava.so;osname=linux;processor=aarch64,org/xerial/snappy/native/Linux/arm/libsnappyjava.so;osname=linux;processor=arm,org/xerial/snappy/native/Linux/armv7/libsnappyjava.so;osname=linux;processor=arm_le,org/xerial/snappy/native/Linux/ppc64/libsnappyjava.so;osname=linux;processor=ppc64le,org/xerial/snappy/native/Linux/s390x/libsnappyjava.so;osname=linux;processor=s390x,org/xerial/snappy/native/AIX/ppc/libsnappyjava.a;osname=aix;processor=ppc,org/xerial/snappy/native/AIX/ppc64/libsnappyjava.a;osname=aix;processor=ppc64,org/xerial/snappy/native/SunOS/x86/libsnappyjava.so;osname=sunos;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.so;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/libsnappyjava.so;osname=sunos;processor=sparc

Bundle-SymbolicName: org.xerial.snappy.snappy-java

Bundle-Vendor: xerial.org

Bundle-Version: 1.1.8.4

Created-By: 1.8.0_192 (Oracle Corporation)

Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial.snappy.buffer,org.xerial.snappy.pool";version="1.1.8",org.xerial.snappy.buffer;version="1.1.8",org.xerial.snappy.pool;version="1.1.8",org.xerial.snappy.pure;uses:="org.xerial.snappy";version="1.1.8"

Implementation-Title: snappy-java

Implementation-URL: <https://github.com/xerial/snappy-java>

Implementation-Vendor: xerial.org

Implementation-Vendor-Id: org.xerial.snappy

Implementation-Version: 1.1.8.4

Import-Package: org.osgi.framework;version="[1.5,2)"

Private-Package: org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.native.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.snappy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.native.Linux.arm,org.xerial.snappy.native.Linux.armv6,org.xerial.snappy.native.Linux.armv7,org.xerial.snappy.native.Linux.ppc,org.xerial.snappy.native.Linux.ppc64,org.xerial.snappy.native.Linux.ppc64le,org.xerial.snappy.native.Linux.s390x,org.xerial.snappy.native.Linux.x86,org.xerial.snappy.native.Linux.x86_64,org.xerial.snappy.native.Mac.aarch64,org.xerial.snappy.native.Mac.x86,org.xerial.snappy.native.Mac.x86_64,org.xerial.snappy.native,org.xerial.snappy.nativ

e.SunOS.sparc,org.xerial.snappy.native.SunOS.x86,org.xerial.snappy.na
tive.SunOS.x86_64,org.xerial.snappy.native.Windows.x86,org.xerial.sna
ppy.native.Windows.x86_64
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"
Specification-Title: snappy-java
Specification-Vendor: xerial.org
Specification-Version: 1.1.8.4
Tool: Bnd-4.2.0.201903051501
Vcs-Release-Hash:
a795d6b84c8d37b242345cdaf2ae32d0f9ec9b78
Vcs-Release-Tag: 1.1.8.4

Found in path(s):

* /opt/cola/permits/1217640120_1635346914.2/0/go-xerial-snappy-zip/snappy-java-1-1-8-4-jar/META-
INF/MANIFEST.MF

1.336 golang-snappy 0.0.0-20160529050041- d9eb7a3d35ec

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1.337 go-zookeeper 0.0.0-20171027001500-9a96098268ef

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1.339 golang-genproto 0.0.0-20191009194640-548a555dbc03

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1.341 robot-robot-api 0.0.0-20211021002214-c8d6cb345f54

1.341.1 Available under license :

```
// Code generated by protoc-gen-go. DO NOT EDIT.  
// source: cw_ztp_license_device.proto
```

```

package cwztpsvc // import "github3.cisco.com/ROBOT/robot-api/golang/cwztpsvc"

import proto "github.com/golang/protobuf/proto"
import fmt "fmt"
import math "math"
import _ "google.golang.org/genproto/googleapis/api/annotations"

// Reference imports to suppress errors if they are not otherwise used.
var _ = proto.Marshal
var _ = fmt.Errorf
var _ = math.Inf

// This is a compile-time assertion to ensure that this generated file
// is compatible with the proto package it is being compiled against.
// A compilation error at this line likely means your copy of the
// proto package needs to be updated.
const _ = proto.ProtoPackageIsVersion2 // please upgrade the proto package

type ZtpLicenseDevice struct {
    DeviceSerialNumber string `protobuf:"bytes,1,opt,name=deviceSerialNumber,proto3"
    json:"deviceSerialNumber,omitempty"`
    XXX_NoUnkeyedLiteral struct{} `json:"-"`
    XXX_unrecognized []byte `json:"-"`
    XXX_sizecache
        int32 `json:"-"`
}

func (m *ZtpLicenseDevice) Reset() { *m = ZtpLicenseDevice{} }
func (m *ZtpLicenseDevice) String() string { return proto.CompactTextString(m) }
func (*ZtpLicenseDevice) ProtoMessage() {}
func (*ZtpLicenseDevice) Descriptor() ([]byte, []int) {
    return fileDescriptor_cw_ztp_license_device_e27237926d594488, []int{0}
}
func (m *ZtpLicenseDevice) XXX_Unmarshal(b []byte) error {
    return xxx_messageInfo_ZtpLicenseDevice.Unmarshal(m, b)
}
func (m *ZtpLicenseDevice) XXX_Marshal(b []byte, deterministic bool) ([]byte, error) {
    return xxx_messageInfo_ZtpLicenseDevice.Marshal(b, m, deterministic)
}
func (dst *ZtpLicenseDevice) XXX_Merge(src proto.Message) {
    xxx_messageInfo_ZtpLicenseDevice.Merge(dst, src)
}
func (m *ZtpLicenseDevice) XXX_Size() int {
    return xxx_messageInfo_ZtpLicenseDevice.Size(m)
}
func (m *ZtpLicenseDevice) XXX_DiscardUnknown() {
    xxx_messageInfo_ZtpLicenseDevice.DiscardUnknown(m)
}

