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Files: numpy/linalg/lapack_lite/*

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For details, see numpy/linalg/lapack_lite/LICENSE.txt

Name: tempita

Files: tools/npv_tempita/*

License: MIT

For details, see tools/npv_tempita/license.txt

Name: dragon4

Files: numpy/core/src/multiarray/dragon4.c

License: MIT

For license text, see numpy/core/src/multiarray/dragon4.c

Name: libdivide

Files: numpy/core/include/numpy/libdivide/*

License: Zlib

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```
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#+STARTUP: showall
```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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zip/usr/lib/python3.7/site-packages/pycparser/_c_ast.cfg
- * /opt/ws_local/PERMITS_SQL/1089654772_1600397317.82/0/python3-pycparser-2-18-1-ph-
zip/usr/lib/python3.7/site-packages/pycparser/ast_transforms.py
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zip/usr/lib/python3.7/site-packages/pycparser/_ast_gen.py
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1.5 procps 3.3.15-r0

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1.6 rsync 3.1.3-r0

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1.8 toml 0.10.0

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1.9 zeromq 4.2.5

1.9.1 Available under license :

wepoll - epoll for Windows
<https://github.com/piscisaureus/wepoll>

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1.10 dmidecode 3.5

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1.11 oauthlib 2.0.6

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```
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```

```
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1.16 apr-util 1.6.1

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#

```
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1.17 protobuf-c 1.3.1+git0+269771b4b4

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1.18 usbutils 010

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1.19 zlib 1.2.3

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

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1.20 lvm2 2.02.180

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1.21 glib 2.66.8

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Version 2.1, February 1999

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1.22 certifi 2018.08.13

1.22.1 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 \$

1.23 json-glib 1.2.8

1.24 base-files 3.0.14-r89

1.24.1 Available under license :

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1.25 apr 1.6.3

1.26 incron 0.5.10-r0

1.26.1 Available under license :

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1.28 click 6.7

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1.29 readline 7.0-r0

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1.30 less 530

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```
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```

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1.31 procps 3.3.15

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1.32 openssh 7.8p1

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```
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```

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```

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

```
#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_
```

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

```
typedef unsigned int nfds_t;
```

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

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

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

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* @version 3.0 (December 2000)

*

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

*

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

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

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```

```
*/
```

```

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

```

```

#endif
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 */

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w)) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w)) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);

```

```
#endif /* !HAVE_WAITPID */  
#endif /* _BSD_WAITPID_H */
```

1.33 c-ares 1.17.0

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1.34 urllib3 1.25.8

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```
* 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]

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1.35 smartmontools 7.1

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- Chris McDonough, 2011/02/16
- Wichert Akkerman, 2012/02/02

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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
3.3	3.2	2012	PSF	yes

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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
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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
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

Footnotes:

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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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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1.37 pam 1.3.0

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1.38 falcon 1.1.0

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Found in path(s):

* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/README.rst

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Metadata-Version: 1.1

Name: falcon

Version: 1.1.0

Summary: An unladen web framework for building APIs and app backends.

Home-page: <http://falconframework.org>

Author: Kurt Griffiths

Author-email: mail@kgriffs.com

License: Apache 2.0

Description: Falcon |[Docs](#)| |[Build Status](#)| |[codecov.io](#)|

=====

Perfection is finally attained not when there is no longer anything to add, but when there is no longer anything to take away.

- Antoine de Saint-Exup[©]ry

Falcon is a `high-performance Python framework <<http://falconframework.org/index.html>>` __ for building cloud APIs. It encourages the REST architectural style, and tries to do as little as possible while remaining `highly effective <<http://falconframework.org/index.html#Benefits>>` __.

Quick Links

* `Read the docs <<https://falcon.readthedocs.io/en/stable>>` __.
* `Join the discussion group <<https://groups.google.com/forum/#!forum/falconframework>>` __.
* `Hang out in #falconframework on freenode <<https://kiwiirc.com/client/irc.freenode.net/?#falconframework>>` __.

Design Goals

****Fast.**** Cloud APIs need to turn around requests quickly, and make efficient use of hardware. This is particularly important when serving

many concurrent requests. Falcon is among the fastest WSGI frameworks available, processing requests `<http://falconframework.org/#Metrics>` ___ than other Python web frameworks.

Light. Only the essentials are included, with `six` and `mimemagic` being the only dependencies outside the standard library. We work hard to keep the code lean, making Falcon easier to test, secure, optimize, and deploy.

Flexible. Falcon is not opinionated when it comes to talking to databases, rendering content, authorizing requests, etc. You are free to mix and match your own favorite libraries. Falcon apps work with any WSGI server, and run great under CPython 2.6-2.7, PyPy, Jython 2.7, and CPython 3.3-3.5 `<https://travis-ci.org/falconry/falcon>` ___.

Features

- Highly-optimized, extensible code base
- Intuitive routing via URI templates and REST-inspired resource classes
- Easy access to headers and bodies through request and response classes
- DRY request processing via middleware components and hooks
- Idiomatic HTTP error responses
- Straightforward exception handling
- Snappy unit testing through WSGI helpers and mocks
- CPython 2.6-2.7, PyPy, Jython 2.7, and CPython 3.3-3.5 support
- ~20% speed boost when Cython is available

Who's Using Falcon?

Falcon is used around the world by a growing number of organizations, including:

- 7ideas
- Cronitor
- EMC
- Hurricane Electric
- Leadpages
- OpenStack
- Rackspace
- Shiftgig
- tempfil.es
- Opera Software

If you are using the Falcon framework for a community or commercial project, please consider adding your information to our wiki under [`Who's Using Falcon? <https://github.com/falconry/falcon/wiki/Who's-using-Falcon%3F>`](https://github.com/falconry/falcon/wiki/Who's-using-Falcon%3F) _

You might also like to view our [`Add-on Catalog <https://github.com/falconry/falcon/wiki/Add-on-Catalog>`](https://github.com/falconry/falcon/wiki/Add-on-Catalog)_, where you can find a list of add-ons maintained by the community.

Installation

PyPy

^^^^

[`PyPy <http://pypy.org/>`](http://pypy.org/) _ is the fastest way to run your Falcon app. However, note that only the PyPy 2.7 compatible release is currently supported.

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

```
$ pip install falcon
```

CPython

^^^^^^

Falcon also fully supports

[`CPython <https://www.python.org/downloads/>`](https://www.python.org/downloads/) _ 2.6-3.5.

A universal wheel is available on PyPI for the the Falcon framework.

Installing it is as simple as:

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

```
$ pip install falcon
```

Installing the wheel is a great way to get up and running with Falcon quickly in a development environment, but for an extra speed boost when deploying your application in production, Falcon can compile itself with Cython.

The following commands tell pip to install Cython, and then to invoke Falcon's ```setup.py```, which will in turn detect the presence of Cython and then compile (AKA cythonize) the Falcon framework with the system's default C compiler.

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

```
$ pip install cython
```

```
$ pip install --no-binary :all: falcon
```

****Installing on OS X****

Xcode Command Line Tools are required to compile Cython. Install them with this command:

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

```
$ xcode-select --install
```

The Clang compiler treats unrecognized command-line options as errors; this can cause problems under Python 2.6, for example:

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

```
clang: error: unknown argument: '-mno-fused-madd' [-Wunused-command-line-argument-hard-error-in-future]
```

You might also see warnings about unused functions. You can work around these issues by setting additional Clang C compiler flags as follows:

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

```
$ export CFLAGS="-Qunused-arguments -Wno-unused-function"
```

Dependencies

^^^^^^^^^^^^^^

Falcon depends on `six` and `python-mimeparse`. `python-mimeparse` is a better-maintained fork of the similarly named `mimeparse` project. Normally the correct package will be selected by Falcon's `setup.py`. However, if you are using an alternate strategy to manage dependencies, please take care to install the correct package in order to avoid errors.

WSGI Server

Falcon speaks WSGI, and so in order to serve a Falcon app, you will need a WSGI server. Gunicorn and uWSGI are some of the more popular ones out there, but anything that can load a WSGI app will do.

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

```
$ pip install [gunicorn|uwsgi]
```

Source Code

Falcon lives on GitHub <<https://github.com/falconry/falcon>>, making the code easy to browse, download, fork, etc. Pull requests are always welcome! Also, please remember to star the project if it makes you happy. :)

Once you have cloned the repo or downloaded a tarball from GitHub, you can install Falcon like this:

```
.. code:: bash

$ cd falcon
$ pip install .
```

Or, if you want to edit the code, first fork the main repo, clone the fork to your desktop, and then run the following to install it using symbolic linking, so that when you change your code, the changes will be automatically available to your app without having to reinstall the package:

```
.. code:: bash

$ cd falcon
$ pip install -e .
```

You can manually test changes to the Falcon framework by switching to the directory of the cloned repo and then running pytest:

```
.. code:: bash

$ cd falcon
$ pip install -r tools/test-requirements
$ pytest tests
```

Or, to run the default set of tests:

```
.. code:: bash

$ pip install tox && tox
```

See also the `tox.ini` <<https://github.com/falconry/falcon/blob/master/tox.ini>> file for a full list of available environments.

Read the docs

The docstrings in the Falcon code base are quite extensive, and we recommend keeping a REPL running while learning the framework so that you can query the various modules and classes as you have questions.

Online docs are available at: <https://falcon.readthedocs.io>

You can build the same docs locally as follows:

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

```
$ pip install tox && tox -e docs
```

Once the docs have been built, you can view them by opening the following index page in your browser. On OS X it's as simple as::

```
$ open docs/_build/html/index.html
```

Or on Linux:

```
$ xdg-open docs/_build/html/index.html
```

Getting started

Here is a simple, contrived example showing how to create a Falcon-based API.

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

```
# things.py
```

```
# Let's get this party started!
```

```
import falcon
```

```
# Falcon follows the REST architectural style, meaning (among  
# other things) that you think in terms of resources and state  
# transitions, which map to HTTP verbs.
```

```
class ThingsResource(object):
```

```
    def on_get(self, req, resp):
```

```
        """Handles GET requests"""
```

```
        resp.status = falcon.HTTP_200 # This is the default status
```

```
        resp.body = ('\nTwo things awe me most, the starry sky '
```

```
                    'above me and the moral law within me.\n'
```

```
                    '\n'
```

```
                    ' ~ Immanuel Kant\n\n')
```

```
# falcon.API instances are callable WSGI apps
```

```
app = falcon.API()
```

```
# Resources are represented by long-lived class instances
```

```
things = ThingsResource()

# things will handle all requests to the '/things' URL path
app.add_route('/things', things)
```

You can run the above example using any WSGI server, such as uWSGI or Gunicorn. For example:

```
.. code:: bash

$ pip install gunicorn
$ gunicorn things:app
```

Then, in another terminal:

```
.. code:: bash

$ curl localhost:8000/things
```

A more complex example

Here is a more involved example that demonstrates reading headers and query parameters, handling errors, and working with request and response bodies.

```
.. code:: python

import json
import logging
import uuid
from wsgiref import simple_server

import falcon
import requests

class StorageEngine(object):

    def get_things(self, marker, limit):
        return [{'id': str(uuid.uuid4()), 'color': 'green'}]

    def add_thing(self, thing):
        thing['id'] = str(uuid.uuid4())
        return thing

class StorageError(Exception):
```

```

@staticmethod
def handle(ex, req, resp, params):
    description = ('Sorry, couldn\'t write your thing to the '
                  'database. It worked on my box.')

    raise falcon.HTTPError(falcon.HTTP_725,
                           'Database Error',
                           description)

class SinkAdapter(object):

    engines = {
        'ddg': 'https://duckduckgo.com',
        'y': 'https://search.yahoo.com/search',
    }

    def __call__(self, req, resp, engine):
        url = self.engines[engine]
        params = {'q': req.get_param('q', True)}
        result = requests.get(url, params=params)

        resp.status = str(result.status_code) + ' ' + result.reason
        resp.content_type = result.headers['content-type']
        resp.body = result.text

class AuthMiddleware(object):

    def process_request(self, req, resp):
        token = req.get_header('Authorization')
        account_id = req.get_header('Account-ID')

        challenges = ["Token type=\"Fernet\""]

        if token is None:
            description = ('Please provide an auth token '
                          'as part of the request.')

            raise falcon.HTTPUnauthorized('Auth token required',
                                         description,
                                         challenges,
                                         href='http://docs.example.com/auth')

        if not self._token_is_valid(token, account_id):
            description = ('The provided auth token is not valid. '
                          'Please request a new token and try again.')

```



```

        raise falcon.HTTPUnauthorized('Authentication required',
                                     description,
                                     challenges,
                                     href='http://docs.example.com/auth')

def _token_is_valid(self, token, account_id):
    return True # Suuuuuure it's valid...

class RequireJSON(object):

    def process_request(self, req, resp):
        if not req.client_accepts_json:
            raise falcon.HTTPNotAcceptable(
                'This API only supports responses encoded as JSON.',
                href='http://docs.examples.com/api/json')

        if req.method in ('POST', 'PUT'):
            if 'application/json' not in req.content_type:
                raise falcon.HTTPUnsupportedMediaType(
                    'This API only supports requests encoded as JSON.',
                    href='http://docs.examples.com/api/json')

class JSONTranslator(object):

    def process_request(self, req, resp):
        # req.stream corresponds to the WSGI wsgi.input environ variable,
        # and allows you to read bytes from the request body.
        #
        # See also: PEP 3333
        if req.content_length in (None, 0):
            # Nothing to do
            return

        body = req.stream.read()
        if not body:
            raise falcon.HTTPBadRequest('Empty request body',
                                        'A valid JSON document is required.')

        try:
            req.context['doc'] = json.loads(body.decode('utf-8'))

        except (ValueError, UnicodeDecodeError):
            raise falcon.HTTPError(falcon.HTTP_753,
                                  'Malformed JSON',
                                  'Could not decode the request body. The ')

```

```
'JSON was incorrect or not encoded as '  
'UTF-8.')
```

```
def process_response(self, req, resp, resource):  
    if 'result' not in req.context:  
        return  
  
    resp.body = json.dumps(req.context['result'])
```

```
def max_body(limit):
```

```
    def hook(req, resp, resource, params):  
        length = req.content_length  
        if length is not None and length > limit:  
            msg = ('The size of the request is too large. The body must not '  
                  'exceed ' + str(limit) + ' bytes in length.')  
            raise falcon.HTTPRequestEntityTooLarge(  
                'Request body is too large', msg)  
  
    return hook
```

```
class ThingsResource(object):
```

```
    def __init__(self, db):  
        self.db = db  
        self.logger = logging.getLogger('thingsapp.' + __name__)  
  
    def on_get(self, req, resp, user_id):  
        marker = req.get_param('marker') or "  
        limit = req.get_param_as_int('limit') or 50  
  
        try:  
            result = self.db.get_things(marker, limit)  
        except Exception as ex:  
            self.logger.error(ex)  
  
        description = ('Aliens have attacked our base! We will '  
                      'be back as soon as we fight them off. '  
                      'We appreciate your patience.')  
        raise falcon.HTTPServiceUnavailable(  
            'Service Outage',  
            description,  
            30)
```

```

# An alternative way of doing DRY serialization would be to
# create a custom class that inherits from falcon.Request. This
# class could, for example, have an additional 'doc' property
# that would serialize to JSON under the covers.
req.context['result'] = result

resp.set_header('Powered-By', 'Falcon')
resp.status = falcon.HTTP_200

@falcon.before(max_body(64 * 1024))
def on_post(self, req, resp, user_id):
    try:
        doc = req.context['doc']
    except KeyError:
        raise falcon.HTTPBadRequest(
            'Missing thing',
            'A thing must be submitted in the request body.')

    proper_thing = self.db.add_thing(doc)

    resp.status = falcon.HTTP_201
    resp.location = '/%s/things/%s' % (user_id, proper_thing['id'])

# Configure your WSGI server to load "things.app" (app is a WSGI callable)
app = falcon.API(middleware=[
    AuthMiddleware(),
    RequireJSON(),
    JSONTranslator(),
])

db = StorageEngine()
things = ThingsResource(db)
app.add_route('/{user_id}/things', things)

# If a responder ever raised an instance of StorageError, pass control to
# the given handler.
app.add_error_handler(StorageError, StorageError.handle)

# Proxy some things to another service; this example shows how you might
# send parts of an API off to a legacy system that hasn't been upgraded
# yet, or perhaps is a single cluster that all data centers have to share.
sink = SinkAdapter()
app.add_sink(sink, r'/search/(?P<engine>ddg|y)\Z')

# Useful for debugging problems in your API; works with pdb.set_trace(). You
# can also use Gunicorn to host your app. Gunicorn can be configured to
# auto-restart workers when it detects a code change, and it also works

```

```
# with pdb.
if __name__ == '__main__':
    httpd = simple_server.make_server('127.0.0.1', 8000, app)
    httpd.serve_forever()
```

Community

The Falcon community maintains a discussion group that you can use to share your ideas and ask questions about the framework. To join the discussion, please visit <https://groups.google.com/d/forum/falconframework>.

Per our

[Code of Conduct <https://github.com/falconry/falcon/blob/master/CODEOFCONDUCT.md>](https://github.com/falconry/falcon/blob/master/CODEOFCONDUCT.md), we expect everyone who participates in community discussions to act professionally, and lead by example in encouraging constructive discussions. Each individual in the community is responsible for creating a positive, constructive, and productive culture.

We also hang out in

[#falconframework <https://kiwiirc.com/client/irc.freenode.net/?#falconframework>](https://kiwiirc.com/client/irc.freenode.net/?#falconframework) on freenode, where everyone is always welcome to ask questions and share ideas.

Contributing

Kurt Griffiths (kgriffs) is the creator and current maintainer of the Falcon framework, with the generous help of a number of stylish and talented contributors.

Pull requests are always welcome. We use the GitHub issue tracker to organize our work, but you do not need to open a new issue before submitting a PR.

Before submitting a pull request, please ensure you have added/updated the appropriate tests (and that all existing tests still pass with your changes), and that your coding style follows PEP 8 and doesn't cause pyflakes to complain.

Commit messages should be formatted using [AngularJS conventions <http://goo.gl/QpbS7>](http://goo.gl/QpbS7).

Comments follow [Google's style guide](https://google.github.io/styleguide/pyguide.html?showone=Comments#Comments)

<https://google.github.io/styleguide/pyguide.html?showone=Comments#Comments>, with the additional requirement of prefixing inline comments using your GitHub nick and an appropriate prefix:

- TODO(riker): Damage report!
- NOTE(riker): Well, that's certainly good to know.
- PERF(riker): Travel time to the nearest starbase?
- APPSEC(riker): In all trust, there is the possibility for betrayal.

See also: `CONTRIBUTING.md` <<https://github.com/falconry/falcon/blob/master/CONTRIBUTING.md>>` __

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```
.. |Docs| image:: https://readthedocs.org/projects/falcon/badge/?version=stable
   :target: https://falcon.readthedocs.io/en/stable/?badge=stable
   :alt: Falcon web framework docs
.. |Runner| image:: https://a248.e.akamai.net/assets.github.com/images/icons/emoji/runner.png
   :width: 20
   :height: 20
.. |Build Status| image:: https://travis-ci.org/falconry/falcon.svg
   :target: https://travis-ci.org/falconry/falcon
.. |codecov.io| image:: http://codecov.io/github/falconry/falcon/coverage.svg?branch=master
   :target: http://codecov.io/github/falconry/falcon?branch=master
```

Keywords: wsgi web api framework rest http cloud

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Natural Language :: English

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

Classifier: License :: OSI Approved :: Apache Software License

Classifier: Operating System :: MacOS :: MacOS X
Classifier: Operating System :: Microsoft :: Windows
Classifier: Operating System :: POSIX
Classifier: Topic :: Internet :: WWW/HTTP :: WSGI
Classifier: Topic :: Software Development :: Libraries :: Application Frameworks
Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: Implementation :: CPython
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Classifier: Programming Language :: Python :: Implementation :: Jython
Classifier: Programming Language :: Python :: 2.6
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3.3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5

Found in path(s):

* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/PKG-INFO
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon.egg-info/PKG-INFO

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* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/resource.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/cmd/bench.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/http_error.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/responders.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/api.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/stats.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/util/misc.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/client.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/request_helpers.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/response_helpers.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/redirects.py

```

* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/routing/__init__.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/cmd/print_routes.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/request.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/errors.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/claims.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/hooks.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/__init__.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-
1.1.0/falcon/bench/queues/messages.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/util/uri.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/response.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/base.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/tools/build.sh
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/status_codes.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/queues.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/version.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/bench.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/api_helpers.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/__init__.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/http_status.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/routing/compiled.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/api.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/routing/util.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/srmock.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/test_case.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/create.py
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Found in path(s):

```

* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/helpers.py

```

1.39 jansson 2.11

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1.40 libsodium 1.0.16

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1.41 ncftp 3.2.6

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1.42 libsolv 0.6.35

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1.43 pip 20.1.1

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Contributors

- Chris McDonough, 2011/02/16
- Wichert Akkerman, 2012/02/02

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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
3.3	3.2	2012	PSF	yes

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

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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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-->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

xmlns:xi="http://www.w3.org/2001/XInclude"

xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '#10;'))"/>

<xsl:text>#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '#10;')"/>

<xsl:if test="translate(\$rest, '#9;#32;', '')">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text" select="\$rest"/>

</xsl:call-template>

</xsl:if>

</xsl:template>

<xsl:variable name="isc.copyright.text">

<xsl:text>

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</xsl:text>

```

</xsl:variable>

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

```

<!--

- Local variables:

- mode: sgml

- End:

-->

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bzip2/libbzip2 version 1.0.4 of 20 December 2006

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1.49 libaio 1.0.1-7.el6

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1.50 lua 5.2.4

1.51 elfutils 0.175

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```
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```

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```
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```

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1.52 gperftools 2.0

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1.53 cracklib 2.9.5

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

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

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

That's all there is to it!

EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
in released code until Nov 2009 - slow release cycle...)

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

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly
and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.=20

-- Nathan
=20

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>=20
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

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

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

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

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

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

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan
=20

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

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

> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>=20
> On Monday 01 October 2007, Neulinger, Nathan wrote:
>> I understand that, and you're welcome to bring it up with Alec
> directly
>> and see if he wants to relicense his code as LGPL... but at this
> point,
>> it was enough to just get it consistent and documented as to what
> it was
>> released under. This wasn't actually a license change, just a
>> clarification of the licensing that was already in place.
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> not
> GPL-2 ... it was a modified artistic license ... i didnt notice the
> license
> change until it was mentioned in the latest notes.
>=20
> unlike the old license, GPL-2 prevents people from using cracklib
> unless their
> applications are also GPL-2 which imo is just wrong. it isnt the
> place of a
> library to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license

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

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

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license

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

I would like to see it under LGPL as well. I think it is in everyone's best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

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

Devin

--

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

Re: [Cracklib-devel] cracklib license

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

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

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

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

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

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

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

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

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

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

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

>>

>> I am sympathetic. Guys, what do you reckon?

>>

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

>

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

>

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

>

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

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

-mike

Re: [Cracklib-devel] cracklib license

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

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

>

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

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

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

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

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

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

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

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

From alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000

Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtpr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21

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

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

Happy now? :-)

1.54 inetutils 1.9.4-r0

1.54.1 Available under license :

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Version 3, 29 June 2007

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1.58 grpcio 1.14.1

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- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/ssl/t1_enc.cc
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- /*
- *
- * IP-address/hostname to country converter.
- *


```

* Problem; you want to know where IP a.b.c.d is located.
*
* Use ares_gethostbyname ("d.c.b.a.zz.countries.nerd.dk")
* and get the CNAME (host->h_name). Result will be:
* CNAME = zz<CC>.countries.nerd.dk with address 127.0.x.y (ver 1) or
* CNAME = <a.b.c.d>.zz.countries.nerd.dk with address 127.0.x.y (ver 2)
*
* The 2 letter country code is in <CC> and the ISO-3166 country
* number is in x.y (number = x*256 + y). Version 2 of the protocol is missing
* the <CC> number.
*
* Ref: http://countries.nerd.dk/more.html
*
* Written by G. Vanem <gvanem@yahoo.no> 2006, 2007
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1.14.1/third_party/boringssl/crypto/pem/pem_all.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/ssl/s3_pkt.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/ssl/tls_record.cc

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1.14.1/third_party/boringssl/util/bot/extract.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/util/generate-asm-icov.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/util/generate_build_files.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/util/bot/vs_env.py

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1.14.1/third_party/boringssl/include/openssl/ec_key.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/ec/oct.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/ec/ec_key.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/ec/internal.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/ec/wnaf.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/ec/simple.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/ec.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/ec/ec.c

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1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest-typed-test2_test.cc

```

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/samples/sample7_unittest.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/test/gtest-typed-test_test.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/test/gtest-typed-test2_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/include/gtest/internal/gtest-param-util.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/src/gtest-typed-test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest-test-part_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/src/gtest-typed-test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest-typed-test_test.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/include/gtest/internal/gtest-param-util-generated.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/include/gtest/internal/gtest-type-util.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/include/gtest/internal/gtest-type-util.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/test/gtest-test-part_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/include/gtest/internal/gtest-tuple.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/samples/prime_tables.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/samples/sample7_unittest.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/samples/prime_tables.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/include/gtest/gtest-typed-test.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/include/gtest/internal/gtest-param-util-generated.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/samples/sample8_unittest.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/include/gtest/internal/gtest-param-util.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/samples/sample6_unittest.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest-typed-test_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/include/gtest/gtest-typed-test.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/test/gtest-typed-test_test.cc

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/include/gtest/internal/gtest-tuple.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/samples/sample6_unittest.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/samples/sample8_unittest.cc
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1.14.1/third_party/boringssl/third_party/googletest/test/gtest_shuffle_test.py

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest_shuffle_test.py

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 1.14.1/third_party/address_sorting/address_sorting_windows.c
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
 1.14.1/third_party/address_sorting/address_sorting.c
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
 1.14.1/third_party/address_sorting/include/address_sorting/address_sorting.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
 1.14.1/third_party/address_sorting/address_sorting_posix.c
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
 1.14.1/third_party/address_sorting/address_sorting_internal.h

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// AEAD couples confidentiality and integrity in a single primitive. AEAD

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

Version 1.1, February 14h, 2010

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

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

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

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

For more info read MiniZip_info.txt

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

Code woven in by Terry Thorsen 1/2003.

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See the accompanying file LICENSE, version 2000-Apr-09 or later

(the contents of which are also included in zip.h) for terms of use.

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

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

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

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

Changes in unzip.c

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

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

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

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

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

Patch created by Daniel Borca

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

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*/

Found in path(s):

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/zlib/contrib/minizip/unzip.c

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```
/*
 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/composite/composite_credentials.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/census.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/ev_poll_posix.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/completion_queue.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/completion_queue.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/json/json_reader.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/resolver/sockaddr/sockaddr_resolver.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/grpc.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/server.cc
```