```

```

var xxx_messageInfo_ZtpLicenseDevice
proto.InternalMessageInfo

func (m *ZtpLicenseDevice) GetDeviceSerialNumber() string {
    if m != nil {
        return m.DeviceSerialNumber
    }
    return ""
}

func init() {
    proto.RegisterType((*ZtpLicenseDevice)(nil), "cwztpsvc.ZtpLicenseDevice")
}

func init() {
    proto.RegisterFile("cw_ztp_license_device.proto", fileDescriptor_cw_ztp_license_device_e27237926d594488)
}

var fileDescriptor_cw_ztp_license_device_e27237926d594488 = []byte{
    // 201 bytes of a gzipped FileDescriptorProto
    0x1f, 0x8b, 0x08, 0x00, 0x00, 0x00, 0x00, 0x00, 0x02, 0xff, 0x6c, 0xce, 0x31, 0x4b, 0xc7, 0x30,
    0x10, 0x05, 0x70, 0xba, 0x88, 0x66, 0x92, 0x2e, 0x8a, 0x8a, 0x88, 0x93, 0x8b, 0x09, 0xf2, 0xff,
    0x06, 0xd1, 0x51, 0xfc, 0x97, 0x2a, 0x08, 0x5d, 0x4a, 0x72, 0x86, 0x18, 0x48, 0x73, 0x21, 0xb9,
    0xb6, 0xd0, 0x4f, 0x2f, 0x6d, 0xec, 0x22, 0xce, 0xf7, 0xee, 0xf7, 0x1e, 0xbb, 0x86, 0xb9, 0x5f,
    0x28, 0xf6, 0xde, 0x81, 0x09, 0xd9, 0xf4, 0x5f, 0x66, 0x72, 0x60, 0x78, 0x4c, 0x48, 0x58, 0x9f,
    0xc2, 0xbc, 0x50, 0xcc, 0x13,
    0x5c, 0xdd, 0x58, 0x44, 0xeb, 0x8d, 0x50, 0xd1, 0x09, 0x15, 0x02,
    0x92, 0x22, 0x87, 0x21, 0x97, 0xdc, 0xbd, 0x64, 0xe7, 0x1d, 0xc5, 0xd7, 0x42, 0xbc, 0x6c, 0x42,
    0xcd, 0x59, 0x5d, 0xac, 0x77, 0x93, 0x9c, 0xf2, 0x6f, 0xe3, 0xa0, 0x4d, 0xba, 0xac, 0xee, 0xaa,
    0x87, 0xb3, 0xf6, 0x9f, 0x8b, 0x0c, 0xec, 0x16, 0x70, 0xe0, 0xe0, 0x32, 0x20, 0x4f, 0xa8, 0x91,
    0x0a, 0xce, 0xf7, 0x0d, 0xf2, 0xe2, 0xf9, 0xf3, 0x6f, 0x4b, 0xb3, 0x26, 0x9a, 0xaa, 0x7b, 0xb2,
    0x8e, 0xbe, 0x47, 0x7d, 0xf8, 0x7d, 0x07, 0x1c, 0x44, 0x7b, 0x94, 0xc7, 0x0f, 0xb1, 0x41, 0x8f,
    0xeb, 0x6a, 0x8b, 0x5e, 0x05, 0x2b, 0x76, 0x4d, 0x9f, 0x6c, 0xfa, 0xe1, 0x27, 0x00, 0x00, 0xff,
    0xff, 0xe7, 0xa2, 0x96, 0xc2, 0x01, 0x01, 0x00, 0x00,
}
// Code generated by protoc-gen-go. DO NOT EDIT.
// source: cw_ztp_license.proto

package cwztpsvc // import "github3.cisco.com/ROBOT/robot-api/golang/cwztpsvc"

import proto "github.com/golang/protobuf/proto"
import fmt "fmt"
import math "math"
import _ "google.golang.org/genproto/googleapis/api/annotations"

// Reference imports to suppress errors if they are not otherwise used.
var _ = proto.Marshal

```

```

var _ = fmt.Errorf
var _ = math.Inf

// This is a compile-time assertion to ensure that this generated file
// is compatible with the proto package it is being compiled against.
// A compilation error at this line likely means your copy of the
// proto package needs to be updated.
const _ = proto.ProtoPackageIsVersion2 // please upgrade the proto package

type ZtpLicense struct {
    Id          int32  `protobuf:"varint,1,opt,name=id,proto3" json:"id,omitempty"`
    Status      string `protobuf:"bytes,2,opt,name=status,proto3" json:"status,omitempty"`
    LastUpdated
        int64  `protobuf:"varint,3,opt,name=lastUpdated,proto3" json:"lastUpdated,omitempty"`
    XXX_NoUnkeyedLiteral struct{} `json:"-"`
    XXX_unrecognized []byte  `json:"-"`
    XXX_sizecache    int32  `json:"-"`
}

func (m *ZtpLicense) Reset()      { *m = ZtpLicense{} }
func (m *ZtpLicense) String() string { return proto.CompactTextString(m) }
func (*ZtpLicense) ProtoMessage() {}
func (*ZtpLicense) Descriptor() ([]byte, []int) {
    return fileDescriptor_cw_ztp_license_f6745968de738545, []int{0}
}
func (m *ZtpLicense) XXX_Unmarshal(b []byte) error {
    return xxx_messageInfo_ZtpLicense.Unmarshal(m, b)
}
func (m *ZtpLicense) XXX_Marshal(b []byte, deterministic bool) ([]byte, error) {
    return xxx_messageInfo_ZtpLicense.Marshal(b, m, deterministic)
}
func (dst *ZtpLicense) XXX_Merge(src proto.Message) {
    xxx_messageInfo_ZtpLicense.Merge(dst, src)
}
func (m *ZtpLicense) XXX_Size() int {
    return xxx_messageInfo_ZtpLicense.Size(m)
}
func (m *ZtpLicense) XXX_DiscardUnknown() {
    xxx_messageInfo_ZtpLicense.DiscardUnknown(m)
}

var
    xxx_messageInfo_ZtpLicense proto.InternalMessageInfo

func (m *ZtpLicense) GetId() int32 {
    if m != nil {
        return m.Id
    }
}

```

```

return 0
}

func (m *ZtpLicense) GetStatus() string {
if m != nil {
return m.Status
}
return ""
}

func (m *ZtpLicense) GetLastUpdated() int64 {
if m != nil {
return m.LastUpdated
}
return 0
}

func init() {
proto.RegisterType((*ZtpLicense)(nil), "cwgztpsvc.ZtpLicense")
}

func init() {
proto.RegisterFile("cw_ztp_license.proto", fileDescriptor_cw_ztp_license_f6745968de738545)
}

var fileDescriptor_cw_ztp_license_f6745968de738545 = []byte{
// 222 bytes of a gzipped FileDescriptorProto
0x1f, 0x8b, 0x08, 0x00, 0x00, 0x00, 0x00, 0x00, 0x02, 0xff, 0x4c, 0x8f, 0x4d, 0x4b, 0x03, 0x31,
0x10, 0x86, 0xc9, 0x16, 0x8b, 0x46, 0x10, 0x5c, 0x44, 0x16, 0x11, 0x09, 0x9e, 0xf6, 0x62, 0x82,
0xf4, 0x1f, 0xac, 0x57, 0xa1, 0x25, 0xf8, 0x01, 0xbd, 0x94, 0xec, 0x24, 0xa4, 0x81, 0x34, 0x13,
0x9a, 0xa9, 0x85, 0xfe, 0x7a, 0x69, 0xb7,
0x8b, 0x1e, 0xe7, 0xe3, 0x7d, 0x9e, 0x19, 0x7e, 0x07,
0xfb, 0xd5, 0x81, 0xf2, 0x2a, 0x06, 0x70, 0xa9, 0x38, 0x99, 0xb7, 0x48, 0x58, 0x5f, 0xc2, 0xfe,
0x40, 0xb9, 0xfc, 0xc0, 0xc3, 0xa3, 0x47, 0xf4, 0xd1, 0x29, 0x93, 0x83, 0x32, 0x29, 0x21, 0x19,
0x0a, 0x98, 0xca, 0xb0, 0xf7, 0xfc, 0xc5, 0xf9, 0x92, 0xf2, 0xfb, 0x90, 0xad, 0x6f, 0x78, 0x15,
0x6c, 0xc3, 0x04, 0x6b, 0x2f, 0x74, 0x15, 0x6c, 0x7d, 0xcf, 0xa7, 0x85, 0x0c, 0xed, 0x4a, 0x53,
0x09, 0xd6, 0x5e, 0xe9, 0x73, 0x55, 0x0b, 0x7e, 0x1d, 0x4d, 0xa1, 0xcf, 0x6c, 0x0d, 0x39, 0xdb,
0x4c, 0x04, 0x6b, 0x27, 0xfa, 0x7f, 0xab, 0x5b, 0xf3, 0x27, 0xc0, 0x8d, 0x84, 0x50, 0x00, 0xe5,
0x16, 0x7b, 0xa4, 0x41, 0x28, 0xc7, 0xbb, 0xba, 0xdb, 0xb7, 0xef, 0x3f, 0xf3, 0xe2, 0x38, 0x5b,
0xb0, 0xe5, 0xab, 0x0f, 0xb4, 0xde, 0xf5, 0xb3, 0x73, 0x10, 0x70, 0xa3, 0xf4, 0xbc, 0x9b, 0x7f,
0xa8, 0x13, 0xe2, 0xe5, 0xf8, 0x83, 0xc7, 0x68, 0x92, 0x57, 0x23, 0xa7, 0x9f, 0x9e, 0xb8, 0xb3,
0xdf, 0x00, 0x00, 0x00, 0xff, 0xff, 0x46, 0x47, 0xa7, 0x44, 0x08, 0x01,
0x00, 0x00,
}
// Code generated by protoc-gen-go. DO NOT EDIT.
// source: cw_ztp_license_device_v2.proto

package cwztpsvc // import "github3.cisco.com/ROBOT/robot-api/golang/cwztpsvc"

```

```

import proto "github.com/golang/protobuf/proto"
import fmt "fmt"
import math "math"

// Reference imports to suppress errors if they are not otherwise used.
var _ = proto.Marshal
var _ = fmt.Errorf
var _ = math.Inf

// This is a compile-time assertion to ensure that this generated file
// is compatible with the proto package it is being compiled against.
// A compilation error at this line likely means your copy of the
// proto package needs to be updated.
const _ = proto.ProtoPackageIsVersion2 // please upgrade the proto package

type ZtpLicenseDeviceV2 struct {
    Uuid          string `protobuf:"bytes,1,opt,name=uuid,proto3" json:"uuid,omitempty"`
    SerialNumber  []string `protobuf:"bytes,2,rep,name=serialNumber,proto3" json:"serialNumber,omitempty"`
    LocationId    string `protobuf:"bytes,3,opt,name=locationId,proto3"
    json:"locationId,omitempty"`
    XXX_NoUnkeyedLiteral struct{} `json:"-"`
    XXX_unrecognized []byte `json:"-"`
    XXX_sizecache    int32 `json:"-"`
}

func (m *ZtpLicenseDeviceV2) Reset()      { *m = ZtpLicenseDeviceV2{} }
func (m *ZtpLicenseDeviceV2) String() string { return proto.CompactTextString(m) }
func (*ZtpLicenseDeviceV2) ProtoMessage() {}
func (*ZtpLicenseDeviceV2) Descriptor() ([]byte, []int) {
    return fileDescriptor_cw_ztp_license_device_v2_1c5de79621eca399, []int{0}
}
func (m *ZtpLicenseDeviceV2) XXX_Unmarshal(b []byte) error {
    return xxx_messageInfo_ZtpLicenseDeviceV2.Unmarshal(m, b)
}
func (m *ZtpLicenseDeviceV2) XXX_Marshal(b []byte, deterministic bool) ([]byte, error) {
    return xxx_messageInfo_ZtpLicenseDeviceV2.Marshal(b, m, deterministic)
}
func (dst *ZtpLicenseDeviceV2) XXX_Merge(src proto.Message) {
    xxx_messageInfo_ZtpLicenseDeviceV2.Merge(dst, src)
}
func (m *ZtpLicenseDeviceV2) XXX_Size() int {
    return xxx_messageInfo_ZtpLicenseDeviceV2.Size(m)
}
func
(m *ZtpLicenseDeviceV2) XXX_DiscardUnknown() {
    xxx_messageInfo_ZtpLicenseDeviceV2.DiscardUnknown(m)
}