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```
/* Copyright (c) 2017, Google Inc.
```

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Found in path(s):

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/fipsmodule/is_fips.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/cipher_extra/e_aesgcm.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/ssl/test/fuzzer.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fuzz/dtls_server.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_hmac_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_tdes_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/evp/p_ed25519.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/evp/p_ed25519_asn1.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/test/gtest_main.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fuzz/bn_div.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/tool/sign.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/fipsmodule/delocate.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/ssl/test/fuzzer_tags.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_ecdsa2_keypair_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_ecdsa2_sigver_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_aes_gcm_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_ecdsa2_siggen_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/tool/file.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/ssl/span_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/pkcs7/internal.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_rsa2_sigver_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_rsa2_keygen_test.cc

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/pkcs7/pkcs7_x509.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_sha_monte_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/rand_extra/rand_extra.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/rand_extra/fuchsia.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/evp/scrypt_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/fipsmodule/rand/ctrdrbg.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fuzz/dtls_client.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/rand_extra/forkunsafe.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_keywrap_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_main.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_ctr_drbg_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/test_fips.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_ecdsa2_pkv_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/test/file_test_gtest.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/cipher_extra/e_aesctrhmac.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/fipsmodule/self_check/self_check.c
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/ssl/ssl_versions.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/buf/buf_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_aes_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/fipsmodule/rand/ctrdrbg_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_test_util.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_sha_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_rsa2_siggen_test.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/boringssl/crypto_test_data.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/compiler_test.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fuzz/bn_mod_exp.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/fipstools/cavp_test_util.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/fipsmodule/bcm.c
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/include/openssl/span.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/fipsmodule/aes/internal.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/err/internal.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/include/openssl/is_boringssl.h

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*
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```

Found in path(s):

```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/bn/jacobi.c
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```

```

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```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/cares/cares/ares_options.c
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```

```

/*
* Original file name getopt.c Initial import into the c-ares source tree
* on 2007-04-11. Lifted from version 5.2 of the 'Open Mash' project with
* the modified BSD license, BSD license without the advertising clause.
*
*/
/*
* getopt.c --
*
* Standard UNIX getopt function. Code is from BSD.
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*/

```

Found in path(s):

```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/cares/cares/ares_getopt.c

```

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```

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

```

Found in path(s):

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/zlib/test/infcover.c
```

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```

Found in path(s):

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/decrepit/cfb/cfb_test.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/decrepit/cfb/cfb.c
```

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```
/* inflate.h -- internal inflate state definition
```

```
* Copyright (C) 1995-2016 Mark Adler
```

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

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/zlib/inflate.h
```

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```
/*
```

```
*
```

```
* Copyright 2015 gRPC authors.
```

```
*
```

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```
*
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/metadata.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

1.14.1/src/core/ext/filters/client_channel/connector.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame_data.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tmpfile.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/debug/trace.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/sync.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/context.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/transport_op_string.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/init_secure.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/context/security_context.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/log.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/client_channel_plugin.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/time_precise.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/endpoint_pair_windows.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy_registry.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr_windows.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/sockaddr_utils.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/time_precise.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/slice_string_helpers.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/status_conversion.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame_window_update.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/atm.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/udp_server.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/load_file.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame_ping.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/port_platform.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/client/chttp2_connector.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/string.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/atm_windows.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/b64.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/time_averaged_stats.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/json/json_writer.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/transport/tsi_error.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/json/json_reader.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/resolver_registry.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/compression/algorithm_metadata.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/server/secure/server_secure_chttp2.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/security_connector/security_connector.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/resolver.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/security_connector/security_connector.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr_posix.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/call.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/chttp2_transport.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/fake_transport_security.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/resolver.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/subchannel.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/huffsyms.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame_goaway.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/byte_buffer.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy_factory.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/jwt/json_token.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/atm.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

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 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/client_channel_factory.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/uri_parser.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/cpu_posix.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/metadata_batch.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/log.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/sync_generic.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/connected_channel.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/client_channel.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tmpfile_windows.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy/round_robin/round_robin.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/transport/secure_endpoint.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/alloc.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_server_windows.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/client_channel.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/udp_server.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/http/message_compress/message_compress_filter.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/sync_windows.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/grpc_security.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/sockaddr.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/connectivity_state.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/internal.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket_utils_common_posix.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/ssl_types.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/client/insecure/channel_create.cc

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/channel.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/closure.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/http/message_compress/message_compress_filter.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/metadata_array.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/cpu_iphone.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/hpack_parser.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/subchannel.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/hpack_table.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/credentials_metadata.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/atm_gcc_atomic.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/transport/client_auth_filter.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tls_pthread.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/sync_windows.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tls_msvc.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/time.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/alloc.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/sync_posix.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/http/server/http_server_filter.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/client_channel_factory.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/ssl_transport_security.cc
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- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/http/parser.h
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/compression/compression.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/http/format_request.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr_internal.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/b64.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset_set.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/cpu.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/byte_buffer.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/transport/security_handshaker.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/timer_generic.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame_ping.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/polling_entity.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/time_averaged_stats.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/timer_heap.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/client/secure/secure_channel_create.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/log_posix.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/atm_windows.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/call.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/metadata.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset_windows.h

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/endpoint.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/load_file.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset_set_windows.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/ev_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/hpack_encoder.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/time.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_server_posix.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/byte_stream.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_windows.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame_settings.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/log_android.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/exec_ctx.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/workaround_list.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/json/json_common.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/timer_heap.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/ev_posix.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket_windows.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/channel_stack.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/fake_transport_security.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/ssl_transport_security.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/status.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/hpack_encoder.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/parsing.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/version.cc

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/init.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/murmur_hash.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/http2/transport/incoming_metadata.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/http2/alpn/alpn.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/endpoint.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset_set_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/compression/compression_internal.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/transport/tsi_error.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/google_default/google_default_credentials.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/http2/transport/bin_encoder.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_client_posix.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/sync_posix.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/http2/alpn/alpn.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/channel_ping.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iocp_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/sync_generic.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tls_pthread.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/ev_epollsig_linux.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/env_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/http/parser.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/cpu_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/json/json_string.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/http/httpcli.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/parse_address.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket_utils_posix.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/init.cc

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/context/security_context.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/host_port.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/http2_errors.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/uri_parser.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_posix.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/resolve_address_posix.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/slice_buffer.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/sync_posix.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/writing.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/wakeup_fd_eventfd.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/json/json.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/time_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket_utils_posix.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/cpp/ext/filters/census/grpc_context.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/profiling/stap_timers.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/stream_map.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/channel_stack_type.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/chtcp2_transport.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/byte_buffer.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/resolve_address_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/time_posix.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/resolver_factory.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/json/json.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/string.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/byte_stream.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/client/chtcp2_connector.cc

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/api_trace.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/transport.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/sockaddr_windows.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/executor.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/slice.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_posix.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/atm_gcc_sync.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/chttp2_plugin.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/hpack_parser.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame_window_update.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/util/json_util.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/wakeup_fd_pipe.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/call_details.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/call_log_batch.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/http/server/http_server_filter.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/wakeup_fd_pipe.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy/pick_first/pick_first.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/channel_args.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/server/insecure/server_chttp2.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/channel.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/frame_goaway.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/env_linux.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/string_windows.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/varint.cc

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chtcp2/transport/varint.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/wakeup_fd_posix.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/credentials.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/lame_client.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/byte_buffer_reader.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/credentials.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/transport/security_handshaker.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/port_platform.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/network_status_tracker.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/log_linux.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/block_annotate.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/channel_args.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chtcp2/transport/frame_settings.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/resolver/dns/native/dns_resolver.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/slice.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_server.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/cpu_linux.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/log.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/connectivity_state.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_client.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/profiling/timers.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chtcp2/transport/stream_lists.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chtcp2/server/chtcp2_server.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy_factory.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/compression/message_compress.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/method_params.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/status.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iocp_windows.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/server.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/log_windows.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr_posix.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/transport/secure_endpoint.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/wakeup_fd_posix.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/transport_security.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/channel_connectivity.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gprpp/thd.h

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/call_test_only.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/huffsyms.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/string_posix.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tls_gcc.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/log_windows.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/useful.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/json_token.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/util/json_util.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/slice_buffer.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/resolver/dns/c_ares/dns_resolver_ares.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/slice.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

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 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket_utils.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/sync_windows.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tmpfile_posix.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy/subchannel_list.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/transport_security_interface.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tmpfile_msys.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/endpoint_pair.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/string_windows.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/profiling/basic_timers.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/transport.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/avl/avl.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/tls.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/http/format_request.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/metadata_batch.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket_mutator.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_client_posix.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/bin_encoder.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/ev_epollex_linux.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/connector.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/oauth2/oauth2_credentials.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/timer.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/spinlock.h
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/status_conversion.cc
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 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/compression/message_compress.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/transport/auth_filters.h

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/exec_ctx.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/json/json_writer.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/resolve_address.h

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/executor.cc

1.14.1/src/core/lib/iomgr/executor.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/sockaddr_posix.h

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_client_windows.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/http2/transport/incoming_metadata.cc

1.14.1/src/core/ext/transport/http2/transport/incoming_metadata.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/http2/transport/hpack_table.h

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1.14.1/src/core/ext/transport/http2/transport/frame_data.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/init_unsecure.cc

1.14.1/src/core/lib/surface/init_unsecure.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket_utils_linux.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/http2/transport/frame_rst_stream.h

1.14.1/src/core/ext/transport/http2/transport/frame_rst_stream.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/compression.h

1.14.1/include/grpc/compression.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/byte_buffer_reader.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/event_string.cc

1.14.1/src/core/lib/surface/event_string.cc


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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/include/grpc/support/atm_gcc_atomic.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/sync.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/http/httpcli.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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/* =====

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Found in path(s):

```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/rsa/padding.c

```

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_wrapper_fallback.cc
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3name_test.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_int.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/ext_dat.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_purp.c

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/src/core/lib/channel/channelz.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_iovec_record_protocol.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/src/core/lib/iomgr/pollset_custom.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/src/core/tsi/ssl/session_cache/ssl_session.h

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/endpoint_cfstream.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_handshaker_client.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/encrypt/aes_gcm.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset_set.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_frame_protector.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_server.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_tsi_handshaker.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/endpoint_cfstream.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/encrypt/gsec.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_tsi_utils.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/frame_handler.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_server_custom.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/security_connector/local_security_connector.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_frame_protector.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/resolve_address.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_client_custom.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/load_reporting/registered_opencensus_objects.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/alts_credentials.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_privacy_integrity_record_protocol.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/grpc_alts_credentials_client_options.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/local/local_credentials.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/ssl/session_cache/ssl_session_boringssl.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/ssl/session_cache/ssl_session_cache.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/client/authority.h

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_client_cfstream.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_integrity_only_record_protocol.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_handshaker_service_api.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_custom.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr_uv.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_unseal_privacy_integrity_crypter.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/check_gcp_environment_linux.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_tsi_utils.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/timer_custom.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/frame_handler.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/http/client_authority_filter.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_tsi_handshaker_private.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_client.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/sockaddr_custom.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/ssl/session_cache/ssl_session_openssl.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_iovec_record_protocol.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_counter.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_crypter.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/ssl/session_cache/ssl_session_cache.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_handshaker_service_api.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_handshaker_service_api_util.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/security_connector/alts_security_connector.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/http/client_authority_filter.cc

- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/check_gcp_environment.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_record_protocol_common.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/resolve_address_custom.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/thd_id.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr_internal.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/timer.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/transport_security_common_api.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/iomgr_custom.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/local/local_credentials.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/security_connector/local_security_connector.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/grpc_alts_credentials_options.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_zero_copy_grpc_protector.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/local_transport_security.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_record_protocol.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_record_protocol_crypter_common.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_zero_copy_grpc_protector.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/check_gcp_environment.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/gevent_util.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_record_protocol_crypter_common.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/check_gcp_environment_no_op.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_counter.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset_set_custom.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset_custom.h
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/tsi/alts/crypt/gsec.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/alloc.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_tsi_handshaker.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/resolve_address_custom.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_privacy_integrity_record_protocol.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/alts_credentials.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_seal_privacy_integrity_crypter.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/grpc_alts_credentials_server_options.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/check_gcp_environment_windows.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/client/authority.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/error_cfstream.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/cfstream_handle.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_tsi_event.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client_channel/client_channel_channelz.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp_custom.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/frame_protector/alts_crypter.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_tsi_event.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/transport_security_common_api.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/alts/grpc_alts_credentials_options.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/local_transport_security.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/security_connector/alts_security_connector.h

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/cfstream_handle.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/error_cfstream.cc

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_integrity_only_record_protocol.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts/handshaker/alts_handshaker_service_api_util.cc
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/util/bot/update_clang.py

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 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
 1.14.1/third_party/boringssl/crypto/dsa/dsa_test.cc
 * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
 1.14.1/third_party/boringssl/include/openssl/dsa.h

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- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/ssl/d1_pkt.cc
- * /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/ssl/d1_both.cc

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/ssl\_cipher.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/ssl\_x509.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/ssl\_lib.cc

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/\* inftrees.c -- generate Huffman trees for efficient decoding  
\* Copyright (C) 1995-2017 Mark Adler  
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/inftrees.c

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/\* inffas86.c is a hand tuned assembler version of  
\*  
\* inffast.c -- fast decoding  
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\*  
\* Dec-29-2003 -- I added AMD64 inflate asm support. This version is also  
\* slightly quicker on x86 systems because, instead of using rep movsb to copy  
\* data, it uses rep movsw, which moves data in 2-byte chunks instead of single  
\* bytes. I've tested the AMD64 code on a Fedora Core 1 + the x86\_64 updates  
\* from [http://fedora.linux.duke.edu/fc1\\_x86\\_64](http://fedora.linux.duke.edu/fc1_x86_64)  
\* which is running on an Athlon 64 3000+ / Gigabyte GA-K8VT800M system with  
\* 1GB ram. The 64-bit version is about 4% faster than the 32-bit version,  
\* when decompressing mozilla-source-1.3.tar.gz.  
\*  
\* Mar-13-2003 -- Most of this is derived from inffast.S which is derived from  
\* the gcc -S output of zlib-1.2.0/inffast.c. Zlib-1.2.0 is in beta release at  
\* the moment. I have successfully compiled and tested this code with gcc2.96,  
\* gcc3.2, icc5.0, msvc6.0. It is very close to the speed of inffast.S  
\* compiled with gcc -DNO\_MMX, but inffast.S is still faster on the P3 with MMX  
\* enabled. I will attempt to merge the MMX code into this version. Newer  
\* versions of this and inffast.S can be found at

\* <http://www.eetbeetee.com/zlib/> and <http://www.charm.net/~christop/zlib/>

\*/

Found in path(s):

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/contrib/inflate86/inffas86.c

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\*/

/\* Use the google proprietary format which is:

{ <kid1>: <x5091>, <kid2>: <x5092>, ... } \*/

Found in path(s):

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/jwt/jwt\_verifier.cc

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1.14.1/third\_party/boringssl/crypto/rsa\_extra/rsa\_asn1.c  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/crypto/dh/dh\_asn1.c  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/crypto/dsa/dsa\_asn1.c  
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1.14.1/third\_party/boringssl/ssl/dtls\_method.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/ssl/d1\_lib.cc

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

1.14.1/third\_party/boringssl/include/openssl/ssl3.h

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```

```
1.14.1/third_party/boringssl/crypto/cpu-ppc64le.c
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/fuzz/pkcs8.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/fipsmodule/modes/polyval.c
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/x509/internal.h
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/decrepit/x509/x509_decrepit.c
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/ssl/tls13_both.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/obj/obj_test.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/curve25519/spake25519_test.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/curve25519/spake25519.c
```

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```

```
1.14.1/third_party/boringssl/fuzz/ssl_ctx_api.cc
```

```
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```

```
1.14.1/third_party/boringssl/ssl/tls13_server.cc
```

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```
1.14.1/third_party/boringssl/crypto/poly1305/internal.h
```

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```
1.14.1/third_party/boringssl/crypto/pool/internal.h
```

```
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```
1.14.1/third_party/boringssl/fuzz/read_pem.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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```
1.14.1/third_party/boringssl/decrepit/evp/evp_do_all.c
```

- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/decrepit/evp/dss1.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/tls13\_client.cc
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- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/asn1\_mac.h
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- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/tls13\_enc.cc
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- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/fuzz/spki.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/decrepit/ripemd/ripemd\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/fuzz/server.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bytestring/asn1\_compat.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/fuzz/client.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/ec/p256-x86\_64\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/pool/pool\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/asn1\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/pool/pool.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/fuzz/privkey.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/obj\_mac.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/test/gtest\_main.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/fuzz/session.cc

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/ecdh/ecdh_test.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/cpu-arm-linux.c
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/x509v3/v3_pcia.c
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/* infback9.c -- inflate deflate64 data using a call-back interface
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```