```

```

var xxx_messageInfo_ZtpLicenseDeviceV2 proto.InternalMessageInfo

func (m *ZtpLicenseDeviceV2) GetUuid() string {
    if m != nil {
        return m.Uuid
    }
    return ""
}

func (m *ZtpLicenseDeviceV2) GetSerialNumber() []string {
    if m != nil {
        return m.SerialNumber
    }
    return nil
}

func (m *ZtpLicenseDeviceV2) GetLocationId() string {
    if m != nil {
        return m.LocationId
    }
    return ""
}

func init() {
    proto.RegisterType((*ZtpLicenseDeviceV2)(nil), "cwztpsvc.ZtpLicenseDeviceV2")
}

func init() {
    proto.RegisterFile("cw_ztp_license_device_v2.proto",
fileDescriptor_cw_ztp_license_device_v2_1c5de79621eca399)
}

var fileDescriptor_cw_ztp_license_device_v2_1c5de79621eca399 = []byte{
// 219 bytes of a gzipped FileDescriptorProto
0x1f, 0x8b, 0x08, 0x00, 0x00, 0x00, 0x00, 0x00, 0x02, 0xff, 0x64, 0x8e, 0x4f, 0x4b, 0xc3, 0x40,
0x10, 0x47, 0x89, 0x15, 0xb1, 0x8b, 0xa7,
0x3d, 0xc5, 0x4b, 0x28, 0x3d, 0xf5, 0x62, 0x16, 0xdb,
0x6f, 0x10, 0xbd, 0x08, 0x62, 0x4b, 0x10, 0x85, 0x5e, 0x96, 0xdd, 0xc9, 0x12, 0x07, 0x36, 0x99,
0x65, 0xff, 0xa4, 0xd0, 0x4f, 0x2f, 0x6e, 0x2d, 0x28, 0xbd, 0x0d, 0x3f, 0xde, 0x3c, 0x1e, 0xab,
0xe0, 0x20, 0x8f, 0xd1, 0x49, 0x8b, 0x60, 0xc6, 0x60, 0x64, 0x67, 0x26, 0x04, 0x23, 0xa7, 0x75,
0xed, 0x3c, 0x45, 0xe2, 0xb7, 0x70, 0x38, 0x46, 0x17, 0x26, 0x58, 0x5a, 0xc6, 0xf7, 0xd1, 0xbd,
0x9e, 0xb8, 0xe7, 0x8c, 0x7d, 0xac, 0x39, 0x67, 0xd7, 0x29, 0x61, 0x57, 0x16, 0x8b, 0x62, 0x35,
0x6f, 0xf3, 0xcd, 0x97, 0xec, 0x2e, 0x18, 0x8f, 0xca, 0xbe, 0xa5, 0x41, 0x1b, 0x5f, 0x5e, 0x2d,
0x66, 0xab, 0x79, 0xfb, 0x6f, 0xe3, 0x15, 0x63, 0x96, 0x40, 0x45, 0xa4, 0xf1, 0xa5, 0x2b, 0x67,
0xf9, 0xfb, 0xcf, 0xd2, 0x38, 0x56, 0x01, 0x0d, 0x35, 0x60, 0x00, 0xaa, 0x3d, 0x69, 0x8a, 0xa7,
0xa0, 0xfa, 0xdc, 0xd3, 0xdc, 0x3f, 0x7d, 0x5e, 0xf6, 0xec, 0x7e, 0x98, 0x5d, 0xb1, 0x7f, 0xec,
0x31, 0x7e, 0x25, 0xbd, 0xf9, 0x15, 0x00, 0x0d, 0xa2, 0xdd, 0x36, 0xdb,

```



```
0x77, 0x91, 0x55, 0x0f,  
0xca, 0xa1, 0xe8, 0xc9, 0xaa, 0xb1, 0x17, 0x67, 0x9f, 0xbe, 0xc9, 0xfe, 0xcd, 0x77, 0x00, 0x00,  
0x00, 0xff, 0xff, 0x66, 0x8d, 0x49, 0xba, 0x12, 0x01, 0x00, 0x00,  
}
```

1.342 match 1.1.1

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1.343 nats v1.4.1

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1.344 grpcio 1.41.1

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1.345 grpcio-tools 1.41.1

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 */
/// If set, grpc is free to use the HTTP GET verb for sending the request,
```

Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/client_context.h
```

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Found in path(s):

* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/zip_output_unittest.sh

* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/io/gzip_stream_unittest.sh

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*

*/

/** Signal that the call is cacheable. GRPC is free to use GET verb */

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/impl/codegen/grpc_types.h

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/method_handler_impl.h
*
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1.41.1/third_party/protobuf/src/google/protobuf/stubs/structurally_valid_unittest.cc
No license file was found, but licenses were detected in source scan.
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1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_file.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_extension.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/generated_message_util.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/wire_format_lite.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/io/strtod.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/well_known_types_unittest.cc
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_message.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_helpers.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/importer.h
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/_proto/google/protobuf/any.proto
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_generator.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/once.h
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/strutil_unittest.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/stringpiece.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/parse_context.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/generated_message_table_driven.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_source_generator_base.cc
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 /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/arena_test_util.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/_proto/google/protobuf/empty.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_enum_field_lite.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/json_stream_parser_test.cc
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_enum_field.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_primitive_field.cc
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/unittest_drop_unknown_fields.proto
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/any_test.proto
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_field.cc

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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_helpers.h

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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/bytestream.cc
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/datapiece.cc
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/descriptor_database.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/unittest_empty.proto
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/generated_message_tctable_lite.cc
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/has_bits.h

* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/importer.cc

* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/field_mask_util.h

* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/utility.h

* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_plugin_unittest.cc

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/map_field.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/stubs/time.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/unittest_proto3_arena.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/unittest_lazy_dependencies_enum.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_names.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/field_mask_util.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/unittest_mset.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_enum.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_enum.cc
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/generated_enum_reflection.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/map_lite_test_util.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_test_bad_identifiers.proto
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_primitive_field_lite.cc

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/unittest_proto3.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/internal/testdata/field_mask.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/stubs/substitute.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/io/printer_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_enum_field.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/map_field_inl.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_map_field_lite.cc
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_context.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/arena_impl.h
*

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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_message_field.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/structurally_valid.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/port_def.inc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/strutil.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/_proto/google/protobuf/wrappers.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/io/strtod.h
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/mathutil.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/reflection_ops_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_message_field.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/repeated_field.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_extension.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/arena.cc
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_message_field.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/proto3_lite_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_enum.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/reflection_ops.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/io/zero_copy_stream.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/object_writer.cc
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/extension_set.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/time_util.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/command_line_interface.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/generated_message_tctable_impl.inc
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 /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/unittest_lite_imports_nonlite.proto
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/subprocess.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/testing/file.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/message.cc
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 /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/utility.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/status.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/unittest_lazy_dependencies_custom_option.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/io/zero_copy_stream_impl.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/unittest_import_public_lite.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_generator_factory.cc
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 /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/protostream_objectsource_test.cc
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_enum_field.h
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/repeated_field_unittest.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/_proto/google/protobuf/struct.proto
 *
 /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/js/js_generator.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/internal/testdata/oneofs.proto
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/internal/default_value_objectwriter.cc
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/unittest_custom_options.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_oneof.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/parser_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/internal/type_info_test_helper.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/map_lite_test_util.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_doc_comment.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/stubs/stringpiece_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_primitive_field.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/internal/object_location_tracker.h

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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_names.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/unittest_optimize_for.proto
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/generated_message_reflection.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/repeated_field.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_generator.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_name_resolver.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/int128.cc
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_helpers.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/lite_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/js/js_generator.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_message.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_helpers.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/field_mask_utility.cc
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/scc.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_generator_factory.h
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/proto_writer.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/message_differencer.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_map_field.cc

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_shared_code_generator.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/type_resolver.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/field_comparator.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/generated_message_table_driven_lite.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/unittest_import_public.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_generator.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/importer_unittest.cc
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_doc_comment_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/internal/protostream_objectsource.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/unknown_field_set.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_field_base.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/parser.cc
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/dynamic_message.h

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_message_lite.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_options.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_name_resolver.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/delimited_message_util_test.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/plugin.h
 *
 /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_field.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_message_field.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_parse_function_generator.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/json_util_test.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/json_objectwriter_test.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/unittest_mset_wire_format.proto
 *
 /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_enum_field.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_reflection_class.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_unittest.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/strutil.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/io/printer.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_primitive_field.cc
 *
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/json_format.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/bytestream.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_extension.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/unittest_no_field_presence.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

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*
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/map_unittest.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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*
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1.41.1/third_party/protobuf/src/google/protobuf/test_messages_proto3.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/_proto/google/protobuf/timestamp.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/any.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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1.41.1/third_party/protobuf/src/google/protobuf/compiler/php/php_generator.h
*
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/generated_message_table_driven.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/_proto/google/protobuf/source_context.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_test_large_enum_value.proto
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 /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/generated_enum_util.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_enum_field.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_wrapper_field.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/any.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_field.cc
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/python/python_plugin_unittest.cc
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/timestamp.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_string_field_lite.cc
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_parse_function_generator.h
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/_proto/google/protobuf/field_mask.proto
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_message_builder.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_unittest.h
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 *

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_repeated_enum_field.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_enum_field.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/text_format_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/wire_format.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_plugin_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/extension_set.cc
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_source_generator_base.h
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/map_type_handler.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/protostream_objectsource.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/cpp/cpp_generator.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/parse_context.cc
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1.41.1/third_party/protobuf/src/google/protobuf/wire_format_lite.cc
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_repeated_primitive_field.h
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/struct.proto
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 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/util/internal/object_writer.h
 * /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_file.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/util/internal/json_objectwriter.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_repeated_primitive_field.cc
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/unknown_field_set.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/java/java_primitive_field_lite.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/map_proto2_unittest.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_file.cc