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1.14.1/third_party/boringssl/crypto/x509/x_algor.c

```

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/* trees.c -- output deflated data using Huffman coding
* Copyright (C) 1995-2017 Jean-loup Gailly
* detect_data_type() function provided freely by Cosmin Truta, 2006
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```

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/* gzclose.c -- zlib gzclose() function
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/tls1.h

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1.14.1/third_party/boringssl/crypto/pkcs8/internal.h
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1.14.1/third_party/boringssl/crypto/x509/x509spki.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_akeya.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/pkcs8/p5_pbev2.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509/x_x509a.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/pkcs8/pkcs8_x509.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_prn.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509/x509_trs.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/pkcs8.h
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1.14.1/third_party/boringssl/crypto/pkcs8/pkcs8.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_akey.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_pku.c
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1.14.1/third_party/boringssl/crypto/x509v3/v3_bcons.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_bitst.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_skey.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_enum.c
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# Label: "Entrust.net Premium 2048 Secure Server CA"  
# Serial: 946069240  
# MD5 Fingerprint: ee:29:31:bc:32:7e:9a:e6:e8:b5:f7:51:b4:34:71:90  
# SHA1 Fingerprint: 50:30:06:09:1d:97:d4:f5:ae:39:f7:cb:e7:92:7d:7d:65:2d:34:31  
# SHA256 Fingerprint:  
6d:c4:71:72:e0:1c:bc:b0:bf:62:58:0d:89:5f:e2:b8:ac:9a:d4:f8:73:80:1e:0c:10:b9:c8:37:d2:1e:b1:77

-----BEGIN CERTIFICATE-----

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# SHA1 Fingerprint: 02:fa:f3:e2:91:43:54:68:60:78:57:69:4d:f5:e4:5b:68:85:18:68  
# SHA256 Fingerprint:  
68:7f:a4:51:38:22:78:ff:f0:c8:b1:1f:8d:43:d5:76:67:1c:6e:b2:bc:ea:b4:13:fb:83:d9:65:d0:6d:2f:f2  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: CN=Entrust Root Certification Authority O=Entrust, Inc. OU=www.entrust.net/CPS is incorporated by  
reference/(c) 2006 Entrust, Inc.  
# Subject: CN=Entrust Root Certification Authority O=Entrust, Inc. OU=www.entrust.net/CPS is incorporated by  
reference/(c) 2006 Entrust, Inc.  
# Label: "Entrust Root Certification Authority"  
# Serial: 1164660820  
# MD5 Fingerprint: d6:a5:c3:ed:5d:dd:3e:00:c1:3d:87:92:1f:1d:3f:e4  
# SHA1 Fingerprint: b3:1e:b1:b7:40:e3:6c:84:02:da:dc:37:d4:4d:f5:d4:67:49:52:f9  
# SHA256 Fingerprint:  
73:c1:76:43:4f:1b:c6:d5:ad:f4:5b:0e:76:e7:27:28:7c:8d:e5:76:16:c1:e6:e6:14:1a:2b:2c:bc:7d:8e:4c  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=GeoTrust Global CA O=GeoTrust Inc.  
# Subject: CN=GeoTrust Global CA O=GeoTrust Inc.  
# Label: "GeoTrust Global CA"  
# Serial: 144470  
# MD5 Fingerprint: f7:75:ab:29:fb:51:4e:b7:77:5e:ff:05:3c:99:8e:f5  
# SHA1 Fingerprint: de:28:f4:a4:ff:e5:b9:2f:a3:c5:03:d1:a3:49:a7:f9:96:2a:82:12  
# SHA256 Fingerprint:  
ff:85:6a:2d:25:1d:cd:88:d3:66:56:f4:50:12:67:98:cf:ab:aa:de:40:79:9c:72:2d:e4:d2:b5:db:36:a7:3a  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=GeoTrust Universal CA O=GeoTrust Inc.  
# Subject: CN=GeoTrust Universal CA O=GeoTrust Inc.  
# Label: "GeoTrust Universal CA"  
# Serial: 1  
# MD5 Fingerprint: 92:65:58:8b:a2:1a:31:72:73:68:5c:b4:a5:7a:07:48  
# SHA1 Fingerprint: e6:21:f3:35:43:79:05:9a:4b:68:30:9d:8a:2f:74:22:15:87:ec:79  
# SHA256 Fingerprint:  
a0:45:9b:9f:63:b2:25:59:f5:fa:5d:4c:6d:b3:f9:f7:2f:f1:93:42:03:35:78:f0:73:bf:1d:1b:46:cb:b9:12  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: CN=GeoTrust Universal CA 2 O=GeoTrust Inc.  
# Subject: CN=GeoTrust Universal CA 2 O=GeoTrust Inc.  
# Label: "GeoTrust Universal CA 2"  
# Serial: 1  
# MD5 Fingerprint: 34:fc:b8:d0:36:db:9e:14:b3:c2:f2:db:8f:e4:94:c7  
# SHA1 Fingerprint: 37:9a:19:7b:41:85:45:35:0c:a6:03:69:f3:3c:2e:af:47:4f:20:79  
# SHA256 Fingerprint:  
a0:23:4f:3b:c8:52:7c:a5:62:8e:ec:81:ad:5d:69:89:5d:a5:68:0d:c9:1d:1c:b8:47:7f:33:f8:78:b9:5b:0b

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=Visa eCommerce Root O=VISA OU=Visa International Service Association
# Subject: CN=Visa eCommerce Root O=VISA OU=Visa International Service Association
# Label: "Visa eCommerce Root"
# Serial: 25952180776285836048024890241505565794
# MD5 Fingerprint: fc:11:b8:d8:08:93:30:00:6d:23:f9:7e:eb:52:1e:02
# SHA1 Fingerprint: 70:17:9b:86:8c:00:a4:fa:60:91:52:22:3f:9f:3e:32:bd:e0:05:62
# SHA256 Fingerprint:
69:fa:c9:bd:55:fb:0a:c7:8d:53:bb:ee:5c:f1:d5:97:98:9f:d0:aa:ab:20:a2:51:51:bd:f1:73:3e:e7:d1:22

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=AAA Certificate Services O=Comodo CA Limited  
# Subject: CN=AAA Certificate Services O=Comodo CA Limited  
# Label: "Comodo AAA Services root"  
# Serial: 1  
# MD5 Fingerprint: 49:79:04:b0:eb:87:19:ac:47:b0:bc:11:51:9b:74:d0  
# SHA1 Fingerprint: d1:eb:23:a4:6d:17:d6:8f:d9:25:64:c2:f1:f1:60:17:64:d8:e3:49  
# SHA256 Fingerprint:  
d7:a7:a0:fb:5d:7e:27:31:d7:71:e9:48:4e:bc:de:f7:1d:5f:0c:3e:0a:29:48:78:2b:c8:3e:e0:ea:69:9e:f4  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=QuoVadis Root Certification Authority O=QuoVadis Limited OU=Root Certification Authority  
# Subject: CN=QuoVadis Root Certification Authority O=QuoVadis Limited OU=Root Certification Authority  
# Label: "QuoVadis Root CA"

# Serial: 985026699

# MD5 Fingerprint: 27:de:36:fe:72:b7:00:03:00:9d:f4:f0:1e:6c:04:24

# SHA1 Fingerprint: de:3f:40:bd:50:93:d3:9b:6c:60:f6:da:bc:07:62:01:00:89:76:c9

# SHA256 Fingerprint:

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-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=QuoVadis Root CA 2 O=QuoVadis Limited  
# Subject: CN=QuoVadis Root CA 2 O=QuoVadis Limited  
# Label: "QuoVadis Root CA 2"  
# Serial: 1289

# MD5 Fingerprint: 5e:39:7b:dd:f8:ba:ec:82:e9:ac:62:ba:0c:54:00:2b  
# SHA1 Fingerprint: ca:3a:fb:cf:12:40:36:4b:44:b2:16:20:88:80:48:39:19:93:7c:f7  
# SHA256 Fingerprint:  
85:a0:dd:7d:d7:20:ad:b7:ff:05:f8:3d:54:2b:20:9d:c7:ff:45:28:f7:d6:77:b1:83:89:fe:a5:e5:c4:9e:86  
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-----END CERTIFICATE-----

# Issuer: CN=QuoVadis Root CA 3 O=QuoVadis Limited  
# Subject: CN=QuoVadis Root CA 3 O=QuoVadis Limited  
# Label: "QuoVadis Root CA 3"  
# Serial: 1478  
# MD5 Fingerprint: 31:85:3c:62:94:97:63:b9:aa:fd:89:4e:af:6f:e0:cf  
# SHA1 Fingerprint: 1f:49:14:f7:d8:74:95:1d:dd:ae:02:c0:be:fd:3a:2d:82:75:51:85  
# SHA256 Fingerprint:  
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-----END CERTIFICATE-----

# Issuer: O=SECOM Trust.net OU=Security Communication RootCA1  
# Subject: O=SECOM Trust.net OU=Security Communication RootCA1  
# Label: "Security Communication Root CA"  
# Serial: 0  
# MD5 Fingerprint: f1:bc:63:6a:54:e0:b5:27:f5:cd:e7:1a:e3:4d:6e:4a  
# SHA1 Fingerprint: 36:b1:2b:49:f9:81:9e:d7:4c:9e:bc:38:0f:c6:56:8f:5d:ac:b2:f7  
# SHA256 Fingerprint:  
e7:5e:72:ed:9f:56:0e:ec:6e:b4:80:00:73:a4:3f:c3:ad:19:19:5a:39:22:82:01:78:95:97:4a:99:02:6b:6c  
-----BEGIN CERTIFICATE-----

MIIDWjCCAkKgAwIBAgIBADANBgkqhkiG9w0BAQUFAADBQMQswCQYDVQQGEwJKUDEY  
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-----END CERTIFICATE-----

# Issuer: CN=Sonera Class2 CA O=Sonera  
# Subject: CN=Sonera Class2 CA O=Sonera  
# Label: "Sonera Class 2 Root CA"  
# Serial: 29  
# MD5 Fingerprint: a3:ec:75:0f:2e:88:df:fa:48:01:4e:0b:5c:48:6f:fb  
# SHA1 Fingerprint: 37:f7:6d:e6:07:7c:90:c5:b1:3e:93:1a:b7:41:10:b4:f2:e4:9a:27  
# SHA256 Fingerprint:  
79:08:b4:03:14:c1:38:10:0b:51:8d:07:35:80:7f:fb:fc:f8:51:8a:00:95:33:71:05:ba:38:6b:15:3d:d9:27  
-----BEGIN CERTIFICATE-----

MIIDIDCCAgigAwIBAgIBHTANBgkqhkiG9w0BAQUFAADA5MQswCQYDVQQGEwJGSTEP  
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-----END CERTIFICATE-----

# Issuer: CN=XRamp Global Certification Authority O=XRamp Security Services Inc  
OU=www.xrampsecurity.com

# Subject: CN=XRamp Global Certification Authority O=XRamp Security Services Inc  
OU=www.xrampsecurity.com  
# Label: "XRamp Global CA Root"  
# Serial: 107108908803651509692980124233745014957  
# MD5 Fingerprint: a1:0b:44:b3:ca:10:d8:00:6e:9d:0f:d8:0f:92:0a:d1  
# SHA1 Fingerprint: b8:01:86:d1:eb:9c:86:a5:41:04:cf:30:54:f3:4c:52:b7:e5:58:c6  
# SHA256 Fingerprint:  
ce:cd:dc:90:50:99:d8:da:df:c5:b1:d2:09:b7:37:cb:e2:c1:8c:fb:2c:10:c0:ff:0b:cf:0d:32:86:fc:1a:a2  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: O=The Go Daddy Group, Inc. OU=Go Daddy Class 2 Certification Authority  
# Subject: O=The Go Daddy Group, Inc. OU=Go Daddy Class 2 Certification Authority  
# Label: "Go Daddy Class 2 CA"  
# Serial: 0  
# MD5 Fingerprint: 91:de:06:25:ab:da:fd:32:17:0c:bb:25:17:2a:84:67  
# SHA1 Fingerprint: 27:96:ba:e6:3f:18:01:e2:77:26:1b:a0:d7:77:70:02:8f:20:ee:e4  
# SHA256 Fingerprint:  
c3:84:6b:f2:4b:9e:93:ca:64:27:4c:0e:c6:7c:1e:cc:5e:02:4f:fc:ac:d2:d7:40:19:35:0e:81:fe:54:6a:e4  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: O=Starfield Technologies, Inc. OU=Starfield Class 2 Certification Authority  
# Subject: O=Starfield Technologies, Inc. OU=Starfield Class 2 Certification Authority  
# Label: "Starfield Class 2 CA"  
# Serial: 0  
# MD5 Fingerprint: 32:4a:4b:bb:c8:63:69:9b:be:74:9a:c6:dd:1d:46:24  
# SHA1 Fingerprint: ad:7e:1c:28:b0:64:ef:8f:60:03:40:20:14:c3:d0:e3:37:0e:b5:8a  
# SHA256 Fingerprint:  
14:65:fa:20:53:97:b8:76:fa:a6:f0:a9:95:8e:55:90:e4:0f:cc:7f:aa:4f:b7:c2:c8:67:75:21:fb:5f:b6:58  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: O=Government Root Certification Authority

# Subject: O=Government Root Certification Authority

# Label: "Taiwan GRCA"

# Serial: 42023070807708724159991140556527066870

# MD5 Fingerprint: 37:85:44:53:32:45:1f:20:f0:f3:95:e1:25:c4:43:4e

# SHA1 Fingerprint: f4:8b:11:bf:de:ab:be:94:54:20:71:e6:41:de:6b:be:88:2b:40:b9

# SHA256 Fingerprint:

76:00:29:5e:ef:e8:5b:9e:1f:d6:24:db:76:06:2a:aa:ae:59:81:8a:54:d2:77:4c:d4:c0:b2:c0:11:31:e1:b3

-----BEGIN CERTIFICATE-----

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# Issuer: CN=DigiCert Assured ID Root CA O=DigiCert Inc OU=www.digicert.com

# Subject: CN=DigiCert Assured ID Root CA O=DigiCert Inc OU=www.digicert.com

# Label: "DigiCert Assured ID Root CA"



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-----END CERTIFICATE-----

# Issuer: CN=DigiCert High Assurance EV Root CA O=DigiCert Inc OU=www.digicert.com  
# Subject: CN=DigiCert High Assurance EV Root CA O=DigiCert Inc OU=www.digicert.com  
# Label: "DigiCert High Assurance EV Root CA"  
# Serial: 3553400076410547919724730734378100087  
# MD5 Fingerprint: d4:74:de:57:5c:39:b2:d3:9c:85:83:c5:c0:65:49:8a  
# SHA1 Fingerprint: 5f:b7:ee:06:33:e2:59:db:ad:0c:4c:9a:e6:d3:8f:1a:61:c7:dc:25  
# SHA256 Fingerprint:  
74:31:e5:f4:c3:c1:ce:46:90:77:4f:0b:61:e0:54:40:88:3b:a9:a0:1e:d0:0b:a6:ab:d7:80:6e:d3:b1:18:cf

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-----END CERTIFICATE-----

# Issuer: CN=Class 2 Primary CA O=Certplus  
# Subject: CN=Class 2 Primary CA O=Certplus  
# Label: "Certplus Class 2 Primary CA"  
# Serial: 17770208045934040241468760488327595043  
# MD5 Fingerprint: 88:2c:8c:52:b8:a2:3c:f3:f7:bb:03:ea:ae:ac:42:0b

# SHA1 Fingerprint: 74:20:74:41:72:9c:dd:92:ec:79:31:d8:23:10:8d:c2:81:92:e2:bb  
# SHA256 Fingerprint:  
0f:99:3c:8a:ef:97:ba:af:56:87:14:0e:d5:9a:d1:82:1b:b4:af:ac:f0:aa:9a:58:b5:d5:7a:33:8a:3a:fb:cb  
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-----END CERTIFICATE-----

# Issuer: CN=DST Root CA X3 O=Digital Signature Trust Co.  
# Subject: CN=DST Root CA X3 O=Digital Signature Trust Co.  
# Label: "DST Root CA X3"  
# Serial: 91299735575339953335919266965803778155  
# MD5 Fingerprint: 41:03:52:dc:0f:f7:50:1b:16:f0:02:8e:ba:6f:45:c5  
# SHA1 Fingerprint: da:c9:02:4f:54:d8:f6:df:94:93:5f:b1:73:26:38:ca:6a:d7:7c:13  
# SHA256 Fingerprint:  
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-----END CERTIFICATE-----

# Issuer: CN=SwissSign Gold CA - G2 O=SwissSign AG  
# Subject: CN=SwissSign Gold CA - G2 O=SwissSign AG  
# Label: "SwissSign Gold CA - G2"  
# Serial: 13492815561806991280  
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# SHA1 Fingerprint: d8:c5:38:8a:b7:30:1b:1b:6e:d4:7a:e6:45:25:3a:6f:9f:1a:27:61  
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-----END CERTIFICATE-----

# Issuer: CN=SwissSign Silver CA - G2 O=SwissSign AG  
# Subject: CN=SwissSign Silver CA - G2 O=SwissSign AG  
# Label: "SwissSign Silver CA - G2"  
# Serial: 5700383053117599563  
# MD5 Fingerprint: e0:06:a1:c9:7d:cf:c9:fc:0d:c0:56:75:96:d8:62:13  
# SHA1 Fingerprint: 9b:aa:e5:9f:56:ee:21:cb:43:5a:be:25:93:df:a7:f0:40:d1:1d:cb  
# SHA256 Fingerprint:  
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-----END CERTIFICATE-----

# Issuer: CN=GeoTrust Primary Certification Authority O=GeoTrust Inc.  
# Subject: CN=GeoTrust Primary Certification Authority O=GeoTrust Inc.  
# Label: "GeoTrust Primary Certification Authority"  
# Serial: 32798226551256963324313806436981982369  
# MD5 Fingerprint: 02:26:c3:01:5e:08:30:37:43:a9:d0:7d:cf:37:e6:bf

# SHA1 Fingerprint: 32:3c:11:8e:1b:f7:b8:b6:52:54:e2:e2:10:0d:d6:02:90:37:f0:96  
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37:d5:10:06:c5:12:ea:ab:62:64:21:f1:ec:8c:92:01:3f:c5:f8:2a:e9:8e:e5:33:eb:46:19:b8:de:b4:d0:6c  
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# Issuer: CN=thawte Primary Root CA O=thawte, Inc. OU=Certification Services Division/(c) 2006 thawte, Inc. -  
For authorized use only  
# Subject: CN=thawte Primary Root CA O=thawte, Inc. OU=Certification Services Division/(c) 2006 thawte, Inc. -  
For authorized use only  
# Label: "thawte Primary Root CA"  
# Serial: 69529181992039203566298953787712940909  
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-----END CERTIFICATE-----

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G5 O=VeriSign, Inc. OU=VeriSign Trust  
Network/(c) 2006 VeriSign, Inc. - For authorized use only  
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G5 O=VeriSign, Inc. OU=VeriSign Trust  
Network/(c) 2006 VeriSign, Inc. - For authorized use only  
# Label: "VeriSign Class 3 Public Primary Certification Authority - G5"  
# Serial: 33037644167568058970164719475676101450  
# MD5 Fingerprint: cb:17:e4:31:67:3e:e2:09:fe:45:57:93:f3:0a:fa:1c  
# SHA1 Fingerprint: 4e:b6:d5:78:49:9b:1c:cf:5f:58:1e:ad:56:be:3d:9b:67:44:a5:e5  
# SHA256 Fingerprint:

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-----END CERTIFICATE-----

# Issuer: CN=SecureTrust CA O=SecureTrust Corporation  
# Subject: CN=SecureTrust CA O=SecureTrust Corporation

# Label: "SecureTrust CA"

# Serial: 17199774589125277788362757014266862032

# MD5 Fingerprint: dc:32:c3:a7:6d:25:57:c7:68:09:9d:ea:2d:a9:a2:d1

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# Issuer: CN=Secure Global CA O=SecureTrust Corporation  
# Subject: CN=Secure Global CA O=SecureTrust Corporation

# Label: "Secure Global CA"

# Serial: 9751836167731051554232119481456978597

# MD5 Fingerprint: cf:f4:27:0d:d4:ed:dc:65:16:49:6d:3d:da:bf:6e:de

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# Issuer: CN=COMODO Certification Authority O=COMODO CA Limited  
# Subject: CN=COMODO Certification Authority O=COMODO CA Limited  
# Label: "COMODO Certification Authority"  
# Serial: 104350513648249232941998508985834464573  
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# SHA256 Fingerprint:  
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ZQ==

-----END CERTIFICATE-----

# Issuer: CN=Network Solutions Certificate Authority O=Network Solutions L.L.C.  
# Subject: CN=Network Solutions Certificate Authority O=Network Solutions L.L.C.  
# Label: "Network Solutions Certificate Authority"  
# Serial: 116697915152937497490437556386812487904  
# MD5 Fingerprint: d3:f3:a6:16:c0:fa:6b:1d:59:b1:2d:96:4d:0e:11:2e  
# SHA1 Fingerprint: 74:f8:a3:c3:ef:e7:b3:90:06:4b:83:90:3c:21:64:60:20:e5:df:ce  
# SHA256 Fingerprint:

15:f0:ba:00:a3:ac:7a:f3:ac:88:4c:07:2b:10:11:a0:77:bd:77:c0:97:f4:01:64:b2:f8:59:8a:bd:83:86:0c

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=COMODO ECC Certification Authority O=COMODO CA Limited  
# Subject: CN=COMODO ECC Certification Authority O=COMODO CA Limited  
# Label: "COMODO ECC Certification Authority"  
# Serial: 41578283867086692638256921589707938090  
# MD5 Fingerprint: 7c:62:ff:74:9d:31:53:5e:68:4a:d5:78:aa:1e:bf:23  
# SHA1 Fingerprint: 9f:74:4e:9f:2b:4d:ba:ec:0f:31:2c:50:b6:56:3b:8e:2d:93:c3:11  
# SHA256 Fingerprint:

17:93:92:7a:06:14:54:97:89:ad:ce:2f:8f:34:f7:f0:b6:6d:0f:3a:e3:a3:b8:4d:21:ec:15:db:ba:4f:ad:c7

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# Issuer: CN=Certigna O=Dhimyotis  
# Subject: CN=Certigna O=Dhimyotis  
# Label: "Certigna"  
# Serial: 18364802974209362175  
# MD5 Fingerprint: ab:57:a6:5b:7d:42:82:19:b5:d8:58:26:28:5e:fd:ff  
# SHA1 Fingerprint: b1:2e:13:63:45:86:a4:6f:1a:b2:60:68:37:58:2d:c4:ac:fd:94:97  
# SHA256 Fingerprint:  
e3:b6:a2:db:2e:d7:ce:48:84:2f:7a:c5:32:41:c7:b7:1d:54:14:4b:fb:40:c1:1f:3f:1d:0b:42:f5:ee:a1:2d  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: CN=Deutsche Telekom Root CA 2 O=Deutsche Telekom AG OU=T-TeleSec Trust Center  
# Subject: CN=Deutsche Telekom Root CA 2 O=Deutsche Telekom AG OU=T-TeleSec Trust Center  
# Label: "Deutsche Telekom Root CA 2"  
# Serial: 38  
# MD5 Fingerprint: 74:01:4a:91:b1:08:c4:58:ce:47:cd:f0:dd:11:53:08  
# SHA1 Fingerprint: 85:a4:08:c0:9c:19:3e:5d:51:58:7d:cd:d6:13:30:fd:8c:de:37:bf  
# SHA256 Fingerprint:  
b6:19:1a:50:d0:c3:97:7f:7d:a9:9b:cd:aa:c8:6a:22:7d:ae:b9:67:9e:c7:0b:a3:b0:c9:d9:22:71:c1:70:d3  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: CN=Cybertrust Global Root O=Cybertrust, Inc  
# Subject: CN=Cybertrust Global Root O=Cybertrust, Inc  
# Label: "Cybertrust Global Root"  
# Serial: 4835703278459682877484360  
# MD5 Fingerprint: 72:e4:4a:87:e3:69:40:80:77:ea:bc:e3:f4:ff:f0:e1  
# SHA1 Fingerprint: 5f:43:e5:b1:bf:f8:78:8c:ac:1c:c7:ca:4a:9a:c6:22:2b:cc:34:c6  
# SHA256 Fingerprint:  
96:0a:df:00:63:e9:63:56:75:0c:29:65:dd:0a:08:67:da:0b:9c:bd:6e:77:71:4a:ea:fb:23:49:ab:39:3d:a3  
-----BEGIN CERTIFICATE-----

MIIDoTCCAomgAwIBAgILBAAAAAABD4WqLUgwDQYJKoZIhvcNAQEFBQAwwOzEYMBYGA1UEChMPQ3liZXJ0cnVzdCwgSW5jMR8wHQYDVQDEExZDeWJlcnRydXN0IEdsb2Jh  
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-----END CERTIFICATE-----

# Issuer: O=Chunghwa Telecom Co., Ltd. OU=ePKI Root Certification Authority  
# Subject: O=Chunghwa Telecom Co., Ltd. OU=ePKI Root Certification Authority  
# Label: "ePKI Root Certification Authority"





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-----END CERTIFICATE-----

# Issuer: CN=thawte Primary Root CA - G2 O=thawte, Inc. OU=(c) 2007 thawte, Inc. - For authorized use only  
# Subject: CN=thawte Primary Root CA - G2 O=thawte, Inc. OU=(c) 2007 thawte, Inc. - For authorized use only  
# Label: "thawte Primary Root CA - G2"  
# Serial: 71758320672825410020661621085256472406  
# MD5 Fingerprint: 74:9d:ea:60:24:c4:fd:22:53:3e:cc:3a:72:d9:29:4f  
# SHA1 Fingerprint: aa:db:bc:22:23:8f:c4:01:a1:27:bb:38:dd:f4:1d:db:08:9e:f0:12  
# SHA256 Fingerprint:  
a4:31:0d:50:af:18:a6:44:71:90:37:2a:86:af:af:8b:95:1f:fb:43:1d:83:7f:1e:56:88:b4:59:71:ed:15:57

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=thawte Primary Root CA - G3 O=thawte, Inc. OU=Certification Services Division/(c) 2008 thawte, Inc. - For authorized use only  
# Subject: CN=thawte Primary Root CA - G3 O=thawte, Inc. OU=Certification Services Division/(c) 2008 thawte, Inc. - For authorized use only  
# Label: "thawte Primary Root CA - G3"  
# Serial: 127614157056681299805556476275995414779  
# MD5 Fingerprint: fb:1b:5d:43:8a:94:cd:44:c6:76:f2:43:4b:47:e7:31  
# SHA1 Fingerprint: f1:8b:53:8d:1b:e9:03:b6:a6:f0:56:43:5b:17:15:89:ca:f3:6b:f2  
# SHA256 Fingerprint:  
4b:03:f4:58:07:ad:70:f2:1b:fc:2c:ae:71:c9:fd:e4:60:4c:06:4c:f5:ff:b6:86:ba:e5:db:aa:d7:fd:d3:4c

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-----END CERTIFICATE-----

# Issuer: CN=GeoTrust Primary Certification Authority - G2 O=GeoTrust Inc. OU=(c) 2007 GeoTrust Inc. - For  
authorized use only  
# Subject: CN=GeoTrust Primary Certification Authority - G2 O=GeoTrust Inc. OU=(c) 2007 GeoTrust Inc. - For  
authorized use only  
# Label: "GeoTrust Primary Certification Authority - G2"  
# Serial: 80682863203381065782177908751794619243  
# MD5 Fingerprint: 01:5e:d8:6b:bd:6f:3d:8e:a1:31:f8:12:e0:98:73:6a  
# SHA1 Fingerprint: 8d:17:84:d5:37:f3:03:7d:ec:70:fe:57:8b:51:9a:99:e6:10:d7:b0  
# SHA256 Fingerprint:  
5e:db:7a:c4:3b:82:a0:6a:87:61:e8:d7:be:49:79:eb:f2:61:1f:7d:d7:9b:f9:1c:1c:6b:56:6a:21:9e:d7:66  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----











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-----END CERTIFICATE-----

# Issuer: CN=Microsec e-Szigno Root CA 2009 O=Microsec Ltd.  
# Subject: CN=Microsec e-Szigno Root CA 2009 O=Microsec Ltd.  
# Label: "Microsec e-Szigno Root CA 2009"  
# Serial: 14014712776195784473  
# MD5 Fingerprint: f8:49:f4:03:bc:44:2d:83:be:48:69:7d:29:64:fc:b1  
# SHA1 Fingerprint: 89:df:74:fe:5c:f4:0f:4a:80:f9:e3:37:7d:54:da:91:e1:01:31:8e  
# SHA256 Fingerprint:  
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-----END CERTIFICATE-----

# Issuer: CN=GlobalSign O=GlobalSign OU=GlobalSign Root CA - R3  
# Subject: CN=GlobalSign O=GlobalSign OU=GlobalSign Root CA - R3

# Label: "GlobalSign Root CA - R3"  
# Serial: 4835703278459759426209954  
# MD5 Fingerprint: c5:df:b8:49:ca:05:13:55:ee:2d:ba:1a:c3:3e:b0:28  
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# SHA256 Fingerprint:  
cb:b5:22:d7:b7:f1:27:ad:6a:01:13:86:5b:df:1c:d4:10:2e:7d:07:59:af:63:5a:7c:f4:72:0d:c9:63:c5:3b  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068  
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068  
# Label: "Autoridad de Certificacion Firmaprofesional CIF A62634068"  
# Serial: 6047274297262753887  
# MD5 Fingerprint: 73:3a:74:7a:ec:bb:a3:96:a6:c2:e4:e2:c8:9b:c0:c3  
# SHA1 Fingerprint: ae:c5:fb:3f:c8:e1:bf:c4:e5:4f:03:07:5a:9a:e8:00:b7:f7:b6:fa  
# SHA256 Fingerprint:  
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-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=Izenpe.com O=IZENPE S.A.

# Subject: CN=Izenpe.com O=IZENPE S.A.

# Label: "Izenpe.com"

# Serial: 917563065490389241595536686991402621

# MD5 Fingerprint: a6:b0:cd:85:80:da:5c:50:34:a3:39:90:2f:55:67:73

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# SHA256 Fingerprint:

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-----END CERTIFICATE-----

# Issuer: CN=Global Chambersign Root - 2008 O=AC Camerfirma S.A.  
# Subject: CN=Global Chambersign Root - 2008 O=AC Camerfirma S.A.  
# Label: "Global Chambersign Root - 2008"  
# Serial: 14541511773111788494  
# MD5 Fingerprint: 9e:80:ff:78:01:0c:2e:c1:36:bd:fe:96:90:6e:08:f3  
# SHA1 Fingerprint: 4a:bd:ee:ec:95:0d:35:9c:89:ae:c7:52:a1:2c:5b:29:f6:d6:aa:0c  
# SHA256 Fingerprint:  
13:63:35:43:93:34:a7:69:80:16:a0:d3:24:de:72:28:4e:07:9d:7b:52:20:bb:8f:bd:74:78:16:ee:be:ba:ca

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-----END CERTIFICATE-----

# Issuer: CN=Go Daddy Root Certificate Authority - G2 O=GoDaddy.com, Inc.  
# Subject: CN=Go Daddy Root Certificate Authority - G2 O=GoDaddy.com, Inc.  
# Label: "Go Daddy Root Certificate Authority - G2"  
# Serial: 0  
# MD5 Fingerprint: 80:3a:bc:22:c1:e6:fb:8d:9b:3b:27:4a:32:1b:9a:01  
# SHA1 Fingerprint: 47:be:ab:c9:22:ea:e8:0e:78:78:34:62:a7:9f:45:c2:54:fd:e6:8b  
# SHA256 Fingerprint:  
45:14:0b:32:47:eb:9c:c8:c5:b4:f0:d7:b5:30:91:f7:32:92:08:9e:6e:5a:63:e2:74:9d:d3:ac:a9:19:8e:da

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=Starfield Root Certificate Authority - G2 O=Starfield Technologies, Inc.  
# Subject: CN=Starfield Root Certificate Authority - G2 O=Starfield Technologies, Inc.  
# Label: "Starfield Root Certificate Authority - G2"  
# Serial: 0  
# MD5 Fingerprint: d6:39:81:c6:52:7e:96:69:fc:fc:ca:66:ed:05:f2:96  
# SHA1 Fingerprint: b5:1c:06:7c:ee:2b:0c:3d:f8:55:ab:2d:92:f4:fe:39:d4:e7:0f:0e  
# SHA256 Fingerprint:

2c:e1:cb:0b:f9:d2:f9:e1:02:99:3f:be:21:51:52:c3:b2:dd:0c:ab:de:1c:68:e5:31:9b:83:91:54:db:b7:f5

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=Starfield Services Root Certificate Authority - G2 O=Starfield Technologies, Inc.  
# Subject: CN=Starfield Services Root Certificate Authority - G2 O=Starfield Technologies, Inc.  
# Label: "Starfield Services Root Certificate Authority - G2"  
# Serial: 0  
# MD5 Fingerprint: 17:35:74:af:7b:61:1c:eb:f4:f9:3c:e2:ee:40:f9:a2  
# SHA1 Fingerprint: 92:5a:8f:8d:2c:6d:04:e0:66:5f:59:6a:ff:22:d8:63:e8:25:6f:3f  
# SHA256 Fingerprint:

56:8d:69:05:a2:c8:87:08:a4:b3:02:51:90:ed:cf:ed:b1:97:4a:60:6a:13:c6:e5:29:0f:cb:2a:e6:3e:da:b5





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-----END CERTIFICATE-----

# Issuer: CN=AffirmTrust Premium ECC O=AffirmTrust  
# Subject: CN=AffirmTrust Premium ECC O=AffirmTrust  
# Label: "AffirmTrust Premium ECC"  
# Serial: 8401224907861490260  
# MD5 Fingerprint: 64:b0:09:55:cf:b1:d5:99:e2:be:13:ab:a6:5d:ea:4d  
# SHA1 Fingerprint: b8:23:6b:00:2f:1d:16:86:53:01:55:6c:11:a4:37:ca:eb:ff:c3:bb  
# SHA256 Fingerprint:  
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# Issuer: CN=Certum Trusted Network CA O=Unizeto Technologies S.A. OU=Certum Certification Authority  
# Subject: CN=Certum Trusted Network CA O=Unizeto Technologies S.A. OU=Certum Certification Authority  
# Label: "Certum Trusted Network CA"  
# Serial: 279744  
# MD5 Fingerprint: d5:e9:81:40:c5:18:69:fc:46:2c:89:75:62:0f:aa:78  
# SHA1 Fingerprint: 07:e0:32:e0:20:b7:2c:3f:19:2f:06:28:a2:59:3a:19:a7:0f:06:9e  
# SHA256 Fingerprint:  
5c:58:46:8d:55:f5:8e:49:7e:74:39:82:d2:b5:00:10:b6:d1:65:37:4a:cf:83:a7:d4:a3:2d:b7:68:c4:40:8e  
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# Issuer: CN=TWCA Root Certification Authority O=TAIWAN-CA OU=Root CA  
# Subject: CN=TWCA Root Certification Authority O=TAIWAN-CA OU=Root CA  
# Label: "TWCA Root Certification Authority"  
# Serial: 1  
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# SHA1 Fingerprint: cf:9e:87:6d:d3:eb:fc:42:26:97:a3:b5:a3:7a:a0:76:a9:06:23:48  
# SHA256 Fingerprint:  
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# Issuer: O=SECOM Trust Systems CO.,LTD. OU=Security Communication RootCA2  
# Subject: O=SECOM Trust Systems CO.,LTD. OU=Security Communication RootCA2  
# Label: "Security Communication RootCA2"  
# Serial: 0  
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-----BEGIN CERTIFICATE-----

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# Issuer: CN=EC-ACC O=Agencia Catalana de Certificacio (NIF Q-0801176-I) OU=Serveis Publics de  
Certificacio/Vegeu <https://www.catcert.net/verarrel> (c)03/Jerarquia Entitats de Certificacio Catalanes  
# Subject: CN=EC-ACC O=Agencia Catalana de Certificacio (NIF Q-0801176-I) OU=Serveis Publics de  
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-----END CERTIFICATE-----
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Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011 O=Hellenic Academic and Research
Institutions Cert. Authority
Subject: CN=Hellenic Academic and Research Institutions RootCA 2011 O=Hellenic Academic and Research
Institutions Cert. Authority
Label: "Hellenic Academic and Research Institutions RootCA 2011"
Serial: 0
MD5 Fingerprint: 73:9f:4c:4b:73:5b:79:e9:fa:ba:1c:ef:6e:cb:d5:c9
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SHA256 Fingerprint:
bc:10:4f:15:a4:8b:e7:09:dc:a5:42:a7:e1:d4:b9:df:6f:05:45:27:e8:02:ea:a9:2d:59:54:44:25:8a:fe:71
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# Issuer: CN=Actalis Authentication Root CA O=Actalis S.p.A./03358520967  
# Subject: CN=Actalis Authentication Root CA O=Actalis S.p.A./03358520967  
# Label: "Actalis Authentication Root CA"  
# Serial: 6271844772424770508  
# MD5 Fingerprint: 69:c1:0d:4f:07:a3:1b:c3:fe:56:3d:04:bc:11:f6:a6  
# SHA1 Fingerprint: f3:73:b3:87:06:5a:28:84:8a:f2:f3:4a:ce:19:2b:dd:c7:8e:9c:ac  
# SHA256 Fingerprint:  
55:92:60:84:ec:96:3a:64:b9:6e:2a:be:01:ce:0b:a8:6a:64:fb:fe:bc:c7:aa:b5:af:c1:55:b3:7f:d7:60:66

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-----END CERTIFICATE-----

# Issuer: O=Trustis Limited OU=Trustis FPS Root CA  
# Subject: O=Trustis Limited OU=Trustis FPS Root CA  
# Label: "Trustis FPS Root CA"  
# Serial: 360536403753990343047249889755637110553  
# MD5 Fingerprint: 30:c9:e7:1e:6b:e6:14:eb:65:b2:16:69:20:31:67:4d  
# SHA1 Fingerprint: 3b:c0:38:0b:33:c3:f6:a6:0c:86:15:22:93:d9:df:f5:4b:81:c0:04  
# SHA256 Fingerprint:  
c1:b4:82:99:ab:a5:20:8f:e9:63:0a:ce:55:ca:68:a0:3e:da:5a:51:9c:88:02:a0:d3:a6:73:be:8f:8e:55:7d

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=Buypass Class 2 Root CA O=Buypass AS-983163327  
# Subject: CN=Buypass Class 2 Root CA O=Buypass AS-983163327  
# Label: "Buypass Class 2 Root CA"  
# Serial: 2  
# MD5 Fingerprint: 46:a7:d2:fe:45:fb:64:5a:a8:59:90:9b:78:44:9b:29  
# SHA1 Fingerprint: 49:0a:75:74:de:87:0a:47:fe:58:ee:f6:c7:6b:eb:c6:0b:12:40:99  
# SHA256 Fingerprint:  
9a:11:40:25:19:7c:5b:b9:5d:94:e6:3d:55:cd:43:79:08:47:b6:46:b2:3c:df:11:ad:a4:a0:0e:ff:15:fb:48

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-----END CERTIFICATE-----

# Issuer: CN=Buypass Class 3 Root CA O=Buypass AS-983163327  
# Subject: CN=Buypass Class 3 Root CA O=Buypass AS-983163327  
# Label: "Buypass Class 3 Root CA"  
# Serial: 2  
# MD5 Fingerprint: 3d:3b:18:9e:2c:64:5a:e8:d5:88:ce:0e:f9:37:c2:ec  
# SHA1 Fingerprint: da:fa:f7:fa:66:84:ec:06:8f:14:50:bd:c7:c2:81:a5:bc:a9:64:57

# SHA256 Fingerprint:

ed:f7:eb:bc:a2:7a:2a:38:4d:38:7b:7d:40:10:c6:66:e2:ed:b4:84:3e:4c:29:b4:ae:1d:5b:93:32:e6:b2:4d

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=T-TeleSec GlobalRoot Class 3 O=T-Systems Enterprise Services GmbH OU=T-Systems Trust Center

# Subject: CN=T-TeleSec GlobalRoot Class 3 O=T-Systems Enterprise Services GmbH OU=T-Systems Trust Center

# Label: "T-TeleSec GlobalRoot Class 3"

# Serial: 1

# MD5 Fingerprint: ca:fb:40:a8:4e:39:92:8a:1d:fe:8e:2f:c4:27:ea:ef

# SHA1 Fingerprint: 55:a6:72:3e:cb:f2:ec:cd:c3:23:74:70:19:9d:2a:be:11:e3:81:d1

# SHA256 Fingerprint:

fd:73:da:d3:1c:64:4f:f1:b4:3b:ef:0c:cd:da:96:71:0b:9c:d9:87:5e:ca:7e:31:70:7a:f3:e9:6d:52:2b:bd

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=EE Certification Centre Root CA O=AS Sertifitseerimiskeskus

# Subject: CN=EE Certification Centre Root CA O=AS Sertifitseerimiskeskus

# Label: "EE Certification Centre Root CA"

# Serial: 112324828676200291871926431888494945866

# MD5 Fingerprint: 43:5e:88:d4:7d:1a:4a:7e:fd:84:2e:52:eb:01:d4:6f

# SHA1 Fingerprint: c9:a8:b9:e7:55:80:5e:58:e3:53:77:a7:25:eb:af:c3:7b:27:cc:d7

# SHA256 Fingerprint:

3e:84:ba:43:42:90:85:16:e7:75:73:c0:99:2f:09:79:ca:08:4e:46:85:68:1f:f1:95:cc:ba:8a:22:9b:8a:76

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009 O=D-Trust GmbH  
# Subject: CN=D-TRUST Root Class 3 CA 2 2009 O=D-Trust GmbH  
# Label: "D-TRUST Root Class 3 CA 2 2009"  
# Serial: 623603  
# MD5 Fingerprint: cd:e0:25:69:8d:47:ac:9c:89:35:90:f7:fd:51:3d:2f  
# SHA1 Fingerprint: 58:e8:ab:b0:36:15:33:fb:80:f7:9b:1b:6d:29:d3:ff:8d:5f:00:f0  
# SHA256 Fingerprint:  
49:e7:a4:42:ac:f0:ea:62:87:05:00:54:b5:25:64:b6:50:e4:f4:9e:42:e3:48:d6:aa:38:e0:39:e9:57:b1:c1  
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-----END CERTIFICATE-----

# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009 O=D-Trust GmbH  
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009 O=D-Trust GmbH  
# Label: "D-TRUST Root Class 3 CA 2 EV 2009"  
# Serial: 623604  
# MD5 Fingerprint: aa:c6:43:2c:5e:2d:cd:c4:34:c0:50:4f:11:02:4f:b6  
# SHA1 Fingerprint: 96:c9:1b:0b:95:b4:10:98:42:fa:d0:d8:22:79:fe:60:fa:b9:16:83  
# SHA256 Fingerprint:  
ee:c5:49:6b:98:8c:e9:86:25:b9:34:09:2e:ec:29:08:be:d0:b0:f3:16:c2:d4:73:0c:84:ea:f1:f3:d3:48:81  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=CA Disig Root R2 O=Disig a.s.  
# Subject: CN=CA Disig Root R2 O=Disig a.s.  
# Label: "CA Disig Root R2"  
# Serial: 10572350602393338211  
# MD5 Fingerprint: 26:01:fb:d8:27:a7:17:9a:45:54:38:1a:43:01:3b:03  
# SHA1 Fingerprint: b5:61:eb:ea:a4:de:e4:25:4b:69:1a:98:a5:57:47:c2:34:c7:d9:71  
# SHA256 Fingerprint:  
e2:3d:4a:03:6d:7b:70:e9:f5:95:b1:42:20:79:d2:b9:1e:df:bb:1f:b6:51:a0:63:3e:aa:8a:9d:c5:f8:07:03

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=ACCVRAIZ1 O=ACCV OU=PKIACCV  
# Subject: CN=ACCVRAIZ1 O=ACCV OU=PKIACCV  
# Label: "ACCVRAIZ1"  
# Serial: 6828503384748696800  
# MD5 Fingerprint: d0:a0:5a:ee:05:b6:09:94:21:a1:7d:f1:b2:29:82:02  
# SHA1 Fingerprint: 93:05:7a:88:15:c6:4f:ce:88:2f:fa:91:16:52:28:78:bc:53:64:17  
# SHA256 Fingerprint:  
9a:6e:c0:12:e1:a7:da:9d:be:34:19:4d:47:8a:d7:c0:db:18:22:fb:07:1d:f1:29:81:49:6e:d1:04:38:41:13

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=TWCA Global Root CA O=TAIWAN-CA OU=Root CA  
# Subject: CN=TWCA Global Root CA O=TAIWAN-CA OU=Root CA  
# Label: "TWCA Global Root CA"  
# Serial: 3262  
# MD5 Fingerprint: f9:03:7e:cf:e6:9e:3c:73:7a:2a:90:07:69:ff:2b:96  
# SHA1 Fingerprint: 9c:bb:48:53:f6:a4:f6:d3:52:a4:e8:32:52:55:60:13:f5:ad:af:65  
# SHA256 Fingerprint:  
59:76:90:07:f7:68:5d:0f:cd:50:87:2f:9f:95:d5:75:5a:5b:2b:45:7d:81:f3:69:2b:61:0a:98:67:2f:0e:1b  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=TeliaSonera Root CA v1 O=TeliaSonera  
# Subject: CN=TeliaSonera Root CA v1 O=TeliaSonera  
# Label: "TeliaSonera Root CA v1"  
# Serial: 199041966741090107964904287217786801558  
# MD5 Fingerprint: 37:41:49:1b:18:56:9a:26:f5:ad:c2:66:fb:40:a5:4c  
# SHA1 Fingerprint: 43:13:bb:96:f1:d5:86:9b:c1:4e:6a:92:f6:cf:f6:34:69:87:82:37  
# SHA256 Fingerprint:  
dd:69:36:fe:21:f8:f0:77:c1:23:a1:a5:21:c1:22:24:f7:22:55:b7:3e:03:a7:26:06:93:e8:a2:4b:0f:a3:89

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-----END CERTIFICATE-----

# Issuer: CN=T-TeleSec GlobalRoot Class 2 O=T-Systems Enterprise Services GmbH OU=T-Systems Trust Center  
# Subject: CN=T-TeleSec GlobalRoot Class 2 O=T-Systems Enterprise Services GmbH OU=T-Systems Trust Center

# Label: "T-TeleSec GlobalRoot Class 2"

# Serial: 1

# MD5 Fingerprint: 2b:9b:9e:e4:7b:6c:1f:00:72:1a:cc:c1:77:79:df:6a

# SHA1 Fingerprint: 59:0d:2d:7d:88:4f:40:2e:61:7e:a5:62:32:17:65:cf:17:d8:94:e9

# SHA256 Fingerprint:

91:e2:f5:78:8d:58:10:eb:a7:ba:58:73:7d:e1:54:8a:8e:ca:cd:01:45:98:bc:0b:14:3e:04:1b:17:05:25:52

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-----END CERTIFICATE-----

# Issuer: CN=Atos TrustedRoot 2011 O=Atos

# Subject: CN=Atos TrustedRoot 2011 O=Atos

# Label: "Atos TrustedRoot 2011"

# Serial: 6643877497813316402

# MD5 Fingerprint: ae:b9:c4:32:4b:ac:7f:5d:66:cc:77:94:bb:2a:77:56

# SHA1 Fingerprint: 2b:b1:f5:3e:55:0c:1d:c5:f1:d4:e6:b7:6a:46:4b:55:06:02:ac:21

# SHA256 Fingerprint:

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-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=QuoVadis Root CA 1 G3 O=QuoVadis Limited  
# Subject: CN=QuoVadis Root CA 1 G3 O=QuoVadis Limited  
# Label: "QuoVadis Root CA 1 G3"  
# Serial: 687049649626669250736271037606554624078720034195  
# MD5 Fingerprint: a4:bc:5b:3f:fe:37:9a:fa:64:f0:e2:fa:05:3d:0b:ab  
# SHA1 Fingerprint: 1b:8e:ea:57:96:29:1a:c9:39:ea:b8:0a:81:1a:73:73:c0:93:79:67  
# SHA256 Fingerprint:  
8a:86:6f:d1:b2:76:b5:7e:57:8e:92:1c:65:82:8a:2b:ed:58:e9:f2:f2:88:05:41:34:b7:f1:f4:bf:c9:cc:74  
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-----END CERTIFICATE-----

# Issuer: CN=QuoVadis Root CA 2 G3 O=QuoVadis Limited  
# Subject: CN=QuoVadis Root CA 2 G3 O=QuoVadis Limited  
# Label: "QuoVadis Root CA 2 G3"  
# Serial: 390156079458959257446133169266079962026824725800  
# MD5 Fingerprint: af:0c:86:6e:bf:40:2d:7f:0b:3e:12:50:ba:12:3d:06  
# SHA1 Fingerprint: 09:3c:61:f3:8b:8b:dc:7d:55:df:75:38:02:05:00:e1:25:f5:c8:36  
# SHA256 Fingerprint:  
8f:e4:fb:0a:f9:3a:4d:0d:67:db:0b:eb:b2:3e:37:c7:1b:f3:25:dc:bc:dd:24:0e:a0:4d:af:58:b4:7e:18:40

-----BEGIN CERTIFICATE-----

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# Issuer: CN=QuoVadis Root CA 3 G3 O=QuoVadis Limited  
# Subject: CN=QuoVadis Root CA 3 G3 O=QuoVadis Limited  
# Label: "QuoVadis Root CA 3 G3"  
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# SHA256 Fingerprint:  
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# Issuer: CN=DigiCert Assured ID Root G2 O=DigiCert Inc OU=www.digicert.com  
# Subject: CN=DigiCert Assured ID Root G2 O=DigiCert Inc OU=www.digicert.com  
# Label: "DigiCert Assured ID Root G2"  
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# SHA256 Fingerprint:

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# Issuer: CN=DigiCert Assured ID Root G3 O=DigiCert Inc OU=www.digicert.com

# Subject: CN=DigiCert Assured ID Root G3 O=DigiCert Inc OU=www.digicert.com

# Label: "DigiCert Assured ID Root G3"

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Label: "DigiCert Global Root G2"
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-----END CERTIFICATE-----
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Issuer: CN=DigiCert Global Root G3 O=DigiCert Inc OU=www.digicert.com
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Label: "DigiCert Global Root G3"
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# Issuer: CN=DigiCert Trusted Root G4 O=DigiCert Inc OU=www.digicert.com  
# Subject: CN=DigiCert Trusted Root G4 O=DigiCert Inc OU=www.digicert.com  
# Label: "DigiCert Trusted Root G4"  
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# Issuer: CN=COMODO RSA Certification Authority O=COMODO CA Limited  
# Subject: CN=COMODO RSA Certification Authority O=COMODO CA Limited  
# Label: "COMODO RSA Certification Authority"  
# Serial: 101909084537582093308941363524873193117  
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# Issuer: CN=USERTrust RSA Certification Authority O=The USERTRUST Network  
# Subject: CN=USERTrust RSA Certification Authority O=The USERTRUST Network  
# Label: "USERTrust RSA Certification Authority"  
# Serial: 2645093764781058787591871645665788717

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A o I C A Q C A E m U X N g 7 D 2 w i z 0 K x X D X b t z S f T T K 1 Q g 2 H i q i B N C S 1 k C d z O i Z / M P a n s 9 s / B
3 P H T s d Z 7 N y g R K 0 f a O c a 8 O h m 0 X 6 a 9 f Z 2 j Y O K 2 d v K p O y u R + O J v 0 O w W I J A J P u L o d M k Y
t J H U Y m T b f 6 M G 8 Y g Y a p A i P L z + E / C H F H v 2 5 B + O 1 O R R x h F n R g h R y 4 Y U V D + 8 M / 5 + b J z /
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V W K R 8 2 k V 2 L y I 4 8 S q C / 3 v q O I L V S o G I G 1 V e C k Z 7 l 8 w X E s k E V X / J J p u X i o r 7 g t N n 3 / 3
A T i U F J V D B w n 7 Y K n u H K s S j K C a X q e Y a l l t i z 8 I + 8 j R R a 8 Y F W S Q E g 9 z K C 7 F 4 i R O / F j s
8 P R F / i K z 6 y + O 0 t d F Y Q X B l 2 + o d n K P i 4 w 2 r 7 8 N B c 5 x j e a m b x 9 s p n F i x d j Q g 3 I M 8 W c R
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-----END CERTIFICATE-----
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Issuer: CN=USERTrust ECC Certification Authority O=The USERTRUST Network
Subject: CN=USERTrust ECC Certification Authority O=The USERTRUST Network
Label: "USERTrust ECC Certification Authority"
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# Issuer: CN=GlobalSign O=GlobalSign OU=GlobalSign ECC Root CA - R4  
# Subject: CN=GlobalSign O=GlobalSign OU=GlobalSign ECC Root CA - R4  
# Label: "GlobalSign ECC Root CA - R4"  
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# Issuer: CN=GlobalSign O=GlobalSign OU=GlobalSign ECC Root CA - R5  
# Subject: CN=GlobalSign O=GlobalSign OU=GlobalSign ECC Root CA - R5  
# Label: "GlobalSign ECC Root CA - R5"  
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# Issuer: CN=Staat der Nederlanden Root CA - G3 O=Staat der Nederlanden  
# Subject: CN=Staat der Nederlanden Root CA - G3 O=Staat der Nederlanden  
# Label: "Staat der Nederlanden Root CA - G3"  
# Serial: 10003001  
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# Issuer: CN=Staat der Nederlanden EV Root CA O=Staat der Nederlanden  
# Subject: CN=Staat der Nederlanden EV Root CA O=Staat der Nederlanden  
# Label: "Staat der Nederlanden EV Root CA"  
# Serial: 10000013  
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# Issuer: CN=IdenTrust Commercial Root CA 1 O=IdenTrust

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Label: "IdenTrust Commercial Root CA 1"
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Label: "IdenTrust Public Sector Root CA 1"
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-----END CERTIFICATE-----

# Issuer: CN=Entrust Root Certification Authority - G2 O=Entrust, Inc. OU=See www.entrust.net/legal-terms/(c)  
2009 Entrust, Inc. - for authorized use only  
# Subject: CN=Entrust Root Certification Authority - G2 O=Entrust, Inc. OU=See www.entrust.net/legal-terms/(c)  
2009 Entrust, Inc. - for authorized use only  
# Label: "Entrust Root Certification Authority - G2"  
# Serial: 1246989352  
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-----END CERTIFICATE-----

# Issuer: CN=Entrust Root Certification Authority - EC1 O=Entrust, Inc. OU=See www.entrust.net/legal-terms/(c)  
2012 Entrust, Inc. - for authorized use only  
# Subject: CN=Entrust Root Certification Authority - EC1 O=Entrust, Inc. OU=See www.entrust.net/legal-terms/(c)  
2012 Entrust, Inc. - for authorized use only  
# Label: "Entrust Root Certification Authority - EC1"  
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# SHA1 Fingerprint: 20:d8:06:40:df:9b:25:f5:12:25:3a:11:ea:f7:59:8a:eb:14:b5:47  
# SHA256 Fingerprint:  
02:ed:0e:b2:8c:14:da:45:16:5c:56:67:91:70:0d:64:51:d7:fb:56:f0:b2:ab:1d:3b:8e:b0:70:e5:6e:df:f5  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=CFCA EV ROOT O=China Financial Certification Authority  
# Subject: CN=CFCA EV ROOT O=China Financial Certification Authority  
# Label: "CFCA EV ROOT"  
# Serial: 407555286  
# MD5 Fingerprint: 74:e1:b6:ed:26:7a:7a:44:30:33:94:ab:7b:27:81:30  
# SHA1 Fingerprint: e2:b8:29:4b:55:84:ab:6b:58:c2:90:46:6c:ac:3f:b8:39:8f:84:83  
# SHA256 Fingerprint:  
5c:c3:d7:8e:4e:1d:5e:45:54:7a:04:e6:87:3e:64:f9:0c:f9:53:6d:1c:cc:2e:f8:00:f3:55:c4:c5:fd:70:fd  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: CN=Certinomis - Root CA O=Certinomis OU=0002 433998903  
# Subject: CN=Certinomis - Root CA O=Certinomis OU=0002 433998903  
# Label: "Certinomis - Root CA"  
# Serial: 1  
# MD5 Fingerprint: 14:0a:fd:8d:a8:28:b5:38:69:db:56:7e:61:22:03:3f  
# SHA1 Fingerprint: 9d:70:bb:01:a5:a4:a0:18:11:2e:f7:1c:01:b9:32:c5:34:e7:88:a8  
# SHA256 Fingerprint:

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-----END CERTIFICATE-----

# Issuer: CN=OISTE WISEKey Global Root GB CA O=WISEKey OU=OISTE Foundation Endorsed
# Subject: CN=OISTE WISEKey Global Root GB CA O=WISEKey OU=OISTE Foundation Endorsed
# Label: "OISTE WISEKey Global Root GB CA"
# Serial: 157768595616588414422159278966750757568
# MD5 Fingerprint: a4:eb:b9:61:28:2e:b7:2f:98:b0:35:26:90:99:51:1d
# SHA1 Fingerprint: 0f:f9:40:76:18:d3:d7:6a:4b:98:f0:a8:35:9e:0c:fd:27:ac:cc:ed
# SHA256 Fingerprint:
6b:9c:08:e8:6e:b0:f7:67:cf:ad:65:cd:98:b6:21:49:e5:49:4a:67:f5:84:5e:7b:d1:ed:01:9f:27:b8:6b:d6

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-----END CERTIFICATE-----

# Issuer: CN=SZAFIR ROOT CA2 O=Krajowa Izba Rozliczeniowa S.A.  
# Subject: CN=SZAFIR ROOT CA2 O=Krajowa Izba Rozliczeniowa S.A.  
# Label: "SZAFIR ROOT CA2"  
# Serial: 357043034767186914217277344587386743377558296292  
# MD5 Fingerprint: 11:64:c1:89:b0:24:b1:8c:b1:07:7e:89:9e:51:9e:99  
# SHA1 Fingerprint: e2:52:fa:95:3f:ed:db:24:60:bd:6e:28:f3:9c:cc:cf:5e:b3:3f:de  
# SHA256 Fingerprint:  
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-----END CERTIFICATE-----

# Issuer: CN=Certum Trusted Network CA 2 O=Unizeto Technologies S.A. OU=Certum Certification Authority

# Subject: CN=Certum Trusted Network CA 2 O=Unizeto Technologies S.A. OU=Certum Certification Authority  
# Label: "Certum Trusted Network CA 2"  
# Serial: 44979900017204383099463764357512596969  
# MD5 Fingerprint: 6d:46:9e:d9:25:6d:08:23:5b:5e:74:7d:1e:27:db:f2  
# SHA1 Fingerprint: d3:dd:48:3e:2b:bf:4c:05:e8:af:10:f5:fa:76:26:cf:d3:dc:30:92  
# SHA256 Fingerprint:  
b6:76:f2:ed:da:e8:77:5c:d3:6c:b0:f6:3c:d1:d4:60:39:61:f4:9e:62:65:ba:01:3a:2f:03:07:b6:d0:b8:04

-----BEGIN CERTIFICATE-----

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# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015 O=Hellenic Academic and Research  
Institutions Cert. Authority  
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015 O=Hellenic Academic and Research  
Institutions Cert. Authority  
# Label: "Hellenic Academic and Research Institutions RootCA 2015"  
# Serial: 0

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Subject: CN=Certplus Root CA G1 O=Certplus
Label: "Certplus Root CA G1"
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# Subject: CN=Certplus Root CA G2 O=Certplus  
# Label: "Certplus Root CA G2"  
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# Serial: 1492012448042702096986875987676935573415441  
# MD5 Fingerprint: 57:24:b6:59:24:6b:ae:c8:fe:1c:0c:20:f2:c0:4e:eb  
# SHA1 Fingerprint: 79:5f:88:60:c5:ab:7c:3d:92:e6:cb:f4:8d:e1:45:cd:11:ef:60:0b  
# SHA256 Fingerprint:  
27:99:58:29:fe:6a:75:15:c1:bf:e8:48:f9:c4:76:1d:b1:6c:22:59:29:25:7b:f4:0d:08:94:f2:9e:a8:ba:f2

-----BEGIN CERTIFICATE-----

MIIFbzCCA1egAwIBAgISESChaRu/vbm9UpaPI+hIvyYRMA0GCSqGSIb3DQEBDQUA  
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S1IK

-----END CERTIFICATE-----

# Issuer: CN=OpenTrust Root CA G3 O=OpenTrust  
# Subject: CN=OpenTrust Root CA G3 O=OpenTrust  
# Label: "OpenTrust Root CA G3"  
# Serial: 1492104908271485653071219941864171170455615  
# MD5 Fingerprint: 21:37:b4:17:16:92:7b:67:46:70:a9:96:d7:a8:13:24  
# SHA1 Fingerprint: 6e:26:64:f3:56:bf:34:55:bf:d1:93:3f:7c:01:de:d8:13:da:8a:a6  
# SHA256 Fingerprint:  
b7:c3:62:31:70:6e:81:07:8c:36:7c:b8:96:19:8f:1e:32:08:dd:92:69:49:dd:8f:57:09:a4:10:f7:5b:62:92

-----BEGIN CERTIFICATE-----

MIICITCCAagAwIBAgISESDm+Ez8JLC+BUCs2oMbNGA/MAoGCCqGSM49BAMDMEAx  
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-----END CERTIFICATE-----

# Issuer: CN=ISRG Root X1 O=Internet Security Research Group  
# Subject: CN=ISRG Root X1 O=Internet Security Research Group  
# Label: "ISRG Root X1"  
# Serial: 172886928669790476064670243504169061120

# MD5 Fingerprint: 0c:d2:f9:e0:da:17:73:e9:ed:86:4d:a5:e3:70:e7:4e  
# SHA1 Fingerprint: ca:bd:2a:79:a1:07:6a:31:f2:1d:25:36:35:cb:03:9d:43:29:a5:e8  
# SHA256 Fingerprint:  
96:bc:ec:06:26:49:76:f3:74:60:77:9a:cf:28:c5:a7:cf:e8:a3:c0:aa:e1:1a:8f:fc:ee:05:c0:bd:df:08:c6  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: O=FNMT-RCM OU=AC RAIZ FNMT-RCM  
# Subject: O=FNMT-RCM OU=AC RAIZ FNMT-RCM  
# Label: "AC RAIZ FNMT-RCM"  
# Serial: 485876308206448804701554682760554759  
# MD5 Fingerprint: e2:09:04:b4:d3:bd:d1:a0:14:fd:1a:d2:47:c4:57:1d  
# SHA1 Fingerprint: ec:50:35:07:b2:15:c4:95:62:19:e2:a8:9a:5b:42:99:2c:4c:2c:20  
# SHA256 Fingerprint:  
eb:c5:57:0c:29:01:8c:4d:67:b1:aa:12:7b:af:12:f7:03:b4:61:1e:bc:17:b7:da:b5:57:38:94:17:9b:93:fa  
-----BEGIN CERTIFICATE-----  
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-----END CERTIFICATE-----

# Issuer: CN=Amazon Root CA 1 O=Amazon  
# Subject: CN=Amazon Root CA 1 O=Amazon  
# Label: "Amazon Root CA 1"  
# Serial: 143266978916655856878034712317230054538369994  
# MD5 Fingerprint: 43:c6:bf:ae:ec:fe:ad:2f:18:c6:88:68:30:fc:c8:e6  
# SHA1 Fingerprint: 8d:a7:f9:65:ec:5e:fc:37:91:0f:1c:6e:59:fd:c1:cc:6a:6e:de:16  
# SHA256 Fingerprint:  
8e:cd:e6:88:4f:3d:87:b1:12:5b:a3:1a:c3:fc:b1:3d:70:16:de:7f:57:cc:90:4f:e1:cb:97:c6:ae:98:19:6e  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=Amazon Root CA 2 O=Amazon  
# Subject: CN=Amazon Root CA 2 O=Amazon  
# Label: "Amazon Root CA 2"  
# Serial: 143266982885963551818349160658925006970653239  
# MD5 Fingerprint: c8:e5:8d:ce:a8:42:e2:7a:c0:2a:5c:7c:9e:26:bf:66  
# SHA1 Fingerprint: 5a:8c:ef:45:d7:a6:98:59:76:7a:8c:8b:44:96:b5:78:cf:47:4b:1a  
# SHA256 Fingerprint:  
1b:a5:b2:aa:8c:65:40:1a:82:96:01:18:f8:0b:ec:4f:62:30:4d:83:ce:c4:71:3a:19:c3:9c:01:1e:a4:6d:b4  
-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=Amazon Root CA 3 O=Amazon  
# Subject: CN=Amazon Root CA 3 O=Amazon  
# Label: "Amazon Root CA 3"  
# Serial: 143266986699090766294700635381230934788665930  
# MD5 Fingerprint: a0:d4:ef:0b:f7:b5:d8:49:95:2a:ec:f5:c4:fc:81:87  
# SHA1 Fingerprint: 0d:44:dd:8c:3c:8c:1a:1a:58:75:64:81:e9:0f:2e:2a:ff:b3:d2:6e  
# SHA256 Fingerprint:  
18:ce:6c:fe:7b:f1:4e:60:b2:e3:47:b8:df:e8:68:cb:31:d0:2e:bb:3a:da:27:15:69:f5:03:43:b4:6d:b3:a4

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=Amazon Root CA 4 O=Amazon  
# Subject: CN=Amazon Root CA 4 O=Amazon  
# Label: "Amazon Root CA 4"  
# Serial: 143266989758080763974105200630763877849284878  
# MD5 Fingerprint: 89:bc:27:d5:eb:17:8d:06:6a:69:d5:fd:89:47:b4:cd  
# SHA1 Fingerprint: f6:10:84:07:d6:f8:bb:67:98:0c:c2:e2:44:c2:eb:ae:1c:ef:63:be  
# SHA256 Fingerprint:  
e3:5d:28:41:9e:d0:20:25:cf:a6:90:38:cd:62:39:62:45:8d:a5:c6:95:fb:de:a3:c2:2b:0b:fb:25:89:70:92

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# Issuer: CN=LuxTrust Global Root 2 O=LuxTrust S.A.  
# Subject: CN=LuxTrust Global Root 2 O=LuxTrust S.A.  
# Label: "LuxTrust Global Root 2"

# Serial: 59914338225734147123941058376788110305822489521  
# MD5 Fingerprint: b2:e1:09:00:61:af:f7:f1:91:6f:c4:ad:8d:5e:3b:7c  
# SHA1 Fingerprint: 1e:0e:56:19:0a:d1:8b:25:98:b2:04:44:ff:66:8a:04:17:99:5f:3f  
# SHA256 Fingerprint:  
54:45:5f:71:29:c2:0b:14:47:c4:18:f9:97:16:8f:24:c5:8f:c5:02:3b:f5:da:5b:e2:eb:6e:1d:d8:90:2e:d5  
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-----END CERTIFICATE-----

# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1 O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK OU=Kamu Sertifikasyon Merkezi - Kamu SM  
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1 O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK OU=Kamu Sertifikasyon Merkezi - Kamu SM  
# Label: "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"  
# Serial: 1  
# MD5 Fingerprint: dc:00:81:dc:69:2f:3e:2f:b0:3b:f6:3d:5a:91:8e:49  
# SHA1 Fingerprint: 31:43:64:9b:ec:ce:27:ec:ed:3a:3f:0b:8f:0d:e4:e8:91:dd:ee:ca  
# SHA256 Fingerprint:

46:ed:c3:68:90:46:d5:3a:45:3f:b3:10:4a:b8:0d:ca:ec:65:8b:26:60:ea:16:29:dd:7e:86:79:90:64:87:16

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-----END CERTIFICATE-----

# Issuer: CN=GDCA TrustAUTH R5 ROOT O=GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.  
# Subject: CN=GDCA TrustAUTH R5 ROOT O=GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.  
# Label: "GDCA TrustAUTH R5 ROOT"  
# Serial: 9009899650740120186  
# MD5 Fingerprint: 63:cc:d9:3d:34:35:5c:6f:53:a3:e2:08:70:48:1f:b4  
# SHA1 Fingerprint: 0f:36:38:5b:81:1a:25:c3:9b:31:4e:83:ca:e9:34:66:70:cc:74:b4  
# SHA256 Fingerprint:  
bf:ff:8f:d0:44:33:48:7d:6a:8a:a6:0c:1a:29:76:7a:9f:c2:bb:b0:5e:42:0f:71:3a:13:b9:92:89:1d:38:93

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=TrustCor RootCert CA-2 O=TrustCor Systems S. de R.L. OU=TrustCor Certificate Authority  
# Subject: CN=TrustCor RootCert CA-2 O=TrustCor Systems S. de R.L. OU=TrustCor Certificate Authority  
# Label: "TrustCor RootCert CA-2"  
# Serial: 2711694510199101698  
# MD5 Fingerprint: a2:e1:f8:18:0b:ba:45:d5:c7:41:2a:bb:37:52:45:64  
# SHA1 Fingerprint: b8:be:6d:cb:56:f1:55:b9:63:d4:12:ca:4e:06:34:c7:94:b2:1c:c0  
# SHA256 Fingerprint:  
07:53:e9:40:37:8c:1b:d5:e3:83:6e:39:5d:ae:a5:cb:83:9e:50:46:f1:bd:0e:ae:19:51:cf:10:fe:c7:c9:65

-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=TrustCor ECA-1 O=TrustCor Systems S. de R.L. OU=TrustCor Certificate Authority  
# Subject: CN=TrustCor ECA-1 O=TrustCor Systems S. de R.L. OU=TrustCor Certificate Authority  
# Label: "TrustCor ECA-1"  
# Serial: 9548242946988625984  
# MD5 Fingerprint: 27:92:23:1d:0a:f5:40:7c:e9:e6:6b:9d:d8:f5:e7:6c  
# SHA1 Fingerprint: 58:d1:df:95:95:67:6b:63:c0:f0:5b:1c:17:4d:8b:84:0b:c8:78:bd  
# SHA256 Fingerprint:

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-----END CERTIFICATE-----

# Issuer: CN=SSL.com Root Certification Authority RSA O=SSL Corporation  
# Subject: CN=SSL.com Root Certification Authority RSA O=SSL Corporation  
# Label: "SSL.com Root Certification Authority RSA"  
# Serial: 8875640296558310041  
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-----END CERTIFICATE-----

# Issuer: CN=SSL.com Root Certification Authority ECC O=SSL Corporation  
# Subject: CN=SSL.com Root Certification Authority ECC O=SSL Corporation  
# Label: "SSL.com Root Certification Authority ECC"  
# Serial: 8495723813297216424  
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# SHA256 Fingerprint:  
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-----END CERTIFICATE-----

# Issuer: CN=SSL.com EV Root Certification Authority RSA R2 O=SSL Corporation  
# Subject: CN=SSL.com EV Root Certification Authority RSA R2 O=SSL Corporation  
# Label: "SSL.com EV Root Certification Authority RSA R2"  
# Serial: 6248227494352943350  
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# SHA1 Fingerprint: 74:3a:f0:52:9b:d0:32:a0:f4:4a:83:cd:d4:ba:a9:7b:7c:2e:c4:9a  
# SHA256 Fingerprint:  
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# Issuer: CN=SSL.com EV Root Certification Authority ECC O=SSL Corporation  
# Subject: CN=SSL.com EV Root Certification Authority ECC O=SSL Corporation  
# Label: "SSL.com EV Root Certification Authority ECC"  
# Serial: 3182246526754555285  
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# SHA1 Fingerprint: 4c:dd:51:a3:d1:f5:20:32:14:b0:c6:c5:32:23:03:91:c7:46:42:6d  
# SHA256 Fingerprint:  
22:a2:c1:f7:bd:ed:70:4c:c1:e7:01:b5:f4:08:c3:10:88:0f:e9:56:b5:de:2a:4a:44:f9:9c:87:3a:25:a7:c8  
-----BEGIN CERTIFICATE-----

MIICIDCCAhqGAWIBAgIILCmcWxbtBZUwCgYIKoZlZj0EAwIwIwZELMAkGA1UEBhMC  
VVMxMkVBMm9udm91bnRkaW50IGUuZG9uMRgwFgYDVQKDA9T  
U0wgQ29ycG9yYXRpb24xNDAYBgNVBAMMK1NTTC5jb20gRVYgUm9vdCBDZXJ0aWZp  
Y2F0aW9uIEF1dGhvcm10eSBFQ0MwHhcNMTYwMjE5MTgxNTIzWhcNNDUwMjE5MTgx  
NTIzWjB/MQswCQYDVQQGEwJVUzEOMAwGA1UECAwVFGV4YXNMRgNVBAGB0hv  
dXN0b24xGDAWBgNVBAoMD1NTTCBDb3Jwb3JhdGlvbE0MDIGA1UEAwU1NMLmNv  
bSBFViBSb290IENlcnRpZmljYXRpb24gQXV0aG9yaXR5IEVDQzB2MBAGByqGSM49  
AgEGBSuBBAAiA2IABKoSR5CYG/vvw0AHgyBO8TCCogbR8pKGYfL2IwJkAMTH6kMA  
VIbc/R/fALhBYlzccBYy3h+Z1MzFB8gIH2EwB1E9fVwHU+M1OIZfzZ/ZLg1Kthku  
WnBaBu2+8KGwytAJKaNjMGEWvHQYDVR0OBByEFFvKXuXe0oGqzagtZFG22XKbl+ZP  
MA8GA1UdEwEB/wQFMAMBaf8wHwYDVR0jBBgwFoAUAUw8pe5d7SgarNqC1kUbbZcpuX  
5k8wDgYDVR0PAAQ/BAQDAgGGMAoGCCqGSM49BAMCA2gAMGUUMQCK5kCJN+vp1RPZ  
ytRrJPOwPYdGWBrsd9v+1a6cGvHOMzosYxPD/fXz3YOg9AeUY8CMD32IygmTMZg  
h5Mmm7I1HrW9zzRHM76JTyMGoEVW/MSD2zuZYrJh6j5B+BimoxcSg==  
-----END CERTIFICATE-----

Found in path(s):

- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/etc/roots.pem
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/\_cython/\_credentials/roots.pem

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\*  
\*/  
/\*\* Signal that the call is cacheable. GRPC is free to use GET verb \*/

Found in path(s):

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/grpc\_types.h  
No license file was found, but licenses were detected in source scan.

/\* zran.c -- example of zlib/gzip stream indexing and random access  
\* Copyright (C) 2005, 2012 Mark Adler  
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Version 1.1 29 Sep 2012 Mark Adler \*/

Found in path(s):

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/examples/zran.c  
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```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_cpols.c