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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/any_test.cc
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/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/map_test_util_impl.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/parser.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/arena_test_util.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/io/coded_stream.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_map_field.cc
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*
*/
/** TLS server authorization check arguments, wraps
* grpc_tls_server_authorization_check_arg. It is used for experimental
* purposes for now and it is subject to change.
*
* The server authorization check arg contains all the info necessary to
* schedule/cancel a server authorization check request. The callback function
```


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Found in path(s):

* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/src/compiler/cpp_plugin.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/support/validate_service_config.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/security/cronet_credentials.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/src/compiler/config_protobuf.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/server_context.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/opencensus.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/sync.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/delegating_channel.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/security/alts_context.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/security/alts_util.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/message_allocator.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/test/default_reactor_test_peer.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/support/message_allocator.h
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*/

Found in path(s):

* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/impl/codegen/sync_abseil.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/support/sync_abseil.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/test/channel_test_peer.h

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Metadata-Version: 1.1

Name: grpcio-tools

Version: 1.41.1

Summary: Protobuf code generator for gRPC

Home-page: <https://grpc.io>

Author: The gRPC Authors

Author-email: grpc-io@googlegroups.com

License: Apache License 2.0

Description: gRPC Python Tools

=====

Package for gRPC Python tools.

Supported Python Versions

Python >= 3.6

Installation

The gRPC Python tools package is available for Linux, Mac OS X, and Windows.

Installing From PyPI

~~~~~

If you are installing locally...

::

```
$ pip install grpcio-tools
```

Else system wide (on Ubuntu)...

::

```
$ sudo pip install grpcio-tools
```

If you're on Windows make sure that you installed the `pip.exe` component when you installed Python (if not go back and install it!) then invoke:

::

```
$ pip.exe install grpcio-tools
```

Windows users may need to invoke `pip.exe` from a command line ran as administrator.

n.b. On Windows and on Mac OS X one *must* have a recent release of `pip` to retrieve the proper wheel from PyPI. Be sure to upgrade to the latest version!

You might also need to install Cython to handle installation via the source distribution if gRPC Python's system coverage with wheels does not happen to include your system.

Installing From Source

~~~~~

Building from source requires that you have the Python headers (usually a package named `python-dev`) and Cython installed. It further requires a GCC-like compiler to go smoothly; you can probably get it to work without GCC-like stuff, but you may end up having a bad time.

::

```
$ export REPO_ROOT=grpc # REPO_ROOT can be any directory of your choice
$ git clone -b RELEASE_TAG_HERE https://github.com/grpc/grpc $REPO_ROOT
$ cd $REPO_ROOT
$ git submodule update --init
```

```
$ cd tools/distrib/python/grpcio_tools
```

```
$ python ../make_grpcio_tools.py
```

```
# For the next command do `sudo pip install` if you get permission-denied errors  
$ GRPC_PYTHON_BUILD_WITH_CYTHON=1 pip install .
```

You cannot currently install Python from source on Windows. Things might work out for you in MSYS2 (follow the Linux instructions), but it isn't officially supported at the moment.

Troubleshooting

~~~~~

Help, I ...

```
* **... see a** :code:`pkg_resources.VersionConflict` **when I try  
to install  
  grpc**
```

This is likely because :code:`pip` doesn't own the offending dependency, which in turn is likely because your operating system's package manager owns it. You'll need to force the installation of the dependency:

```
:code:`pip install --ignore-installed $OFFENDING_DEPENDENCY`
```

For example, if you get an error like the following:

::

Traceback (most recent call last):

File "<string>", line 17, in <module>

...

File "/usr/lib/python2.7/dist-packages/pkg\_resources.py", line 509, in find

raise VersionConflict(dist, req)

pkg\_resources.VersionConflict: (six 1.8.0 (/usr/lib/python2.7/dist-packages), Requirement.parse('six>=1.10'))

You can fix it by doing:

::

```
sudo pip install --ignore-installed six
```

```
* **... see compiler errors  
on some platforms when either installing from source or from the source distribution**
```

If you see

::

```
/tmp/pip-build-U8pSsr/cython/Cython/Plex/Scanners.c:4:20: fatal error: Python.h: No such file or directory
#include "Python.h"
      ^
compilation terminated.
```

You can fix it by installing `python-dev` package. i.e

::

```
sudo apt-get install python-dev
```

If you see something similar to:

::

```
third_party/protobuf/src/google/protobuf/stubs/mathlimits.h:173:31: note: in expansion of macro
'SIGNED_INT_MAX'
static const Type kPosMax = SIGNED_INT_MAX(Type); \\
      ^
```

And your toolchain is GCC (at the time of this writing, up through at least GCC 6.0), this is probably a bug where GCC chokes on constant expressions when the ``-fwrapv`` flag is specified. You should consider setting your environment with ``CFLAGS=-fno-wrapv`` or using clang (``CC=clang``).

Usage

-----

Given protobuf include directories ``$INCLUDE``, an output directory ``$OUTPUT``, and proto files ``$PROTO_FILES``, invoke as:

::

```
$ python -m grpc.tools.protoc -I$INCLUDE --python_out=$OUTPUT --grpc_python_out=$OUTPUT
$PROTO_FILES
```

To use as a build step in distutils-based projects, you may use the provided command class in your ``setup.py``:

::

```
setuptools.setup(
    # ...
    cmdclass={
        'build_proto_modules': grpc.tools.command.BuildPackageProtos,
    }
    # ...
)
```



Invocation of the command will walk the project tree and transpile every  
:code:`.proto`  
file into a :code:`\_pb2.py` file in the same directory.

Note that this particular approach requires :code:`grpcio-tools` to be installed on the machine before the setup script is invoked (i.e. no combination of :code:`setup\_requires` or :code:`install\_requires` will provide access to :code:`grpc.tools.command.BuildPackageProtos` if it isn't already installed). One way to work around this can be found in our :code:`grpcio-health-checking`  
`package <<https://pypi.python.org/pypi/grpcio-health-checking>>`:

::

```
class BuildPackageProtos(setuptools.Command):
    """Command to generate project *_pb2.py modules from proto files."""
    # ...
    def run(self):
        from grpc.tools import command
        command.build_package_protos(self.distribution.package_dir[""])
```

Now including :code:`grpcio-tools` in :code:`setup\_requires` will provide the command on-setup as desired.