```

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```

/* blast.h -- interface for blast.c
Copyright (C) 2003, 2012, 2013 Mark Adler
version 1.3, 24 Aug 2013

```

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Mark Adler madler@alumni.caltech.edu

\*/

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/contrib/blast/blast.h

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/ssl\_buffer.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/srtp.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/curve25519/ed25519\_test.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/evp/pbkdf\_test.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/curve25519.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/curve25519/x25519\_test.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/ssl\_aead\_ctx.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/rand.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/test/file\_test.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/pkcs8/pkcs8\_test.cc

- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/poly1305/poly1305\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/refcount\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/aes/aes\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/boringssl/err\_data.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bn\_extra/bn\_asn1.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/refcount\_c11.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/dtls1.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/buffer.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/generate\_ed25519.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/ec/util.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/genrsa.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/cmac/cmac\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/refcount\_lock.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/test/file\_test.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/ciphers.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/thread\_win.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/thread\_pthread.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/cmac.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/conf/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/test/test\_util.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/thread\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/thread\_none.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/test/test\_util.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/rand/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/third\_party/boringssl/ssl/ssl\_key\_share.cc

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*
```

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```

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```
*/
```

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1.14.1/third_party/cares/cares/ahost.c
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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```

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```

```
1.14.1/third_party/cares/cares/test/gmock-1.7.0/scripts/generator/cpp/gmock_class.py
```

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```
/*
```

```
* puff.c
```

```
* Copyright (C) 2002-2013 Mark Adler
```

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

```
* version 2.3, 21 Jan 2013
```

```
*
```

```
* puff.c is a simple inflate written to be an unambiguous way to specify the
```

```
* deflate format. It is not written for speed but rather simplicity. As a
```

```
* side benefit, this code might actually be useful when small code is more
```

```
* important than speed, such as bootstrap applications. For typical deflate
```

```
* data, zlib's inflate() is about four times as fast as puff(). zlib's
* inflate compiles to around 20K on my machine, whereas puff.c compiles to
* around 4K on my machine (a PowerPC using GNU cc). If the faster decode()
* function here is used, then puff() is only twice as slow as zlib's
* inflate().
*
* All dynamically allocated memory comes from the stack. The stack required
* is less than 2K bytes. This code is compatible with 16-bit int's and
* assumes that long's are at least 32 bits. puff.c uses the short data type,
* assumed to be 16 bits, for arrays in order to conserve memory. The code
* works whether integers are stored big endian or little endian.
*
* In the comments below are "Format notes" that describe the inflate process
* and document some of the less obvious aspects of the format. This source
* code is meant to supplement RFC 1951, which formally describes the deflate
* format:
*
* http://www.zlib.org/rfc-deflate.html
*/
```

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```
*/opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/zlib/contrib/puff/puff.c
```

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```
/* gzlib.c -- zlib functions common to reading and writing gzip files
* Copyright (C) 2004-2017 Mark Adler
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*/
```

Found in path(s):

```
*/opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/zlib/gzlib.c
```

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\* Advanced Computing

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* Hudson (tjh@cryptsoft.com). */

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```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/decrepit/dsa/dsa_decrepit.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/decrepit/dh/dh_decrepit.c

```

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```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest-listener_test.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/test/gtest-listener_test.cc
```

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```
/*
```

```
* pufftest.c
```

```
* Copyright (C) 2002-2013 Mark Adler
```

```
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```

```
* version 2.3, 21 Jan 2013
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/zlib/contrib/puff/pufftest.c
```

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

```
Not copyrighted -- provided to the public domain
```

```
Version 1.4 11 December 2005 Mark Adler */
```

Found in path(s):

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/zlib/examples/zpipe.c
```

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```

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*
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1.14.1/third_party/boringssl/crypto/x509v3/v3_lib.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_ia5.c
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1.14.1/third_party/boringssl/crypto/x509v3/tab_test.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509v3/v3_info.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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```
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/random.c  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/prime.c  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/internal.h

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest-port\_test.cc  
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_output\_test.cc  
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/include/gtest/gtest-param-test.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/test/gmock-1.7.0/test/gmock\_ex\_test.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/include/gtest/internal/custom/gtest.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_stress\_test.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/test/production.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/include/gtest/internal/gtest-string.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest-printers\_test.cc  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_unittest.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_catch\_exceptions\_test\_.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/samples/sample2\_unittest.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_help\_test\_.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_prod\_test.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/src/gtest\_filepath.cc  
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1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_main\_unittest.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/test/gmock-1.7.0/include/gmock/gmock-generated-matchers.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_throw\_on\_failure\_test.cc  
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1.14.1/third\_party/boringssl/third\_party/googletest/include/gtest/gtest-message.h  
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_environment\_test.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_filter\_unittest.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/samples/sample4.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/test/gmock-1.7.0/test/gmock-spec-builders\_test.cc

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/test/production.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/third\_party/googletest/samples/sample2.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/samples/sample1.h

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/boringssl/ssl/handshake\_server.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/boringssl/ssl/s3\_lib.cc

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 // domain sources in SUPERCOP: <http://bench.cr.yp.to/supercop.html>

// +build amd64,!gccgo,!appengine

// These constants cannot be encoded in non-MOVQ immediates.  
 // We access them directly from memory instead.

DATA ·\_121666\_213(SB)/8, \$996687872

GLOBL ·\_121666\_213(SB), 8, \$8

DATA ·\_2P0(SB)/8, \$0xFFFFFFFFFFDA

GLOBL · \_2P0(SB), 8, \$8

DATA · \_2P1234(SB)/8, \$0xFFFFFFFFFFFE

GLOBL · \_2P1234(SB), 8, \$8

Found in path(s):

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/test/runner/curve25519/const\_amd64.s

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* ===== */

```

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/aes.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/aes/mode_wrappers.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/aes/aes.c
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```

```

// +build amd64,!gccgo,!appengine

// func cswap(inout *[5]uint64, v uint64)
TEXT -cswap(SB),7,$0
MOVQ inout+0(FP),DI
MOVQ v+8(FP),SI

```

```

CMPQ SI,$1
MOVQ 0(DI),SI
MOVQ 80(DI),DX
MOVQ 8(DI),CX
MOVQ 88(DI),R8
MOVQ SI,R9
CMOVQEQ DX,SI
CMOVQEQ R9,DX
MOVQ CX,R9
CMOVQEQ R8,CX
CMOVQEQ R9,R8
MOVQ SI,0(DI)
MOVQ DX,80(DI)
MOVQ CX,8(DI)
MOVQ R8,88(DI)

```

MOVQ 16(DI),SI  
MOVQ 96(DI),DX  
MOVQ 24(DI),CX  
MOVQ 104(DI),R8  
MOVQ SI,R9  
CMOVQEQ DX,SI  
CMOVQEQ R9,DX  
MOVQ CX,R9  
CMOVQEQ R8,CX  
CMOVQEQ R9,R8  
MOVQ SI,16(DI)  
MOVQ DX,96(DI)  
MOVQ CX,24(DI)  
MOVQ R8,104(DI)  
MOVQ 32(DI),SI  
MOVQ 112(DI),DX  
MOVQ 40(DI),CX  
MOVQ 120(DI),R8  
MOVQ SI,R9  
CMOVQEQ DX,SI  
CMOVQEQ R9,DX  
MOVQ CX,R9  
CMOVQEQ R8,CX  
CMOVQEQ R9,R8  
MOVQ SI,32(DI)  
MOVQ DX,112(DI)  
MOVQ CX,40(DI)  
MOVQ R8,120(DI)  
MOVQ 48(DI),SI  
MOVQ 128(DI),DX  
MOVQ 56(DI),CX  
MOVQ 136(DI),R8  
MOVQ SI,R9  
CMOVQEQ DX,SI  
CMOVQEQ R9,DX  
MOVQ CX,R9  
CMOVQEQ R8,CX  
CMOVQEQ R9,R8  
MOVQ SI,48(DI)  
MOVQ DX,128(DI)  
MOVQ CX,56(DI)  
MOVQ R8,136(DI)  
MOVQ 64(DI),SI  
MOVQ 144(DI),DX  
MOVQ 72(DI),CX  
MOVQ 152(DI),R8  
MOVQ SI,R9  
CMOVQEQ DX,SI

```
CMOVQEQ R9,DX
MOVQ CX,R9
CMOVQEQ R8,CX
CMOVQEQ R9,R8
MOVQ SI,64(DI)
MOVQ DX,144(DI)
MOVQ CX,72(DI)
MOVQ R8,152(DI)
MOVQ DI,AX
MOVQ SI,DX
RET
```

Found in path(s):

```
*/opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/ssl/test/runner/curve25519/cswap_amd64.s
```

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/decrepit/cast/cast.c

```

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*/

```

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```

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```

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

```

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1.14.1/third_party/boringssl/ssl/internal.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/ssl.h

```

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1.14.1/third_party/cares/cares/ares_platform.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/cares/cares/ares_platform.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/zlib/examples/gzlog.c
```

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```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/ssl/bio_ssl.cc
```

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Code: Xavier Roche '2004  
License: Same as ZLIB ([www.gzip.org](http://www.gzip.org))

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/contrib/minizip/mztools.h  
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/aes/key\_wrap.c

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/crypto/pem/pem\_xaux.c  
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/\* inflate9.h -- internal inflate state definition

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 1.14.1/third\_party/boringssl/include/openssl/x509v3.h

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```
/* example.c -- usage example of the zlib compression library
* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly
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```
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```

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```
/*
```

```
* Utilities for constant-time cryptography.
```

```
*
```

```
* Author: Emilia Kasper (emilia@openssl.org)
```

```
* Based on previous work by Bodo Moeller, Emilia Kasper, Adam Langley
```

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* (Google).
```

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

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/ssl/ssl_stat.cc

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

Version 1.1, February 14h, 2010

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

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

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

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See header of unzip64.c

\*/

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/contrib/minizip/unzip.h

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_init.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares.h

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 1.14.1/third\_party/boringssl/crypto/ec\_extra/ec\_asn1.c

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1.14.1/third_party/boringssl/ssl/ssl_file.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/filters/max\_age/max\_age\_filter.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/filters/client\_channel/resolver/fake/fake\_resolver.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/filters/client\_channel/subchannel\_index.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/filters/message\_size/message\_size\_filter.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/filters/message\_size/message\_size\_filter.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/lib/transport/service\_config.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/filters/deadline/deadline\_filter.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/filters/deadline/deadline\_filter.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/filters/workarounds/workaround\_cronet\_compression\_filter.cc  
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
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1.14.1/src/core/lib/transport/service\_config.h  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/boringssl/third\_party/googletest/scripts/upload\_gtest.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_help\_test.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/boringssl/third\_party/googletest/xcode/Scripts/versiongenerate.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/scripts/gen\_gtest\_pred\_impl.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_xml\_test\_utils.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_break\_on\_failure\_unittest.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_throw\_on\_failure\_test.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/test/gmock\_leak\_test.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
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 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/test/gmock\_output\_test.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_xml\_outfiles\_test.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_env\_var\_test.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_break\_on\_failure\_unittest.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_color\_test.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_uninitialized\_test.py  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/scripts/fuse\_gmock\_files.py  
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 1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_output\_test.py  
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 1.14.1/third\_party/boringssl/third\_party/googletest/scripts/fuse\_gtest\_files.py  
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 1.14.1/third\_party/boringssl/third\_party/googletest/scripts/gen\_gtest\_pred\_impl.py  
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 1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_output\_test.py  
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 1.14.1/third\_party/boringssl/third\_party/googletest/scripts/pump.py  
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 1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_throw\_on\_failure\_test.py  
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1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_xml\_outfiles\_test.py  
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1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_help\_test.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_list\_tests\_unittest.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/test/gmock-1.7.0/test/gmock\_test\_utils.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/xcode/Scripts/versiongenerate.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/third\_party/googletest/test/gtest\_xml\_output\_unittest.py  
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1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_color\_test.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_list\_tests\_unittest.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest\_env\_var\_test.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/scripts/fuse\_gtest\_files.py  
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/base.h

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Found in path(s):

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/test/packeted\_bio.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/test/test\_config.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/safestack.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/objects.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/test/async\_bio.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/rand.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/pkcs7/pkcs7\_test.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/base64/base64\_test.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/speed.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/bytestring.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/pkcs7/pkcs7.c  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bytestring/internal.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bytestring/cbs.c  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/rand\_extra/windows.c  
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/engine.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/test/packeted\_bio.cc  
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/cipher\_extra/aead\_test.cc  
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1.14.1/third\_party/boringssl/crypto/cpu-arm.c  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bio/bio\_test.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/digest.cc  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/client.cc  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/crypto.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/test/test\_config.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/args.cc  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/tool/internal.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/engine/engine.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/poly1305.h  
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1.14.1/third_party/boringssl/crypto/pkcs8/pkcs12_test.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/tool/server.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/bytestring/ber.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/cipher/aead.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/rand/rand.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/lhash_macros.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/cipher_extra/e_ssl3.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/ec/ec_test.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/rand/urandom.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/bytestring/cbb.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/bio/socket_helper.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/opensslv.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/hkdf/hkdf.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/opensslconf.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/chacha.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/evp/evp_extra_test.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/ssl/custom_extensions.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/err/err_test.cc
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```

```

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

```

Found in path(s):

```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

```



1.14.1/third\_party/zlib/examples/gun.c

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```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/cipher_extra/e_aesccm.c
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/fipsmodule/tls/internal.h
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/cpu-aarch64-fuchsia.c
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/fipstools/cavp_kas_test.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/fipstools/cavp_tlskdf_test.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/crypto/self_test.cc
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
```

```
1.14.1/third_party/boringssl/ssl/handoff.cc
```

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```
/* inffas8664.c is a hand tuned assembler version of inffast.c - fast decoding
```

```
* version for AMD64 on Windows using Microsoft C compiler
```

```
*
```

```
* Copyright (C) 1995-2003 Mark Adler
```

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

```
*
```

```
* Copyright (C) 2003 Chris Anderson <christop@charm.net>
```

```
* Please use the copyright conditions above.
```

```
*
```

```
* 2005 - Adaptation to Microsoft C Compiler for AMD64 by Gilles Vollant
```

```
*
```

```
* inffas8664.c call function inffas8664fnc in inffasx64.asm
```

```
* inffasx64.asm is automatically convert from AMD64 portion of inffas86.c
```

```
*
```

```

* Dec-29-2003 -- I added AMD64 inflate asm support. This version is also
* slightly quicker on x86 systems because, instead of using rep movsb to copy
* data, it uses rep movsw, which moves data in 2-byte chunks instead of single
* bytes. I've tested the AMD64 code on a Fedora Core 1 + the x86_64 updates
* from http://fedora.linux.duke.edu/fc1_x86_64
* which is running on an Athlon 64 3000+ / Gigabyte GA-K8VT800M system with
* 1GB ram. The 64-bit version is about 4% faster than the 32-bit version,
* when decompressing mozilla-source-1.3.tar.gz.
*
* Mar-13-2003 -- Most of this is derived from inffast.S which is derived from
* the gcc -S output of zlib-1.2.0/inffast.c. Zlib-1.2.0 is in beta release at
* the moment. I have successfully compiled and tested this code with gcc2.96,
* gcc3.2, icc5.0, msvc6.0. It is very close to the speed of inffast.S
* compiled with gcc -DNO_MMX, but inffast.S is still faster on the P3 with MMX
* enabled. I will attempt to merge the MMX code into this version. Newer
* versions of this and inffast.S can be found at
* http://www.eetbeetee.com/zlib/ and http://www.charm.net/~christop/zlib/
*
*/

```

Found in path(s):

```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/zlib/contrib/masmx64/inffas8664.c

```

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/src/core/ext/filters/http/client/http_client_filter.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/src/core/ext/filters/http/client/http_client_filter.h
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```
/* blast.c
* Copyright (C) 2003, 2012, 2013 Mark Adler
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* version 1.3, 24 Aug 2013
*
* blast.c decompresses data compressed by the PKWare Compression Library.
* This function provides functionality similar to the explode() function of
* the PKWare library, hence the name "blast".
*
* This decompressor is based on the excellent format description provided by
* Ben Rudiak-Gould in comp.compression on August 13, 2001. Interestingly, the
* example Ben provided in the post is incorrect. The distance 110001 should
* instead be 111000. When corrected, the example byte stream becomes:
*
* 00 04 82 24 25 8f 80 7f
*
* which decompresses to "AIAIAIAIAIAIA" (without the quotes).
*/
```

Found in path(s):

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/zlib/contrib/blast/blast.c
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```
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1.14.1/src/core/lib/transport/static\_metadata.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
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- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/test/runner/curve25519/const\_amd64.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/test/runner/curve25519/ladderstep\_amd64.s
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/\* uncompr.c -- decompress a memory buffer

\* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler

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

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_utctm.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/bytes.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509rset.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bio/hexdump.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/evp/evp.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_i2d\_fp.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/lhash.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/tasn\_enc.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_v3.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_sig.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/decrepit/ripemd/ripemd.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bio/connect.c

- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/pem/pem\_oth.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/dh/check.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_txt.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/sha/sha512.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/t\_req.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/generic.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/md5.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/asn\_pack.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/a\_sign.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/mem.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/md5/md5.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/decrepit/blowfish/blowfish.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_pubkey.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/asn1\_lib.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/rsa/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bio/bio.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_bool.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/cmp.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_object.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/lhash/lhash.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_set.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/dh/dh\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_x509.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/t\_x509.c

- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/cipher.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/obj/obj.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_d2.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/evp/sign.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/t\_crl.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_pkey.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/f\_enum.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/tasn\_dec.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/a\_verify.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/t\_x509a.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/decrepit/rsa/rsa\_decrepit.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/i2d\_pr.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_type.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/cipher\_extra/cipher\_extra.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_utf8.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/evp/evp\_asn1.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/des/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_gentm.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509name.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/a\_strex.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/sha/sha256.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/cast.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/cipher/e\_des.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/type\_check.h

- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/evp/evp\_ctx.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/tasn\_utl.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bio/file.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/pem/pem\_pkey.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/f\_string.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_spki.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/md4.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_crl.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/mem.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/rsa.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/ripemd.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bio/bio\_mem.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_val.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/rc4.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_obj.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_req.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/cipher\_extra/derive\_key.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/tasn\_fre.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/thread.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/des.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/tasn\_typ.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bio/socket.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/bn.c

- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_bitstr.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/add.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/sha/sha1-altivec.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_att.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/div.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/by\_dir.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/a\_digest.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_vfy.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/blowfish.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_info.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/asn1\_gen.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x509\_lu.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/hmac/hmac.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/digest\_extra/digest\_extra.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/thread.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/md4/md4.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/mul.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_octet.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/cipher/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/sha/sha1.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/tasn\_new.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_name.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/decrepit/rc4/rc4\_decrepit.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/stack/stack.c



- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_attrib.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/ssl/ssl\_privkey.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/des/des.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/digest/digest.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_strnid.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/digest/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/base64/base64.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_d2i\_fp.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/cpu-intel.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/include/openssl/evp.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/x\_req.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/rsa/rsa\_impl.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/hmac\_extra/hmac\_test.cc
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/bio/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/decrepit/cast/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_int.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/decrepit/bio/base64\_bio.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/cipher\_extra/internal.h
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/cipher\_extra/e\_null.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/asn1\_par.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/cipher/cipher.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/asn1/a\_enum.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/algorithm.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/conf/conf.c

```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/decrepit/cast/cast_tables.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/obj.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509/x_exten.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/bn/shift.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/asn1/a_mbstr.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/cipher_extra/e_rc2.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/decrepit/ripemd/internal.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/dh/dh.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/rsa/rsa.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/ssl/tls_method.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/bio/printf.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/fipsmodule/digest/digests.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/decrepit/macros.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/x509/x509_def.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/bn_extra/convert.c
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```

```

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```

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```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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/\* gzappend -- command to append to a gzip file

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

```

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/deflate.c  
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1.14.1/third_party/boringssl/crypto/x509v3/v3_crl.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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1.14.1/third_party/boringssl/crypto/x509v3/pcy_node.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_mkquery.c  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_getenv.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_strerror.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_strerror.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_getenv.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_writev.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_strdup.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_parse\_ptr\_reply.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_strdup.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_search.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_writev.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_\_read\_line.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_expand\_string.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_free\_hostent.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_query.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_strerror.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_parse\_ns\_reply.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_\_close\_sockets.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_parse\_a\_reply.c  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_llist.c  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-



1.14.1/third\_party/cares/cares/ares\_create\_query.c  
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1.14.1/third\_party/cares/cares/test/gmock-1.7.0/scripts/generator/cpp/utlis.py  
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1.14.1/third\_party/cares/cares/test/gmock-1.7.0/scripts/generator/cpp/ast.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/test/gmock-1.7.0/scripts/generator/cpp/keywords.py  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/third_party/googletest/samples/sample10_unittest.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

```

1.14.1/third\_party/cares/cares/test/gmock-1.7.0/gtest/samples/sample10\_unittest.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/third\_party/googletest/samples/sample9\_unittest.cc  
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest_catch_exceptions_test.py
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* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster
* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing
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1.14.1/src/core/lib/gpr/arena.h

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/channelz\_registry.h

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/call\_combiner.cc

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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/status\_util.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/alts\_transport\_security.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/support/sync\_custom.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/compression/compression\_internal.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/http2/transport/flow\_control.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-



1.14.1/src/core/lib/gprpp/atomic\_with\_atm.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/transport/inproc/inproc\_plugin.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/ext/transport/inproc/inproc\_transport.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/lib/surface/completion\_queue\_factory.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/lib/security/transport/target\_authority\_table.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/lib/iomgr/timer\_manager.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/lib/iomgr/fork\_windows.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/src/core/lib/compression/stream\_compression.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/include/grpc/impl/codegen/sync\_custom.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
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1.14.1/third\_party/boringssl/crypto/fipsmodule/ecdsa/ecdsa\_test.cc  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/crypto/ecdsa\_extra/ecdsa\_asn1.c  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/include/openssl/ecdsa.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/channel.pxd.pxi
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/grpc_string.pyx.pxi
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_grpcio_metadata.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/call.pyx.pxi
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/security.pxd.pxi
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc_core_dependencies.py
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/framework/interfaces/base/base.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/operation.pyx.pxi
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/server.pyx.pxi
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc_version.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/time.pxd.pxi
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/third_party/googletest/scripts/upload.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/event.pyx.pxi
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/_cygrpc/records.pyx.pxi
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/_spawn_patch.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/cygrpc.pyx
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
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1.14.1/src/python/grpcio/grpc/\_cython/\_cygrpc/tag.pyx.pxi  
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 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/tsi/test\_creds/BUILD  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/framework/foundation/stream\_util.py  
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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_cython/cygrpc.pxd
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/commands.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/_utilities.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/framework/common/style.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/framework/interfaces/base/__init__.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/experimental/gevent.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/framework/interfaces/face/utilities.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/beta/interfaces.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/framework/foundation/future.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpc/framework/common/__init__.py
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/Makefile
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```

```
/* gzlog.h
```

```
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/examples/gzlog.h

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/ecdh/ecdh.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/include/openssl/ecdh.h

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```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

```

1.14.1/third\_party/boringssl/ssl/s3\_both.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/third\_party/boringssl/ssl/handshake.cc

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1.14.1/include/grpc/impl/codegen/sync.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/iomgr/unix\_sockets\_posix\_noop.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/surface/lame\_client.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_ev\_driver.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/channel/handshaker\_factory.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/iomgr/endpoint\_pair\_uv.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/slice/percent\_encoding.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/error.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/include/grpc/impl/codegen/propagation\_bits.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/include/grpc/grpc\_security\_constants.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/iomgr/polling\_entity.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/ext/filters/client\_channel/http\_proxy.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/iomgr/socket\_utils\_uv.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/handshaker\_factory.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/error.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/endpoint\_pair\_posix.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/jwt/jwt\_credentials.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/gpr\_types.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/channel\_init.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/plugin\_registry/grpc\_unsecure\_plugin\_registry.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/plugin\_registry/grpc\_plugin\_registry.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/slice\_internal.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/combiner.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/connectivity\_state.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/google\_default/google\_default\_credentials.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/lb\_policy/grpclb/load\_balancer\_api.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/timer\_uv.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/network\_status\_tracker.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/fake/fake\_credentials.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/grpc\_cronet.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/handshaker.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/google\_default/credentials\_generic.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/ev\_poll\_posix.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/ssl/ssl\_credentials.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/plugin\_registry/grpc\_cronet\_plugin\_registry.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gprpp/manual\_constructor.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/backoff/backoff.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/channel/handshaker.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/http\_connect\_handshaker.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/lb\_policy/grpclb/load\_balancer\_api.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/channel\_init.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/plugin/plugin\_credentials.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/validate\_metadata.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/server/chttp2\_server.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/gpr\_slice.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/plugin/plugin\_credentials.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/http\_proxy.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/wakeup\_fd\_cv.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/resource\_quota.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/resource\_quota.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/sockaddr\_utils.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/tcp\_uv.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/handshaker\_registry.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/iam/iam\_credentials.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/socket\_utils\_windows.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/percent\_encoding.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/jwt/jwt\_credentials.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/bin\_decoder.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/load\_reporting/server\_load\_reporting\_filter.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/error\_utils.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/mpscq.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/mpscq.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-

1.14.1/src/core/lib/channel/handshaker\_registry.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/unix\_sockets\_posix.cc

1.14.1/src/core/lib/iomgr/unix\_sockets\_posix.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/bdp\_estimator.cc

1.14.1/src/core/lib/transport/bdp\_estimator.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/server/insecure/server\_chttp2\_posix.cc

1.14.1/src/core/ext/transport/chttp2/server/insecure/server\_chttp2\_posix.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/timer\_generic.h

1.14.1/src/core/lib/iomgr/timer\_generic.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/error\_utils.cc

1.14.1/src/core/lib/transport/error\_utils.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/cronet/client/secure/cronet\_channel\_create.cc

1.14.1/src/core/ext/transport/cronet/client/secure/cronet\_channel\_create.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/port.h

1.14.1/src/core/lib/iomgr/port.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/error\_internal.h

1.14.1/src/core/lib/iomgr/error\_internal.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/surface/channel\_stack\_type.cc

1.14.1/src/core/lib/surface/channel\_stack\_type.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/combiner.h

1.14.1/src/core/lib/iomgr/combiner.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset\_uv.cc

1.14.1/src/core/lib/iomgr/pollset\_uv.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/grpc\_posix.h

1.14.1/include/grpc/grpc\_posix.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/pollset\_uv.h

1.14.1/src/core/lib/iomgr/pollset\_uv.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/channel\_stack\_builder.cc

1.14.1/src/core/lib/channel/channel\_stack\_builder.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/slice\_intern.cc

1.14.1/src/core/lib/slice/slice\_intern.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/client/insecure/channel\_create\_posix.cc

1.14.1/src/core/ext/transport/chttp2/client/insecure/channel\_create\_posix.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/cronet/transport/cronet\_transport.h

1.14.1/src/core/ext/transport/cronet/transport/cronet\_transport.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/pid\_controller.h

1.14.1/src/core/lib/transport/pid\_controller.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/load\_reporting/server\_load\_reporting\_filter.cc

1.14.1/src/core/ext/filters/load\_reporting/server\_load\_reporting\_filter.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/pid\_controller.cc

1.14.1/src/core/lib/transport/pid\_controller.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/fake/fake\_credentials.h

1.14.1/src/core/lib/security/credentials/fake/fake\_credentials.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/ssl/ssl\_credentials.cc

1.14.1/src/core/lib/security/credentials/ssl/ssl\_credentials.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/ev\_epollsig\_linux.cc

1.14.1/src/core/lib/iomgr/ev\_epollsig\_linux.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/chttp2/transport/bin\_decoder.cc

1.14.1/src/core/ext/transport/chttp2/transport/bin\_decoder.cc

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-



1.14.1/src/core/lib/iomgr/pollset\_set\_custom.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_wrapper.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/subchannel\_index.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/unix\_sockets\_posix.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_wrapper.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/iomgr/wakeup\_fd\_cv.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_ev\_driver.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_ev\_driver\_posix.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/string\_util\_windows.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/parse\_address.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/channel/channel\_stack\_builder.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/gpr/wrap\_memcpy.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/iam/iam\_credentials.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/include/grpc/impl/codegen/compression\_types.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/cronet/transport/cronet\_api\_dummy.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/security/credentials/oauth2/oauth2\_credentials.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/transport/cronet/transport/cronet\_transport.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/slice\_traits.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/lb\_policy/grpclb/grpclb.cc  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/transport/bdp\_estimator.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/backoff/backoff.h  
 \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/ext/filters/client\_channel/http\_connect\_handshaker.h

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/ares\_library\_init.h  
\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/cares/cares/ares\_destroy.c

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/evp/evp_test.cc
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/cipher_extra/cipher_test.cc

```

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```

/* inflateBack9.h -- header for using inflateBack9 functions
* Copyright (C) 2003 Mark Adler
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```

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```

* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/zlib/contrib/inflateBack9/inflateBack9.h

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- \* Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com)).
- \*
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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/x509/vpm\_int.h

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* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-
1.14.1/third_party/boringssl/crypto/dh/params.c
```

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

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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).

```
*/
```

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```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/zlib/zlib.h
```

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\* Originally written by Shay Gueron (1, 2), and Vlad Krasnov (1)

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/rsaz\_exp.c

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/bn/rsaz\_exp.h

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\*/opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/cares/cares/ares\_nowarn.c

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```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/crypto/fipsmodule/bn/montgomery.c
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third_party/boringssl/include/openssl/err.h
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```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/slice_weak_hash_table.h
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/core/lib/slice/slice_hash_table.h
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```

```
/* puff.h
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```

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// Inspired by Daniel J. Bernstein's public domain nistp224 implementation

// and Adam Langley's public domain 64-bit C implementation of curve25519.

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// CRYPTO\_is\_confidential\_build returns one if the linked version of BoringSSL

// has been built with the BORINGSSL\_CONFIDENTIAL define and zero otherwise.

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Metadata-Version: 1.1

Name: grpcio

Version: 1.14.1

Summary: HTTP/2-based RPC framework

Home-page: <https://grpc.io>

Author: The gRPC Authors

Author-email: [grpc-io@googlegroups.com](mailto:grpc-io@googlegroups.com)

License: Apache License 2.0

Description: gRPC Python

=====

Package for gRPC Python.

Installation

-----

gRPC Python is available for Linux, macOS, and Windows.

From PyPI

~~~~~

If you are installing locally...

::

```
$ pip install grpcio
```

Else system wide (on Ubuntu)...

::

```
$ sudo pip install grpcio
```

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
```

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!

#### From Source

~~~~~

Building from source requires that you have the Python headers (usually a package named `python-dev`).

::

```
$ export REPO_ROOT=grpc # REPO_ROOT can be any directory of your choice
$ git clone -b $(curl -L https://grpc.io/release) https://github.com/grpc/grpc $REPO_ROOT
$ cd $REPO_ROOT
$ git submodule update --init

For the next two commands do `sudo pip install` if you get permission-denied errors
$ pip install -rrequirements.txt
$ 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 `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 the following error on some platforms\*\*

::

```
/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
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

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

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```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/src/python/grpcio/grpcio.egg-info/PKG-INFO
```

```
* /opt/cola/permits/1161056020_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/PKG-INFO
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```

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- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/modes/cfb.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/modes/ofb.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/modes/ctr.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/modes/cbc.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/modes/gcm.c
- \* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/modes/internal.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/modes/gcm\_test.cc

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

Version 1.1, February 14h, 2010

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

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/zlib/contrib/minizip/zip.h

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\* Originally written by Shay Gueron (1, 2), and Vlad Krasnov (1)

\* (1) Intel Corporation, Israel Development Center, Haifa, Israel

\* (2) University of Haifa, Israel

\*

\* Reference:

\* S.Gueron and V.Krasnov, "Fast Prime Field Elliptic Curve Cryptography with

\* 256 Bit Primes"

\*/

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/ec/p256-x86\_64.h

\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-1.14.1/third\_party/boringssl/crypto/fipsmodule/ec/p256-x86\_64.c

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\* /opt/cola/permits/1161056020\_1620445410.41/0/grpcio-1-14-1-1-tar-gz/grpcio-  
1.14.1/third\_party/boringssl/include/openssl/x509.h

## 1.59 dnsmasq 2.85

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```
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```

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```
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```

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## 1.65 xinetd 2.3.15-r2

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## 1.67 sysv-init 2.86-1

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- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>.

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

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## 1.72 ethtool 4.19

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## 1.74 open-ldap 2.4.57-r0

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## 1.75 nserter 0.2

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```
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@c man end

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

## HISTORY -

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

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

contributions have also been made by many others.

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by

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

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

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.

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

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and

Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and

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

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

Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and

Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.

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

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

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

Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.

David Chase, then at Olivetti Research, suggested several improvements.

Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.

Jesse Hull and John Ellis supplied the C++ interface code.

Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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Directory native/fdlibm

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\* m4/ax\_func\_which\_gethostbyname\_r.m4

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Version 3.1, 31 March 2009

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

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

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



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

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

@iftex

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@ifinfo

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@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end ifinfo

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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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@item

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

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

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

application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)  
@end enumerate

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

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

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

@item

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

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

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

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

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

@item

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

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

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

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

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

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@end enumerate

@iftex

@heading END OF TERMS AND CONDITIONS

@end iftex

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@center END OF TERMS AND CONDITIONS

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@page

@appendixsubsec How to Apply These Terms to Your New Libraries

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

@smallexample

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

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@end smallexample

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

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school, if any, to sign a ``copyright disclaimer" for the library, if  
necessary. Here is a sample; alter the names:

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

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

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

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Version 2.1, February 1999

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

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

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

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

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This is the Debian GNU/Linux prepackaged version of lrzsz.

This package was put together by Uwe Ohse <uwe@ohse.de>. I don't really know how to handle debian packages, so don't be surprised if something is wrong.

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

#### HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.

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

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

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.

Al Dossier (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX

systems. Parag Patel (parag@netcom.com) supplied the A/UX code.  
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Thomas Funke (thf@zelator.in-berlin.de(?)) and  
Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.  
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.  
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader  
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and  
Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and  
Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.  
Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports.  
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.  
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to  
a Motorola 88K processor running CX/UX (Harris NightHawk).  
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to  
nonIBM development environments (a nontrivial task).  
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.  
David Chase, then at Olivetti Research, suggested several improvements.  
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the  
code to save and print call stacks for leak detection on a SPARC.  
Jesse Hull and John Ellis supplied the C++ interface code.  
Zhong Shao performed much of the experimentation that led to the  
current typed allocation facility. (His dynamic type inference code hasn't  
made it into the released version of the collector, yet.)  
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Mathias Koch (mkoch - at - idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200)

--- end ---

<!DOCTYPE html>

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<head></head>

<body>

<h3>

Copyright Test

</h3>

<p class="copyright">

1963, 1964, 1965 Jane Doe

</p>

<p class="copyright">

2018 Joe Blow, John Coe

</p>

<p class="copyright">

1977, 1985 Someone else

</p>

</body>

</html>

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<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
xmlns:xi="http://www.w3.org/2001/XInclude">
 <title>Copyright Test</title>
 <articleinfo>
 <copyright>
 <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
 </copyright>
 <copyright>
 <year>2018</year> <holder>Joe Blow, John Coe</holder>
 </copyright>
 <copyright>
 <year>1977</year> <year>1985</year> <holder>Someone else</holder>
 </copyright>
 </articleinfo>
</article>
```

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////

[#mpl]

# MPL Support, <boost/mp11/mpl.hpp>

:toc:

:toc-title:

:idprefix:

The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

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

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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  
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The hypothetical commands `show w' and `show c' should show the appropriate  
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be called something other than `show w' and `show c'; they could even be  
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school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here is a sample; alter the names:

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<signature of Ty Coon>, 1 April 1989  
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The End

## 1.82 cpio 2.12-r0

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Version 3, 29 June 2007

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## 1.83 linux-kernel 5.10.105

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```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
```



\* 2) skb\_clone of received buffers  
\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation  
\* details.  
\*  
\*  
\*  
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\* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.  
\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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## 1.85 binutils 2.31.51

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

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

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

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

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

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

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

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

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

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

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

The "Library", below, refers to any such software library or work

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

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

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

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

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

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses

the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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

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

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

This option is useful when you wish to copy part of the code of

the Library into a program that is not a library.

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

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

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

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

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

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

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

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a

work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

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

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

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally

accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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

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

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

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#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Libraries

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

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

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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

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Version 2.1, February 1999

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Preamble

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

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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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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.

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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.

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(This file is under construction.) -\*- text -\*-

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This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various

enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k,

i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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# 1.86 html5lib 1.0.1

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# 1.87 headline 6.2

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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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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
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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Julian Seward, Cambridge, UK.  
jseward@acm.org  
bzip2/libbzip2 version 1.0.2 of 30 December 2001

/\*  
minibz2  
libbz2.dll test program.

by Yoshioka Tsuneo (tsuneo@rr.iij4u.or.jp)

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```
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## 1.103 bash 4.4.23

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## 1.105 inetutils 1.9.4

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Version 2, June 1991

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

#### Preamble

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

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

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

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

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave

you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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

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

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

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

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

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

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to



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

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

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

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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

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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:

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

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

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

distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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.

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b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining

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#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Libraries

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

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

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

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

That's all there is to it!

# 1.107 dc 1.07

## 1.107.1 Available under license :

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Version 3, 29 June 2007

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To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have

certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

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

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

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

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

## TERMS AND CONDITIONS

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

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#### 1. Source Code.

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

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

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that

Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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

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- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) You must license the entire work, as a whole, under this

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

## 6. Conveying Non-Source Forms.

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

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This

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## 1.108 libvirt 4.7.0-r0

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## 1.109 pciutils 3.6.2

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The End

## 1.111 asn1crypto 0.24.0-1.ph3

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## 1.113 python-setuptools 47.1.0

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## 1.114 go-runtime 1.5.3

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## 1.115 sysfsutils 2.1.0-r5

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## 1.116 slang 2.3.2



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## 1.118 pyudev 0.21.0

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## 1.119 eject 2.1.0

## 1.119.1 Available under license :

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Version 2, June 1991

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```

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This package was originally maintained by Martin Mitchell <[martin@debian.org](mailto:martin@debian.org)>, who added the various debian/\* files.

It is now maintained by Frank Lichtenheld <[djpig@debian.org](mailto:djpig@debian.org)>.