For more information on command classes, consult :code:`distutils` and :code:`setuptools` documentation.

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 3

Classifier: License :: OSI Approved :: Apache Software License

Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/PKG-INFO
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpcio_tools.egg-info/PKG-INFO
```

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```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_helpers_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/ruby/ruby_generator_unittest.cc
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/stubs/casts.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_generator_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/third_party/protobuf/src/google/protobuf/stubs/map_util.h
```

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Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/event_engine/slice_allocator.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/test/simplest.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/xds_server_builder.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/ext/admin_services.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/main.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/event_engine/port.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/test/simpler.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/event_engine/endpoint_config.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/test/simple.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/test/complicated.proto
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/security/authorization_policy_provider.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/test/flawed.proto
```

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/security/tls_certificate_provider.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/event_engine/event_engine.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/main.cc
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*
*/
```

Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/health_check_service_interface.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/resource_quota.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/rpc_service_method.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/impl/codegen/gpr_types.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/src/compiler/node_generator_helpers.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/status_code_enum.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/core_codegen.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/impl/codegen/compression_types.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/server_builder_plugin.h
*
```

```

/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/src/compiler/php_generator.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/impl/codegen/rpc_service_method.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/src/compiler/php_generator_helpers.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/impl/codegen/gpr_slice.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/src/compiler/node_generator.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/create_channel_posix.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/test/server_context_test_spouse.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/src/compiler/php_plugin.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/impl/codegen/status.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/server_posix.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/src/compiler/node_generator.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/impl/codegen/connectivity_state.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/grpc_cronet.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/impl/codegen/propagation_bits.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/ext/health_check_service_server_builder_option.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/grpc_posix.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/grpc_security_constants.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/impl/server_initializer.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/src/compiler/php_generator.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/impl/codegen/channel_interface.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/impl/codegen/sync.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/impl/codegen/config.h
*

```

/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/grpc\_library.h

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Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/async\_unary\_call.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/ruby\_generator\_string-inl.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/create\_channel.h

\*

/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/sync.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/byte\_buffer.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/metadata\_map.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/alarm.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/string\_ref.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/rpc\_method.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/sync\_posix.h

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/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/python\_generator\_helpers.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

1.41.1/grpc\_root/include/grpc/support/log\_windows.h  
 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/sync\_posix.h  
 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/security/auth\_metadata\_processor.h  
 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/csharp\_plugin.cc  
 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/security/auth\_context.h  
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 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/atm\_windows.h  
 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/atm.h  
 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/csharp\_generator\_helpers.h  
 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/completion\_queue\_tag.h  
 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/alloc.h  
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 \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/time.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/slice\_buffer.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/client\_interceptor.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/ext/proto\_server\_reflection\_plugin.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/cpu.h

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/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/atm\_gcc\_atomic.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/rpc\_method.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/schema\_interface.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/call\_hook.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/objective\_c\_generator\_helpers.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/grpc\_library.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/node\_plugin.cc

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/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/stub\_options.h

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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/slice.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/sync\_windows.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/server\_interceptor.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/status\_code\_enum.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/ruby\_generator\_map-inl.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/cpp\_generator.h

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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/port\_platform.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/proto\_utils.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/serialization\_traits.h

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/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/serialization\_traits.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/client\_context.h

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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/method\_handler\_impl.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/config.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/python\_private\_generator.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/server.h

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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/ruby\_generator\_helpers-inl.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/python\_generator.cc

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/ruby\_plugin.cc

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/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/status.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/log.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/channel.h

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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/sync\_windows.h



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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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1.41.1/grpc\_root/include/grpcpp/impl/codegen/create\_auth\_context.h  
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1.41.1/grpc\_root/src/compiler/objective\_c\_generator.h  
\*  
/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpc/impl/codegen/status.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/support/interceptor.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/support/async\_unary\_call.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/support/config.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/src/compiler/generator\_helpers.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/src/compiler/python\_generator.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/support/channel\_arguments.h  
\*  
/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpc/impl/codegen/byte\_buffer\_reader.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpc/impl/codegen/port\_platform.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpc/support/log.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/impl/codegen/core\_codegen\_interface.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/src/compiler/csharp\_generator.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/src/compiler/ruby\_generator.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/src/compiler/python\_plugin.cc  
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```

Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/impl/codegen/sync_custom.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/support/error_details.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/support/sync_custom.h
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/byte_buffer.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/impl/codegen/fork.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/fork.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/channel_argument_option.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/load_reporting.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/test/mock_stream.h
```

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Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
```

```
1.41.1/grpc_tools/_protoc_compiler.pyx
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/_parallel_compile_patch.py
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/src/compiler/BUILD
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/command.py
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/test/protoc_test.py
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/test/BUILD.bazel
*
/opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/setup.py
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/protoc_lib_deps.py
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/__init__.py
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_tools/protoc.py
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_version.py
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```

Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc/census.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/server_builder.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/impl/codegen/completion_queue.h
*
```

/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/grpc.h

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 */
```

Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/test/client\_context\_test\_peer.h

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```

Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/client\_callback.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

1.41.1/grpc\_root/include/grpcpp/impl/codegen/async\_stream.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/impl/codegen/server\_callback.h  
\*  
/opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/impl/codegen/sync\_stream.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/impl/codegen/server\_callback\_handlers.h

## 1.346 libtool-bin 2.4.6-14

### 1.346.1 Available under license :

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Version 2.1, February 1999

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## 1.348 gjson 1.11.0

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# 1.349 Ixml 4.6.4

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## 1.350 pcre 10.34-7

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THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel

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## 1.352 jsonschema 3.2.0

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# 1.355 python 3.8.2-0ubuntu2

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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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A. HISTORY OF THE SOFTWARE

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

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (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) |
|---------|--------------|------|-------|---------------------|
|---------|--------------|------|-------|---------------------|

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     |
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| 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     |
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| 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     |
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| 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       |            |         |
| 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     |

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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                 |
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| 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                 |
| 3.2.2   | 3.2.1        | 2011 | PSF   | yes                 |
| 3.3     | 3.2          |      |       |                     |
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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 |
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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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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

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# 1.357 expat 2.2.9-1build1

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# 1.358 chardet 3.0.4

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## 1.359 kmod 27-1ubuntu2

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## 1.361 python-setuptools 44.0.0

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## 1.362 pcre 8.39-12build1

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This is Debian GNU/Linux's prepackaged version of the PCRE regular expression library and associated pgrep utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from <ftp.csx.cam.ac.uk:/pub/software/programming/pcre>.