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## 1.120 python-setuptools 40.0.0

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Ackeret, Matt  
Adler, Mark  
Allbery, Russ  
Anderson, Jamie  
Andrew, Nick  
Andric, Dimitry  
Barron, Danny  
Bates, Tom  
Behan, Zdenk  
Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider  
Bos, Sander  
Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
Brantley, Michael  
Braun, Rob  
Bezina, Pavel  
Brooks, Piete  
Brown, Jerry  
Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
Calvin, Gary  
Campbell, Aaron

Chazelas, Stephane  
Cheloha, Scott  
ek, Vtislav  
Coleman, Chris  
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Dai, Wei  
Dill, David  
Earickson, Jeff  
Eckhardt, Drew  
Edgington, Ben  
Esipovich, Marc  
Espie, Marc  
Faigon, Ariel  
Farrell, Brian  
Fobes, Steve  
Frysinger, Mike  
G., Daniel Richard  
Gailly, Jean-loup  
Gelman, Stephen  
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Kasal, Stepan  
Kienenberger, Mike  
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Klyachkin, Andrey  
Knoble, Jim

Knox, Tim  
Komarnitsky, Alek O.  
Kondrashov, Nikolai  
Kopeek, Daniel  
Kranenburg, Paul  
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Lakin, Eric  
Larsen, Case  
Levin, Dmitry V.  
Libby, Kendall  
Lobbes, Phillip E.  
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Webb, Kirk  
Wetzel, Timm  
Wieringen, Marco van  
Wilk, Jakub

Winiger, Gary  
Wood, David  
Zacarias, Gustavo  
Zolnowsky, John

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

Albuquerque, Pedro  
Blttermann, Mario  
Bogusz, Jakub  
Buo-ren, Lin  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho  
Chornoivan, Yuri  
Diguez, Francisco  
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Garca-Fontes, Walter  
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Maryanov, Pavel  
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Qun, Trn Ngc  
Rasmussen, Sebastian  
Regueiro, Leandro  
Sarar, zgr

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

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

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## 1.124 rpm 4.14.2

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Version 2, June 1991

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

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```

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```

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Version 2, June 1991

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

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# 1.125 e2fsprogs 1.45.6-r0

## 1.125.1 Available under license :

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

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#

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

```

#
In order to use this stub, the following makefile variables must be defined.
#
BSDLIB_VERSION = 1.0
BSDLIB_IMAGE = libce
BSDLIB_MYDIR = et
BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

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

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

image: $(BSD_LIB)

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

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

install-strip: install

install-shlibs-strip:: install-shlibs

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

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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

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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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```
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<signature of Ty Coon>, 1 April 1990  
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That's all there is to it!

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

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

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Peron, Christian S.J.  
Peschel, Aaron  
Peslyak, Alexander  
Peterson, Toby  
Petten, Diego Elio  
Pickett, Joel  
Plotnick, Alex  
de Raadt, Theo  
Rasch, Gudleik  
Reid, Steve  
Richards, Matt  
Rossum, Guido van  
Rouillard, John P.  
Rowe, William A., Jr.  
Roy, Alain  
Ruusame, Elan  
Ryabinkin, Eygene  
Sato, Yuichi

Snchez, Wilfredo  
Sanders, Miguel  
Sasaki, Kan  
Saucier, Jean-Francois  
Schoenfeld, Patrick  
Schuring, Arno  
Schwarze, Ingo  
Scott, Dougal  
Sieger, Nick  
Simon, Thor Lancelot  
Slemko, Marc  
Smith, Andy  
Sobrado, Igor  
Soulen, Steven  
Spangler, Aaron  
Spradling, Cloyce D.  
Spradling, Michael  
Stier, Matthew  
Stoeckmann, Tobias  
Street, Russell  
Stritzky, Tilo  
Stroucken, Michael  
Tarrall, Robert  
Thomas, Matthew  
Todd, Giles  
Toft, Martin  
Torek, Chris  
Tucker, Darren  
Uhl, Robert  
Uzel, Petr  
Valery, Reznic  
Van Dinter, Theo  
Venckus, Martynas  
de Vries, Maarten  
Wagner, Klaus  
Walsh, Dan  
Warburton, John  
Webb, Kirk  
Wetzel, Timm  
Wieringen, Marco van  
Wilk, Jakub  
Winiger, Gary  
Wood, David  
Zacarias, Gustavo  
Zolnowsky, John

The following people have worked to translate sudo into other languages as part of the Translation Project, see

<https://translationproject.org> for more details.

Albuquerque, Pedro  
Blttermann, Mario  
Bogusz, Jakub  
Buo-ren, Lin  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho  
Chornoivan, Yuri  
Diguez, Francisco  
Fontenelle, Rafael  
Garca-Fontes, Walter  
Gezer, Volkan  
Hamasaki, Takeshi  
Hamming, Peter  
Hansen, Joe  
Hantrais, Frdric  
Hein, Jochen  
Hufthammer, Karl Ove  
Jerovek, Damir  
Karvonen, Jorma  
Kazik, Duan  
Kelemen, Gbor  
Keeci, Mehmet  
Koir, Klemen  
Kozlov, Yuri  
Kramer, Jakob  
Krznar, Tomislav  
Marchal, Frdric  
Margeviius, Algimantas  
Maryanov, Pavel  
Florentina Muat  
Nurmi, Lauri  
Nikoli, Miroslav  
Nylander, Daniel  
Pan, Yi-Jyun  
Psa, Petr  
Puente, Enol  
Putanec, Boidar  
Qun, Trn Ngc  
Rasmussen, Sebastian  
Regueiro, Leandro  
Sarar, zgr  
Sendn, Abel  
erbnescu, Daniel  
Sikrom, ka  
Spingos, Dimitris



Taniguchi, Yasuaki  
Tomat, Fbio  
r, Balzs  
Uranga, Mikel Olasagasti  
Vorotnikov, Artem  
Wang, Wylmer  
Yang, Boyuan

The following people designed the artwork used on the sudo website:

Shield logo: Badger, Trent  
Sandwich logo: Stillman, Mark

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include/bsd/sys/queue.h  
include/bsd/sys/time.h  
include/bsd/timeconv.h  
include/bsd/vis.h  
man/bitstring.3bsd  
man/errc.3bsd  
man/explicit\_bzero.3bsd  
man/fgetln.3bsd  
man/fgetwln.3bsd  
man/fpurge.3bsd  
man/funopen.3bsd  
man/getbsize.3bsd  
man/heapsort.3bsd  
man/nlist.3bsd  
man/queue.3bsd  
man/radixsort.3bsd  
man/reallocarray.3bsd  
man/reallocf.3bsd  
man/setmode.3bsd  
man/strmode.3bsd  
man/strnstr.3bsd  
man/strtoi.3bsd  
man/strtou.3bsd  
man/unvis.3bsd  
man/vis.3bsd  
man/wcsncpy.3bsd  
src/getbsize.c  
src/heapsort.c  
src/merge.c  
src/nlist.c  
src/radixsort.c  
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man/fmtcheck.3bsd  
man/humanize\_number.3bsd  
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man/timeval.3bsd  
src/fmtcheck.c  
src/humanize\_number.c  
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man/pidfile.3bsd  
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man/strncpy.3bsd

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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  
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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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# 1.130 ncurses 6.3

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```

```
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# 1.132 util-linux 2.32.1-r0

## 1.132.1 Available under license :

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*/
```

```
NR START END SECTORS SIZE NAME UUID
1 32 7679 7648 3.7M 8f8378c0-01
2 7680 16383 8704 4.3M 8f8378c0-02
5 7936 12799 4864 2.4M
6 12544 16127 3584 1.8M
```

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## 1.133 pep517 0.8.2

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```
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 version 1.2.11, January 15th, 2017
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Upstream-Contact: Sebastian Pipping <sebastian@pipping.org>

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/\* crc32c.c -- compute CRC-32C using the Intel crc32 instruction

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Mark Adler

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\*/

src/xxhash.[ch] src/lz4\*.ch: git@github.com:lz4/lz4.git e2827775ee80d2ef985858727575df31fc60f1f3

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src/xxhash.[ch] src/lz4\*.ch: git@github.com:lz4/lz4.git e2827775ee80d2ef985858727575df31fc60f1f3



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## 1.149 strace 4.24

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## 1.150 libunistring 0.9.10

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# 1.152 glibc 2.28

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```

```
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@display
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```
@end display
```

```
@subheading Preamble
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/\* setjmp is implemented in setjmp.S \*/

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

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

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```
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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The End

## 1.154 certifi 2019.11.28

### 1.154.1 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 \$

# 1.155 sed 4.2.2-r0

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Version 3, 29 June 2007

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## 1.159 zlib 1.2.11-r0

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## 1.162 libksba 1.3.5

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## 1.163 grpc 1.15.1

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27287880  
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# 1.165 grep 3.1-r0

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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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15. definitelytyped (<https://github.com/DefinitelyTyped/DefinitelyTyped>)
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17. dotnet/csharp-tmlanguage version 0.1.0 (<https://github.com/dotnet/csharp-tmlanguage>)
18. freebroccolo/atom-language-swift (<https://github.com/freebroccolo/atom-language-swift>)
19. HTML 5.1 W3C Working Draft version 08 October 2015 (<http://www.w3.org/TR/2015/WD-html51-20151008/>)
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## 1.182 sqlite 3.35.5

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# 1.184 nettle 3.7.3

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```

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# 1.185 docker-pycreds 0.3.0

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# 1.186 perl 5.24.4

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

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---  
abstract: 'Build and install Perl modules'

author:

- 'Ken Williams <kwilliams@cpan.org>'

- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."

build\_requires:

File::Temp: 0.15

Test::Harness: 3.16

Test::More: 0.49

generated\_by: 'Module::Build version 0.3608'

license: gpl

meta-spec:

url: <http://module-build.sourceforge.net/META-spec-v1.4.html>

version: 1.4

name: Module-Build

resources:

MailingList: <mailto:module-build@perl.org>

license: <http://dev.perl.org/licenses/>

repository: <http://github.com/dagolden/module-build/>

version: 3

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```
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```

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

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The End

```
#!/perl
```

```
=head1 NAME
```

```
copyright.t
```

```
=head1 DESCRIPTION
```

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

```
=cut
```

```
use strict;
```

```
use Config;
```

```
BEGIN { require './test.pl' }
```

```
if ($Config{usecrosscompile}) {
```

```
 skip_all("Not all files are available during cross-compilation");
```

```
}
```

```
my ($opt) = @ARGV;
```

```
my $readme_year = readme_year();
```

```
my $v_year = v_year();
```

```
Check that both copyright dates are up-to-date, but only if requested, so
```

```
that tests still pass for people intentionally working on older versions:
```

```
if ($opt eq '--now')
```

```
{
```

```

my $current_year = (gmtime)[5] + 1900;
is $v_year, $current_year, 'perl -v copyright includes current year';
is $readme_year, $current_year, 'README copyright includes current year';
}

Otherwise simply check that the two copyright dates match each other:
else
{
is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
returns the latest copyright year from the top-level README file
{

open my $readme, '<', './README' or die "Opening README failed: $!";

The copyright message is the first paragraph:
local $/ = "";
my $copyright_msg = <$readme>;

my ($year) = $copyright_msg =~ /\b(\d{4,})/s
 or die "Year not found in README copyright message '$copyright_msg'";

$year;
}

sub v_year
returns the latest copyright year shown in perl -v
{

my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.\b(\d{4,})/i
 or die "Copyright statement not found in perl -v output '$output'";

$year;
}

```

## 1.187 cronie 1.5.2-r0

## 1.187.1 Available under license :

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## 1.195 kmod 25

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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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Send patches to `sysvinit-devel@nongnu.org`

The of the start-stop-daemon

- \* A rewrite of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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## 1.201 iputils 20180629

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# 1.205 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](mailto: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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the public domain dedication, visit
```

Found in path(s):

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/example/GardenSnake/GardenSnake.py
```

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

```
All rights reserved
```

Found in path(s):

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/ply/cpp.py
```

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```
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Found in path(s):

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/ply/lex.py
```

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/ply/yacc.py
```

## 1.206 libtomcrypt 1.17

### 1.206.1 Available under license :

```
/*
 * SHA-512
 * Implementation derived from LibTomCrypt (Tom St Denis)
 *
 * LibTomCrypt is a library that provides various cryptographic
 * algorithms in a highly modular and flexible manner.
 *
 * The library is free for all purposes without any express
 * guarantee it works.
 *
 * Tom St Denis, tomstdenis@gmail.com, http://libtomcrypt.org
 */
```

## 1.207 wget 1.19.5

### 1.207.1 Available under license :

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Version 3, 29 June 2007

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\* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

\* atf-c/ui.c: The format\_paragraph and format\_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

\* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io\_test.cpp: These files were derived from the file\_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

```
=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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-->

<!-- Id -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"
```

```

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">
 <xsl:param name="text"/>
 <xsl:value-of select="$isc.copyright.leader"/>
 <xsl:value-of select="normalize-space(substring-before($text, '
'))"/>
 <xsl:text>
</xsl:text>
 <xsl:variable name="rest" select="substring-after($text, '
')"/>
 <xsl:if test="translate($rest, '	 ', '')">
 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text" select="$rest"/>
 </xsl:call-template>
 </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
 <xsl:text>
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 License, v. 2.0. If a copy of the MPL was not distributed with this
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 </xsl:text>
</xsl:variable>

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

<!--
- Local variables:
- mode: sgml
- End:

```

-->

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```
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*
* Wireshark - Network traffic analyzer
* By Gerald Combs <gerald@wireshark.org>
```

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## 1.211 coreutils 8.30-r0

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# 1.213 bison 3.7.6

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Upstream-Name: liblz4

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

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

Files: \*

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## 1.218 tdb 1.45.6

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

```
all:: image
```

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

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

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

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

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

```
install-strip: install
```

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::

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

clean::

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

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

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

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

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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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```

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```

```
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```

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

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

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal

permission to copy, distribute and/or modify the library.

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

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

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

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

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

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

The precise terms and conditions for copying, distribution and



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

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

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to

exercise the right to control the distribution of derivative or collective works based on the Library.

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

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

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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.

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

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

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b) Accompany the work with a written offer, valid for at

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

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Ty Coon, President of Vice

That's all there is to it!

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

This package was put together by Yann Dirson <dirson@debian.org>.

from sources obtained from a mirror of:  
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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

This package was put together by Yann Dirson <dirson@debian.org>,  
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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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```

```
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Ty Coon, President of Vice
```

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Installing Wireshark on FreeBSD/OpenBSD/NetBSD/DragonFly BSD

=====

1. Extra packages required
2. Compiling Wireshark
3. Berkeley Packet Filter (BPF) requirement
4. Running Wireshark as a non-root user

1. Extra packages required

-----

Wireshark requires a number of additional programs to function.

Install the latest versions of the following programs before compiling:

The easiest way to install these is by using your operating system's ports or packages system. If you prefer to build from source, the programs can be found at the following sites:

glib 2.32 or later:

[ftp.gnome.org/pub/gnome/sources/glib/](ftp://ftp.gnome.org/pub/gnome/sources/glib/)

<http://ftp.gnome.org/pub/gnome/sources/glib/>

pkgconfig:



<http://pkgconfig.freedesktop.org/releases/>

python 3.4 or later:

<https://www.python.org/downloads/source/>

If you want to use the Wireshark GUI, install one or both of these toolkits:

Qt 5.2 or later:

[http://download.qt-project.org/official\\_releases/qt/](http://download.qt-project.org/official_releases/qt/)

(These programs may require additional dependencies)

Additional programs can be used to enhance Wireshark's functionality. These can be found by typing `./configure --help` or looking at the output at the end of running the configure script.

## 2. Compiling Wireshark

-----

To compile Wireshark with the default options, run `configure`, `make` and `make install` (you may have to run `"autogen.sh"` first):

```
./configure
make
make install
```

The `configure` and `make` steps can be run as a non-root user and you can run Wireshark from the compilation directory itself. You must run `make install` as root in order to copy the program to the proper directories.

## 3. Berkeley Packet Filter (BPF) requirement

-----

In order to capture packets (with Wireshark/TShark, `tcpdump`, or any other packet capture program) on a BSD system, your kernel must have the Berkeley Packet Filter mechanism enabled. The default kernel configurations in recent versions of BSD systems have this enabled already. To verify the `bpf` device is present, look in the `/dev` directory:

```
ls -l /dev/bpf*
```

You should see one or more `bpf` devices listed similar to this:

```
crw----- 1 root wheel 0, 90 Aug 10 21:05 /dev/bpf0
crw----- 1 root wheel 0, 91 Aug 10 21:05 /dev/bpf1
```

Packet-capturing programs will pick the first bpf device that's not in use. Recent versions of most BSDs will create bpf devices as needed, so you don't have to configure the number of devices that will be available.

#### 4. Running wireshark as a non-root user

-----  
Since the bpf devices are read-only by the owner (root), you normally have to run packet capturing programs such as Wireshark as root. It is safer to run programs as a non-root user if possible. To run Wireshark as a non-root user, you must change the permissions on the bpf device(s). If you are the only user that needs to use Wireshark, the easiest way is to change the owner of each bpf device to your username. You can also add the read/write ability to the group (typically wheel) and add users that need to use Wireshark to the wheel group. Check your operating system's documentation on how to make permanent these changes as they are often reset upon reboot; if /dev is implemented with devfs, it might be possible to configure devfs to create all bpf devices owned by a particular user and/or group and with particular permissions. In FreeBSD 6.0 and later this can be done by creating an /etc/devfs.rules file with content such as

```
[localrules=10]
add path 'bpf*' {mode and permissions}
```

where "mode and permissions" can include clauses such as

```
mode {octal permissions}
```

to set the permissions on the device (e.g., "mode 0660" to set the permissions to rw-rw-r--),

```
user {user}
```

to set the user who owns the device, or

```
group {group}
```

to set the group that owns the device and adding a line such as

```
devfs_system_ruleset=localrules
```

to /etc/rc.conf. For example, an /etc/devfs.rules file with

```
[localrules=10]
add path 'bpf*' mode 0660 group wheel
```

will grant read and write permissions on all BPF devices to all users in

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/\* <filename>.c  
\*  
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# 1.221 open-ldap 2.4.57

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```
-makefile-
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```

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

```
Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
```

```

SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

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

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

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

Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

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

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

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

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

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

Versioned libraries rules

```

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

```
End FreeBSD-specific setup
```

## 1.223 sed 4.1.5

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# 1.224 binutils 2.36.1

## 1.224.1 Available under license :

(This file is under construction.) -\*- text -\*-

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+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon



University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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* Tim Martin
```

```
* Rob Earhart
```

```
* Rob Siemborski
```

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*/
```

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```
#define _KERBEROS_MIT_COPYRIGHT_H
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* Tim Martin
* Rob Earhart
* Rob Siemborski
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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

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## 1.232 mtd-utils 2.0.2

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

## 1.237 rpcbind 0.2.4

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1045960566_1592319068.67/0/pld-linux-rpcbind-auto-th-rpcbind-0-2-4-1-0-
g743aa28-tar-gz/pld-linux-rpcbind-743aa28/rpcbind.spec
```

## 1.238 unzip 6.0

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---

FIRST NOTE:

This file contains some details about the copyright history of contributions to the UnZip project.

Additionally, it summarises some exceptions to the general BSD-like copyright found in LICENSE that covers our generic code and most of the system specific ports.

Please read LICENSE first to find out what is allowed to do with Info-ZIP's UnZip code.

-----

There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):

Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/\*"), Steve P. Miller (Pocket UnZip GUI "wince/\*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding in an apparatus that performs LZW encoding, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)



---

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

```
* MoreFiles
*
* A collection of File Manager and related routines
*
* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
* with significant code contributions by Nitin Ganatra
* (Apple Macintosh Developer Technical Support Emeritus)
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*
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* from Apple Sample Code, but that you've made
* changes."
```

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The following copyright applies to the Mac OS "macbin3" decoding code (extra field compatibility with ZipIt):

```
* MacBinaryIII.h
*
* Copyright 1997 Christopher Evans (cevens@poppybank.com)
*
* Basic encoding and decoding of Macintosh files to the
* MacBinary III spec.
* -----
* This source is copyrighted by Christopher Evans (cevens@poppybank.com)
* (available at ftp://ftp.lazerware.com/MacBinaryIII_src_C.sit
* homepage of Leonard Rosenthol leonardr@netcom.com)
```

This copyright note does not contain any usage terms. So, we assume that this code is freely reusable until we are proved wrong...

-----

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```
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*
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* If you use this in your own program you must distribute source code.
* Do not use any of this in a commercial product.
```

Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS), 71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP

remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduce code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

-----

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-----

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-----

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- \* Miller. The product "Pocket UnZip" itself is property of the
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-----

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

-----

# 1.239 kpatch 0.9.5+git0+61fc3f1077-r0

## 1.239.1 Available under license :

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## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, \*BSD)

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## Commands to generate dependency files

GEN\_DEPS.c= \$(CC) -E -MM \$(DEFS) \$(CPPFLAGS)

GEN\_DEPS.cc= \$(CXX) -E -MM \$(DEFS) \$(CPPFLAGS)

## Flags for position independent code

SHAREDLIBCFLAGS = -fPIC

SHAREDLIBCXXFLAGS = -fPIC

SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads

THREADSCPPFLAGS = -D\_REENTRANT

LIBCPPFLAGS =

## Compiler switch to embed a runtime search path

LD\_RPATH=

LD\_RPATH\_PRE= -Wl,-rpath,

## Compiler switch to embed a library name

LD\_SONAME = -Wl,-soname -Wl,\$(notdir \$(MIDDLE\_SO\_TARGET))

## Shared library options

LD\_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix

SO = so

## Non-shared intermediate object suffix

STATIC\_O = ao

```

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

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

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

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

Versioned libraries rules

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

Bind internal references

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

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

Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

End BSD-specific setup

```

# 1.246 packaging 16.8

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## 1.248 kmod 25

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## 1.251 recode 3.6

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## 1.252 pyasn1 0.4.4-1.ph3

### 1.252.1 Available under license :

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ASN.1 library for Python

-----  
[![PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.org/project/pyasn1)  
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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/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/compat/calling.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/compat/\_\_main\_\_.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/type/namedval.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/compat/test\_binary.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/compat/dateandtime.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/type/error.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/type/constraint.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/codec/\_\_main\_\_.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/compat/string.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/debug.py
- \* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-

```

0.4.4/pyasn1/codec/der/decoder.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/type/useful.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/error.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-
0.4.4/pyasn1/codec/native/encoder.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/__main__.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/type/test_namedtype.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/type/test_char.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-
0.4.4/tests/codec/der/test_encoder.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/type/test_namedval.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-
0.4.4/pyasn1/codec/ber/decoder.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/compat/integer.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/type/tag.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/pyasn1/type/namedtype.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/base.py
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/tests/type/test_univ.py
No license file was found, but licenses were detected in source scan.

```

## ASN.1 library for Python

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=====
```

```

.. toctree::
 :maxdepth: 1

```

### Abstract Syntax Notation One (ASN.1

<[http://en.wikipedia.org/wiki/Abstract\\_Syntax\\_Notation\\_1](http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1)>\_) 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 became 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

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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

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

[/pyasn1/contents](#)

## Use case

-----

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

[/example-use-case](#)

## Download & Install

-----

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

[/download](#)

## Changes

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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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.. toctree::
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```

[/changelog](#)

## License

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The PyASN1 software is distributed under 2-clause BSD License.

.. toctree::  
:maxdepth: 2

/license

Getting help

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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

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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/cola/permits/1161616804\_1621638494.08/0/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.

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\* /opt/cola/permits/1161616804\_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/LICENSE.rst

## 1.253 chardet 3.0.4-2.ph4

### 1.253.1 Available under license :

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Version 2.1, February 1999

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```
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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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## 1.257 idna 2.7-1.ph3

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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 < (2,6):
```

```
 raise SystemExit("Sorry, Python 2.6 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 :: 2.6',
```

```
 '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',
```

```
 'Topic :: Internet :: Name Service (DNS)',
```

```
 'Topic :: Software Development :: Libraries :: Python Modules',
```

```
 'Topic :: Utilities',
```

```
],
```

```
'test_suite': 'tests',
}

setup(**arguments)

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

Found in path(s):

\* /opt/cola/permits/1161616786\_1621638310.0/0/idna-2-7-1-tar-gz/idna-2.7/setup.py

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Version 3, 29 June 2007

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```
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Ty Coon, President of Vice

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\*/

## 1.261 blas 3.8.0

### 1.261.1 Available under license :

# Contributions to the OpenBLAS project

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\* Optimize BLAS3 on ICT Loongson 3A.

\* Optimize BLAS3 on Intel Sandy Bridge.

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\* [2013-03-04] Optimize AVX and FMA4 DGEMM on AMD Bulldozer

\* [2013-04-27] Optimize AVX and FMA4 TRSM on AMD Bulldozer

\* [2013-06-09] Optimize AVX and FMA4 SGEMM on AMD Bulldozer

\* [2013-06-11] Optimize AVX and FMA4 ZGEMM on AMD Bulldozer

\* [2013-06-12] Optimize AVX and FMA4 CGEMM on AMD Bulldozer

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\* [2013-06-20] Optimize ddot, daxpy kernel on AMD Bulldozer

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## Previous Developers

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\* Improve the compatibility about complex number

\* Build LAPACKE: C interface to LAPACK

\* Improve the windows build.

\* Chen Shaohu <huhumartinwar@gmail.com>

\* Optimize GEMV on the Loongson 3A processor.

- \* Luo Wen
- \* Intern. Test Level-2 BLAS.

## ## Contributors

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- \* pipping <<http://page.mi.fu-berlin.de/pipping>>
  - \* [2011-06-11] Make USE\_OPENMP=0 disable openmp.
- \* Stefan Karpinski <[stefan@karpinski.org](mailto:stefan@karpinski.org)>
  - \* [2011-12-28] Fix a bug about SystemStubs on Mac OS X.
- \* Alexander Eberspcher <<https://github.com/aegerspaecher>>
  - \* [2012-05-02] Add note on patch for segfaults on Linux kernel 2.6.32.
- \* Mike Nolta <[mike@nolta.net](mailto:mike@nolta.net)>
  - \* [2012-05-19] Fix building bug on FreeBSD and NetBSD.
- \* Sylvestre Ledru <<https://github.com/sylvestre>>
  - \* [2012-07-01] Improve the detection of sparc. Fix building bug under Hurd and kfreebsd.
- \* Jameson Nash <<https://github.com/vtjnash>>
  - \* [2012-08-20] Provide support for passing CFLAGS, FFLAGS, PFLAGS, FPFLAGS to make on the command line.
- \* Alexander Nasonov <[alnsn@yandex.ru](mailto:alnsn@yandex.ru)>
  - \* [2012-11-10] Fix NetBSD build.
- \* Sbastien Villemot <[sebastien@debian.org](mailto:sebastien@debian.org)>
  - \* [2012-11-14] Fix compilation with TARGET=GENERIC. Patch applied to Debian package.
  - \* [2013-08-28] Avoid failure on qemu guests declaring an Athlon CPU without 3dnow!
- \* Kang-Che Sung <[Explorer09@gmail.com](mailto:Explorer09@gmail.com)>
  - \* [2013-05-17] Fix typo in the document. Re-order the architecture list in getarch.c.
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  - \* [2013-05-22] Adjust Makefile about downloading LAPACK source files.
- \* Lei WANG <<https://github.com/wlbksy>>
  - \* [2013-05-22] Fix a bug about wget.
- \* Dan Luu <<http://www.linkedin.com/in/danluu>>
  - \* [2013-06-30] Add Intel Haswell support (using sandybridge optimizations).
- \* grisuthedragon <<https://github.com/grisuthedragon>>
  - \* [2013-07-11] create openblas\_get\_parallel to retrieve information which parallelization

model is used by OpenBLAS.

- \* Elliot Saba <staticfloat@gmail.com>
- \* [2013-07-22] Add in return value for `interface/trtri.c`
  
- \* Sbastien Fabbro <bicatali@gentoo.org>
- \* [2013-07-24] Modify makefile to respect user's LDFLAGS
- \* [2013-07-24] Add stack markings for GNU as arch-independent for assembler files
  
- \* Viral B. Shah <viral@mayin.org>
- \* [2013-08-21] Patch LAPACK XLASD4.f as discussed in JuliaLang/julia#2340
  
- \* Lars Buitinck <https://github.com/larsmans>
- \* [2013-08-28] get rid of the generated cblas\_noconst.h file
- \* [2013-08-28] Missing threshold in gemm.c
- \* [2013-08-28] fix default prefix handling in makefiles
  
- \* yieldthought <https://github.com/yieldthought>
- \* [2013-10-08] Remove -Wl,--retain-symbols-file from dynamic link line to fix tool support
  
- \* Keno Fischer <https://github.com/loladiro>
- \* [2013-10-23] Use FC instead of CC to link the dynamic library on OS X
  
- \* Christopher Meng <cickumqt@gmail.com>
- \* [2013-12-09] Add DESTDIR support for easier building on RPM based distros.  
Use install command instead of cp to install files with permissions control.
  
- \* Lucas Beyer <lucasb.eyer.be@gmail.com>
- \* [2013-12-10] Added support for NO\_SHARED in make install.
  
- \* carlkl <https://github.com/carlkl>
- \* [2013-12-13] Fixed LAPACKE building bug on Windows
  
- \* Isaac Dunham <https://github.com/idunham>
- \* [2014-08-03] Fixed link error on Linux/musl
  
- \* Dave Nuechterlein
- \* [2014-10-10] trmm and sgemm kernels (optimized for APM's X-Gene 1).  
ARMv8 support.
  