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#### THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: ph10  
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# 1.366 progress 1.5

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# 1.367 html5lib-python 1.0.1

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# 1.368 retrying 1.3.3

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## 1.369 pkg\_resources 0.0.0

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

Metadata-Version: 2.0

Name: pkg\_resources

Version: 0.0.0

Summary: UNKNOWN

Home-page: UNKNOWN

Author: UNKNOWN

Author-email: UNKNOWN

License: UNKNOWN

Platform: UNKNOWN

UNKNOWN

Found in path(s):

\* /opt/cola/permits/1320410882\_1651537966.27/0/pkg-resources-0-0-0-dist-info-  
zip/inputdir/packages\_extracted/wheel/103/pkg\_resources-0.0.0.dist-info/METADATA

## 1.370 blang-semver 3.5.1+incompatible

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# 1.373 webencodings 0.5.1

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python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`  
<<http://encoding.spec.whatwg.org/>>`\_.

- \* Latest documentation: <http://packages.python.org/webencodings/>
- \* Source code and issue tracker:  
<https://github.com/gsnedders/python-webencodings>
- \* PyPI releases: <http://pypi.python.org/pypi/webencodings>
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- \* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules. For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration. The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

Found in path(s):

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/README.rst
```

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```
from setuptools import setup, find_packages
import io
from os import path
import re
```

```
VERSION = re.search("VERSION = '([^\s]+)'", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8'
).read().strip()).group(1)
```

```
LONG_DESCRIPTION = io.open(
    path.join(path.dirname(__file__), 'README.rst'),
    encoding='utf-8'
).read()
```

```
setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
```

```

'Development Status :: 4 - Beta',
'Intended Audience :: Developers',
'License :: OSI Approved :: BSD License',
'Programming Language
:: Python',
'Programming Language :: Python :: 2',
'Programming Language :: Python :: 2.6',
'Programming Language :: Python :: 2.7',
'Programming Language :: Python :: 3',
'Programming Language :: Python :: 3.3',
'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Programming Language :: Python :: 3.6',
'Programming Language :: Python :: Implementation :: CPython',
'Programming Language :: Python :: Implementation :: PyPy',
'Topic :: Internet :: WWW/HTTP',
],
packages=find_packages(),
)

```

Found in path(s):

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py
```

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"""

webencodings.mklabels

~~~~~

Regenerate the webencodings.labels module.

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"""

```
import json
```

```
try:
```

```
    from urllib import urlopen
```

```
except ImportError:
```

```
    from urllib.request import urlopen
```

```
def assert_lower(string):
```

```
    assert string == string.lower()
```

```
    return string
```

```

def generate(url):
    parts = ["\
"""

webencodings.labels
~~~~~

Map encoding labels to their name.

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"""

# XXX Do not edit!
# This file is automatically generated by mklabels.py

LABELS = {
    ""
    labels = [
        (repr(assert_lower(label)).rstrip('u'),
         repr(encoding['name']).rstrip('u'))
         for category in json.loads(urlopen(url).read().decode('ascii'))
         for encoding in category['encodings']
         for label in encoding['labels'])
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        ' %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ".join(parts)

if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))

Found in path(s):
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py
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Found in path(s):
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/labels.py
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-

```

0.5.1/webencodings/__init__.py

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-

0.5.1/webencodings/tests.py

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-

0.5.1/webencodings/x_user_defined.py

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Metadata-Version: 1.1

Name: webencodings

Version: 0.5.1

Summary: Character encoding aliases for legacy web content

Home-page: <https://github.com/SimonSapin/python-webencodings>

Author: Geoffrey Sneddon

Author-email: me@gsnedders.com

License: BSD

Description: python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`
<<http://encoding.spec.whatwg.org/>>`_.

* Latest documentation: <http://packages.python.org/webencodings/>

* Source code and issue tracker:

<https://github.com/gsnedders/python-webencodings>

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when interpreting something like ``Content-Type: text/html; charset=latin1``,

tools need to use a particular set

of aliases for encoding labels

as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually

aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence

over any other encoding declaration.

The Encoding standard defines all such details so that implementations do

not have to reverse-engineer each other.

This module has encoding labels and BOM detection,

but the actual implementation for encoders and decoders is Python's.

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.6
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python
:: 3.3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: Implementation :: CPython
Classifier: Programming Language :: Python :: Implementation :: PyPy
Classifier: Topic :: Internet :: WWW/HTTP

Found in path(s):

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings.egg-info/PKG-INFO

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/PKG-INFO

1.374 libcrypt 4.4.10-10ubuntu4

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1.375 pep517 0.8.2

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1.382 file 5.38-4

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This is Debian GNU/Linux's prepackaged version of the rlfe program.
This package was put together by Matthias Klose <doko@debian.org>.

Upstream source:

<ftp.gnu.org/pub/gnu/readline/readline-4.3.tar.gz>.

Author: Per Bothner

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/* A front-end using readline to "cook" input lines for Kawa.

*

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1.388 argon2 0~20171227-0.2

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Argon2 reference source code package - reference C implementations

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1.392 cryptography 35.0.0

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1.393 myapp 0.1.0-0001

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