- \* Jerome Robert <jeromerobert@gmx.com>
- \* [2015-01-01] Speed-up small `ger` and `gemv` using stack allocation (bug #478)
- \* [2015-12-23] `stack\_check` in `gemv.c` (bug #722)
- \* [2015-12-28] Allow to force the number of parallel make job
- \* [2015-12-28] Fix detection of AMD E2-3200 detection
- \* [2015-12-31] Let `make MAX\_STACK\_ALLOC=0` do what expected
- \* [2016-01-19] Disable multi-threading in `ger` and `swap` for small matrices (bug #731)
- \* [2016-01-24] Use `GEMM\_MULTITHREAD\_THRESHOLD` as a number of ops (bug #742)

- \* [2016-01-26] Let `openblas\_get\_num\_threads` return the number of active threads (bug #760)
- \* [2016-01-30] Speed-up small `zger`, `zgemv`, `ztrmv` using stack allocation (bug #727)

\* Dan Kortschak

- \* [2015-01-07] Added test for drotmg bug #484.

\* Ton van den Heuvel <<https://github.com/ton>>

- \* [2015-03-18] Fix race condition during shutdown causing a crash in gotoblas\_set\_affinity().

\* Martin Koehler <<https://github.com/grisuthedragon/>>

- \* [2015-09-07] Improved imatcopy

\* Ashwin Sekhar T K <<https://github.com/ashwinyes/>>

- \* [2015-11-09] Assembly kernels for Cortex-A57 (ARMv8)
- \* [2015-11-20] lapack-test fixes for Cortex-A57
- \* [2016-03-14] Additional functional Assembly Kernels for Cortex-A57
- \* [2016-03-14] Optimize Dgemm 4x4 for Cortex-A57

\* theoractice <<https://github.com/theoractice/>>

- \* [2016-03-20] Fix compiler error in VisualStudio with CMake
- \* [2016-03-22] Fix access violation on Windows while static linking

\* Paul Mustire <<https://github.com/buffer51/>>

- \* [2016-02-04] Fix Android build on ARMV7
- \* [2016-04-26] Android build with LAPACK for ARMV7 & ARMV8

\* Shivraj Patil <<https://github.com/sva-img/>>

- \* [2016-05-03] DGEMM optimization for MIPS P5600 and I6400 using MSA

\* Kaustubh Raste <<https://github.com/ksraste/>>

- \* [2016-05-09] DTRSM optimization for MIPS P5600 and I6400 using MSA
- \* [2016-05-20] STRSM optimization for MIPS P5600 and I6400 using MSA

\* Abdelrauf <<https://github.com/quickwritereader/>>

- \* [2017-01-01] dgemm and dtrmm kernels for IBM z13
- \* [2017-02-26] ztrmm kernel for IBM z13
- \* [2017-03-13] strmm and ctrmm kernel for IBM z13
- \* [2017-09-01] initial Blas Level-1,2 (double precision) for IBM z13
- \* [2018-03-07] added missing Blas Level 1-2 (double precision) simd codes
- \* [2019-02-01] added missing Blas Level-1,2 (single precision) simd codes
- \* [2019-03-14] power9 dgemm/dtrmm kernel
- \* [2019-04-29] power9 sgemm/strmm kernel

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## 1.262 libnl3 3.4.0

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## 1.263 chardet 3.0.4

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## 1.264 findutils 4.6.0

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## 1.266 cpp 5.2.0

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```

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

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

## HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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Version 2.1, February 1999

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\* m4/ax\_func\_which\_gethostbyname\_r.m4

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```

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@appendixsubsec Preamble

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## 1.269 python-requests 2.13.0

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## 1.270 certifi 2018.8.13

### 1.270.1 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 \$

# 1.271 gpgme 1.11.1

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```

* @version 3.0 (December 2000)
*
* Optimised ANSI C code for the Rijndael cipher (now AES)
*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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```
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
Copyright @copyright{ } 2007 Free Software Foundation, Inc. @url{http://fsf.org/}
```

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```
@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@appendix GNU GENERAL PUBLIC LICENSE
@c The GNU General Public License.
@center Version 3, 29 June 2007
```

```
@c This file is intended to be included within another document,
@c hence no sectioning command or @node.
```

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```
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```

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```
#ifndef AMD64_BSD_NAT_H
#define AMD64_BSD_NAT_H

#include "x86-bsd-nat.h"

/* Helper functions. See definitions. */
extern void amd64bsd_fetch_inferior_registers (struct regcache *regcache,
 int regnum);
extern void amd64bsd_store_inferior_registers (struct regcache *regcache,
 int regnum);

/* A prototype *BSD/AMD64 target. */

template<typename BaseTarget>
class amd64_bsd_nat_target : public x86bsd_nat_target<BaseTarget>
{
public:
 void fetch_registers (struct regcache *regcache, int regnum) override
 { amd64bsd_fetch_inferior_registers (regcache, regnum); }

 void store_registers (struct regcache *regcache, int regnum) override
 { amd64bsd_store_inferior_registers (regcache, regnum); }
};

#endif /* i386-bsd-nat.h */
BEGIN {
 FS="";
 print "/* ==> Do not modify this file!! " \
 "-*- buffer-read-only: t -*- vi" \
 ":set ro:";
 print " It is created automatically by copying.awk.";
 print " Modify copying.awk instead. <== */";
 print ""
 print "#include \"defs.h\""
 print "#include \"command.h\""
 print "#include \"gdbcmd.h\""
}
```

```

print ""
print "static void show_copying_command (const char *, int);"
print ""
print "static void show_warranty_command (const char *, int);"
print ""
print "static void";
print "show_copying_command (const char *ignore, int from_tty)";
print "{";
}
NR == 1,/^[]*15\ Disclaimer of Warranty\.[]*$/ {
if ($0 ~ //)
{
printf " printf_filtered (\\"\n\");\n";
}
else if ($0 !~ /^[]*15\ Disclaimer of Warranty\.[]*$/)
{
printf " printf_filtered (\"";
for (i = 1; i < NF; i++)
printf "%s\\", $i;
printf "%s\\n\");\n", $NF;
}
}
/^[]*15\ Disclaimer of Warranty\.[]*$/ {
print "}";
print "";
print "static void";
print "show_warranty_command (const char *ignore, int from_tty)";
print "{";
}
/^[]*15\ Disclaimer of Warranty\.[]*$/,/^[]*END OF TERMS AND CONDITIONS[]*$/ {
if (! ($0 ~ /^[]*END OF TERMS AND CONDITIONS[]*$/))
{
printf " printf_filtered (\"";
for (i = 1; i < NF; i++)
printf "%s\\", $i;
printf "%s\\n\");\n", $NF;
}
}
END {
print "}";
print "";
print "void"
print "_initialize_copying (void)";
print "{";
print " add_cmd (\\"copying\\", no_set_class, show_copying_command, ";
print " _(\\"Conditions for redistributing copies of GDB.\\"), ";
print " &showlist);";
print " add_cmd (\\"warranty\\", no_set_class, show_warranty_command, ";

```

```

print " _(\\"Various kinds of warranty you do not have.\");";
print " &showlist);";
print "";
print " /* For old-timers, allow \\"info copying\\", etc. */";
print " add_info (\\"copying\\", show_copying_command,");
print " _(\\"Conditions for redistributing copies of GDB.\");";
print " add_info (\\"warranty\\", show_warranty_command,");
print " _(\\"Various kinds of warranty you do not have.\");";
print "}";
}
/* BSD Kernel Data Access Library (libkvm) interface.

```

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```

#define _KMEMUSER
#include "defs.h"
#include "cli/cli-cmds.h"
#include "command.h"
#include "frame.h"
#include "regcache.h"
#include "target.h"
#include "value.h"
#include "gdbcore.h" /* for get_exec_file */
#include "gdbthread.h"

#include <fcntl.h>
#include <kvm.h>
#ifdef HAVE_NLIST_H
#include <nlist.h>
#endif
#include <paths.h>
#include "readline/readline.h"
#include <sys/param.h>

```

```

#include <sys/proc.h>
#ifdef HAVE_SYS_USER_H
#include <sys/user.h>
#endif

#include "bsd-kvm.h"

/* Kernel memory device file. */
static const char *bsd_kvm_corefile;

/* Kernel memory interface descriptor. */
static kvm_t *core_kd;

/* Address of process control block. */
static struct pcb *bsd_kvm_paddr;

/* Pointer to architecture-specific function that reconstructs the
register state from PCB and supplies it to REGCACHE. */
static int (*bsd_kvm_supply_pcb)(struct regcache *regcache, struct pcb *pcb);

/* This is the ptid we use while we're connected to kvm. The kvm
target currently doesn't export any view of the running processes,
so this represents the kernel task. */
static ptid_t bsd_kvm_ptid;

/* The libkvm target. */

static const target_info bsd_kvm_target_info = {
 "kvm",
 N_("Kernel memory interface"),
 N_("Use a kernel virtual memory image as a target.\n\
Optionally specify the filename of a core dump."),
};

class bsd_kvm_target final : public target_ops
{
public:
 bsd_kvm_target ()
 { this->to_stratum = process_stratum; }

 const target_info &info () const override
 { return bsd_kvm_target_info; }

 void close () override;

 void fetch_registers (struct regcache *, int) override;
 enum target_xfer_status xfer_partial (enum target_object object,
 const char *annex,

```

```

gdb_byte *readbuf,
const gdb_byte *writebuf,
ULONGEST offset, ULONGEST len,
ULONGEST *xfered_len) override;

void files_info () override;
bool thread_alive (ptid_t ptid) override;
const char *pid_to_str (ptid_t) override;

bool has_memory () override { return true; }
bool has_stack () override { return true; }
bool has_registers () override { return true; }
};

/* Target ops for libkvm interface. */
static bsd_kvm_target bsd_kvm_ops;

static void
bsd_kvm_target_open (const char *arg, int from_tty)
{
char errbuf[_POSIX2_LINE_MAX];
char *execfile = NULL;
kvm_t *temp_kd;
char *filename = NULL;

target_preopen (from_tty);

if (arg)
{
char *temp;

filename = tilde_expand (arg);
if (filename[0] != '/')
{
temp = concat (current_directory, "/", filename, (char *)NULL);
xfree (filename);
filename = temp;
}
}

execfile = get_exec_file (0);
temp_kd = kvm_openfiles (execfile, filename, NULL,
write_files ? O_RDWR : O_RDONLY, errbuf);
if (temp_kd == NULL)
error ("%s", errbuf);

bsd_kvm_corefile = filename;
unpush_target (&bsd_kvm_ops);

```

```

core_kd = temp_kd;
push_target (&bsd_kvm_ops);

add_thread_silent (bsd_kvm_ptid);
inferior_ptid = bsd_kvm_ptid;

target_fetch_registers (get_current_regcache (), -1);

reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}

void
bsd_kvm_target::close ()
{
if (core_kd)
{
if (kvm_close (core_kd) == -1)
warning ("%s", kvm_geterr (core_kd));
core_kd = NULL;
}
}

inferior_ptid = null_ptid;
discard_all_inferiors ();
}

static LONGEST
bsd_kvm_xfer_memory (CORE_ADDR addr, ULONGEST len,
gdb_byte *readbuf, const gdb_byte *writebuf)
{
ssize_t nbytes = len;

if (readbuf)
nbytes = kvm_read (core_kd, addr, readbuf, nbytes);
if (writebuf && nbytes > 0)
nbytes = kvm_write (core_kd, addr, writebuf, nbytes);
return nbytes;
}

enum target_xfer_status
bsd_kvm_target::xfer_partial (enum target_object object,
const char *annex, gdb_byte *readbuf,
const gdb_byte *writebuf,
ULONGEST offset, ULONGEST len, ULONGEST *xfered_len)
{
switch (object)
{
case TARGET_OBJECT_MEMORY:

```



```

 {
LONGEST ret = bsd_kvm_xfer_memory (offset, len, readbuf, writebuf);

if (ret < 0)
 return TARGET_XFER_E_IO;
else if (ret == 0)
 return TARGET_XFER_EOF;
else
 {
 *xfered_len = (ULONGEST) ret;
 return TARGET_XFER_OK;
 }
}

default:
 return TARGET_XFER_E_IO;
}
}

void
bsd_kvm_target::files_info ()
{
if (bsd_kvm_corefile && strcmp (bsd_kvm_corefile, _PATH_MEM) != 0)
 printf_filtered (_("\tUsing the kernel crash dump %s.\n"),
 bsd_kvm_corefile);
else
 printf_filtered (_("\tUsing the currently running kernel.\n"));
}

/* Fetch process control block at address PADDR. */

static int
bsd_kvm_fetch_pcb (struct regcache *regcache, struct pcb *paddr)
{
 struct pcb pcb;

 if (kvm_read (core_kd, (unsigned long) paddr, &pcb, sizeof pcb) == -1)
 error ("%s", kvm_geterr (core_kd));

 gdb_assert (bsd_kvm_supply_pcb);
 return bsd_kvm_supply_pcb (regcache, &pcb);
}

void
bsd_kvm_target::fetch_registers (struct regcache *regcache, int regnum)
{
 struct nlist nl[2];

```

```

if (bsd_kvm_paddr)
{
 bsd_kvm_fetch_pcb (regcache, bsd_kvm_paddr);
 return;
}

/* On dumping core, BSD kernels store the faulting context (PCB)
 in the variable "dumppcb". */
memset (nl, 0, sizeof nl);
nl[0].n_name = "_dumppcb";

if (kvm_nlist (core_kd, nl) == -1)
 error ("%s", kvm_geterr (core_kd));

if (nl[0].n_value != 0)
{
 /* Found dumppcb. If it contains a valid context, return
 immediately. */
 if (bsd_kvm_fetch_pcb (regcache, (struct pcb *) nl[0].n_value))
return;
}

/* Traditional BSD kernels have a process proc0 that should always
 be present. The address of proc0's PCB is stored in the variable
 "proc0paddr". */

memset (nl, 0, sizeof nl);
nl[0].n_name = "_proc0paddr";

if (kvm_nlist (core_kd, nl) == -1)
 error ("%s", kvm_geterr (core_kd));

if (nl[0].n_value != 0)
{
 struct pcb *paddr;

 /* Found proc0paddr. */
 if (kvm_read (core_kd, nl[0].n_value, &paddr, sizeof paddr) == -1)
error ("%s", kvm_geterr (core_kd));

 bsd_kvm_fetch_pcb (regcache, paddr);
 return;
}

#ifdef HAVE_STRUCT_THREAD_TD_PCB
/* In FreeBSD kernels for 5.0-RELEASE and later, the PCB no longer
 lives in `struct proc' but in `struct thread'. The `struct
 thread' for the initial thread for proc0 can be found in the

```

```

variable "thread0". */

memset (nl, 0, sizeof nl);
nl[0].n_name = "_thread0";

if (kvm_nlist (core_kd, nl) == -1)
 error ("%s", kvm_geterr (core_kd));

if (nl[0].n_value != 0)
{
 struct pcb *paddr;

 /* Found thread0. */
 nl[0].n_value += offsetof (struct thread, td_pcb);
 if (kvm_read (core_kd, nl[0].n_value, &paddr, sizeof paddr) == -1)
 error ("%s", kvm_geterr (core_kd));

 bsd_kvm_fetch_pcb (regcache, paddr);
 return;
}
#endif

/* i18n: PCB == "Process Control Block". */
error (_("Cannot find a valid PCB"));
}

/* Kernel memory interface commands. */
struct cmd_list_element *bsd_kvm_cmdlist;

static void
bsd_kvm_cmd (const char *arg, int fromtty)
{
 /* ??? Should this become an alias for "target kvm"? */
}

#ifndef HAVE_STRUCT_THREAD_TD_PCB

static void
bsd_kvm_proc_cmd (const char *arg, int fromtty)
{
 CORE_ADDR addr;

 if (arg == NULL)
 error_no_arg (_("proc address"));

 if (core_kd == NULL)
 error (_("No kernel memory image."));
}

```

```

addr = parse_and_eval_address (arg);
#ifdef HAVE_STRUCT_LWP
addr += offsetof (struct lwp, l_addr);
#else
addr += offsetof (struct proc, p_addr);
#endif

if (kvm_read (core_kd, addr, &bsd_kvm_paddr, sizeof bsd_kvm_paddr) == -1)
error (("s"), kvm_geterr (core_kd));

target_fetch_registers (get_current_regcache (), -1);

reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}

#endif

static void
bsd_kvm_pcb_cmd (const char *arg, int fromtty)
{
if (arg == NULL)
/* i18n: PCB == "Process Control Block". */
error_no_arg (_("pcb address"));

if (core_kd == NULL)
error (_("No kernel memory image."));

bsd_kvm_paddr = (struct pcb *) (u_long) parse_and_eval_address (arg);

target_fetch_registers (get_current_regcache (), -1);

reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}

bool
bsd_kvm_target::thread_alive (ptid_t ptid)
{
return true;
}

const char *
bsd_kvm_target::pid_to_str (ptid_t ptid)
{
static char buf[64];
xsnprintf (buf, sizeof buf, "<kvm>");
}

```

```

return buf;
}

/* Add the libkvm interface to the list of all possible targets and
register CUPPLY_PCB as the architecture-specific process control
block interpreter. */

void
bsd_kvm_add_target (int (*supply_pcb)(struct regcache *, struct pcb *))
{
gdb_assert (bsd_kvm_supply_pcb == NULL);
bsd_kvm_supply_pcb = supply_pcb;

add_target (bsd_kvm_target_info, bsd_kvm_target_open);

add_prefix_cmd ("kvm", class_obscure, bsd_kvm_cmd, _("\\
Generic command for manipulating the kernel memory interface."),
&bsd_kvm_cmdlist, "kvm ", 0, &cmdlist);

#ifdef HAVE_STRUCT_THREAD_TD_PCB
add_cmd ("proc", class_obscure, bsd_kvm_proc_cmd,
_("Set current context from proc address"), &bsd_kvm_cmdlist);
#endif
add_cmd ("pcb", class_obscure, bsd_kvm_pcb_cmd,
/* i18n: PCB == "Process Control Block". */
_("Set current context from pcb address"), &bsd_kvm_cmdlist);

/* Some notes on the ptid usage on this target.

The pid field represents the kvm inferior instance. Currently,
we don't support multiple kvm inferiors, but we start at 1
anyway. The lwp field is set to != 0, in case the core wants to
refer to the whole kvm inferior with ptid(1,0,0).

If kvm is made to export running processes as gdb threads,
the following form can be used:
ptid (1, 1, 0) -> kvm inferior 1, in kernel
ptid (1, 1, 1) -> kvm inferior 1, process 1
ptid (1, 1, 2) -> kvm inferior 1, process 2
ptid (1, 1, n) -> kvm inferior 1, process n */

bsd_kvm_ptid = ptid_t (1, 1, 0);
}
/* Native-dependent code for x86 BSD's.

```

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```
#ifndef X86_BSD_NAT_H
#define X86_BSD_NAT_H

#include "x86-nat.h"

/* Low level x86 XSAVE info. */
extern size_t x86bsd_xsave_len;

/* A prototype *BSD/x86 target. */

template<typename BaseTarget>
class x86bsd_nat_target : public x86_nat_target<BaseTarget>
{
 using base_class = x86_nat_target<BaseTarget>;
public:
#ifdef HAVE_PT_GETDBREGS
 void mourn_inferior () override
 {
 x86_cleanup_dregs ();
 base_class::mourn_inferior ();
 }
#endif /* HAVE_PT_GETDBREGS */
};
```

```
#endif /* x86-bsd-nat.h */

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```

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```

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```
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```

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```
#ifndef I386_BSD_NAT_H
#define I386_BSD_NAT_H
```

```
/* Helper functions. See definitions. */
extern void i386bsd_fetch_inferior_registers (struct regcache *regcache,
 int regnum);
extern void i386bsd_store_inferior_registers (struct regcache *regcache,
 int regnum);
```

```
/* A prototype *BSD/i386 target. */
```

```
template<typename BaseTarget>
class i386_bsd_nat_target : public x86bsd_nat_target<BaseTarget>
{
public:
```



```
void fetch_registers (struct regcache *regcache, int regnum) override
{ i386bsd_fetch_inferior_registers (regcache, regnum); }

void store_registers (struct regcache *regcache, int regnum) override
{ i386bsd_store_inferior_registers (regcache, regnum); }
};

#endif /* i386-bsd-nat.h */
```

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

That's all there is to it!  
#!/usr/bin/env python

```
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```

```
"""copyright.py
```

This script updates the list of years in the copyright notices in most files maintained by the GDB project.

Usage: cd src/gdb && python copyright.py

Always review the output of this script before committing it!

A useful command to review the output is:

```
% filterdiff -x *.c -x *.cc -x *.h -x *.exp updates.diff
```

This removes the bulk of the changes which are most likely to be correct.

```
"""
```

```
import datetime
import os
import os.path
import subprocess
```

```

def get_update_list():
 """Return the list of files to update.

 Assumes that the current working directory when called is the root
 of the GDB source tree (NOT the gdb/ subdirectory!). The names of
 the files are relative to that root directory.
 """
 result = []
 for gdb_dir in ('gdb', 'sim', 'include/gdb'):
 for root, dirs, files in os.walk(gdb_dir, topdown=True):
 for dirname in dirs:
 reldirname = "%s/%s" % (root, dirname)
 if (dirname in EXCLUDE_ALL_LIST
 or reldirname in EXCLUDE_LIST
 or reldirname in NOT_FSF_LIST
 or reldirname in BY_HAND):
 # Prune this directory from our search list.
 dirs.remove(dirname)
 for filename in files:
 relpath = "%s/%s" % (root, filename)
 if (filename in EXCLUDE_ALL_LIST
 or relpath in EXCLUDE_LIST
 or relpath in NOT_FSF_LIST
 or relpath in BY_HAND):
 # Ignore this file.
 pass
 else:
 result.append(relpath)
 return result

def update_files(update_list):
 """Update the copyright header of the files in the given list.

 We use gnulib's update-copyright script for that.
 """
 # We want to use year intervals in the copyright notices, and
 # all years should be collapsed to one single year interval,
 # even if there are "holes" in the list of years found in the
 # original copyright notice (OK'ed by the FSF, case [gnu.org #719834]).
 os.environ['UPDATE_COPYRIGHT_USE_INTERVALS'] = '2'

 # Perform the update, and save the output in a string.
 update_cmd = ['bash', 'gdb/gnulib/import/extra/update-copyright']
 update_cmd += update_list

 p = subprocess.Popen(update_cmd, stdout=subprocess.PIPE,
 stderr=subprocess.STDOUT)

```

```

update_out = p.communicate()[0]

Process the output. Typically, a lot of files do not have
a copyright notice :(The update-copyright script prints
a well defined warning when it did not find the copyright notice.
For each of those, do a sanity check and see if they may in fact
have one. For the files that are found not to have one, we filter
the line out from the output, since there is nothing more to do,
short of looking at each file and seeing which notice is appropriate.
Too much work! (~4,000 files listed as of 2012-01-03).
update_out = update_out.splitlines()
warning_string = ': warning: copyright statement not found'
warning_len = len(warning_string)

for line in update_out:
 if line.endswith('\n'):
 line = line[:-1]
 if line.endswith(warning_string):
 filename = line[:-warning_len]
 if may_have_copyright_notice(filename):
 print line
 else:
 # Unrecognized file format. !?!
 print "*** " + line

def may_have_copyright_notice(filename):
 """Check that the given file does not seem to have a copyright notice.

 The filename is relative to the root directory.
 This function assumes that the current working directory is that root
 directory.

 The algorithm is fairly crude, meaning that it might return
 some false positives. I do not think it will return any false
 negatives... We might improve this function to handle more
 complex cases later...
 """
 # For now, it may have a copyright notice if we find the word
 # "Copyright" at the (reasonable) start of the given file, say
 # 50 lines...
 MAX_LINES = 50

 fd = open(filename)

 lineno = 1
 for line in fd:
 if 'Copyright' in line:

```

```

 return True
 lineno += 1
 if lineno > 50:
 return False
return False

def main ():
 """The main subprogram."""
 if not os.path.isfile("gnulib/import/extra/update-copyright"):
 print "Error: This script must be called from the gdb directory."
 root_dir = os.path.dirname(os.getcwd())
 os.chdir(root_dir)

 update_list = get_update_list()
 update_files (update_list)

 # Remind the user that some files need to be updated by HAND...

 if MULTIPLE_COPYRIGHT_HEADERS:
 print
 print("\033[31m"
 "REMINDER: Multiple copyright headers must be updated by hand:"
 "\033[0m")
 for filename in MULTIPLE_COPYRIGHT_HEADERS:
 print " ", filename

 if BY_HAND:
 print
 print "\033[31mREMINDER: The following files must be updated by hand." \
 "\033[0m"
 for filename in BY_HAND:
 print " ", filename

#####
#
Some constants, placed at the end because they take up a lot of room.
The actual value of these constants is not significant to the understanding
of the script.
#
#####

Files which should not be modified, either because they are
generated, non-FSF, or otherwise special (e.g. license text,
or test cases which must be sensitive to line numbering).
#
Filenames are relative to the root directory.
EXCLUDE_LIST = (

```

```

'gdb/nat/glibc_thread_db.h',
'gdb/CONTRIBUTE',
'gdb/gnulib/import'
)

Files which should not be modified, either because they are
generated, non-FSF, or otherwise special (e.g. license text,
or test cases which must be sensitive to line numbering).
#
Matches any file or directory name anywhere. Use with caution.
This is mostly for files that can be found in multiple directories.
Eg: We want all files named COPYING to be left untouched.

EXCLUDE_ALL_LIST = (
 "COPYING", "COPYING.LIB", "CVS", "configure", "copying.c",
 "fdl.texi", "gpl.texi", "aclocal.m4",
)

The list of files to update by hand.
BY_HAND = (
 # Nothing at the moment :-).
)

Files containing multiple copyright headers. This script is only
fixing the first one it finds, so we need to finish the update
by hand.
MULTIPLE_COPYRIGHT_HEADERS = (
 "gdb/doc/gdb.texinfo",
 "gdb/doc/refcard.tex",
 "gdb/gdbarch.sh",
)

The list of file which have a copyright, but not head by the FSF.
Filenames are relative to the root directory.
NOT_FSF_LIST = (
 "gdb/exc_request.defs",
 "gdb/gdbtk",
 "gdb/testsuite/gdb.gdbtk/",
 "sim/arm/armemu.h", "sim/arm/armos.c", "sim/arm/gdbhost.c",
 "sim/arm/dbg_hif.h", "sim/arm/dbg_conf.h", "sim/arm/communicate.h",
 "sim/arm/armos.h", "sim/arm/armcopro.c", "sim/arm/armemu.c",
 "sim/arm/kid.c", "sim/arm/thumbemu.c", "sim/arm/armdefs.h",
 "sim/arm/armopts.h", "sim/arm/dbg_cp.h", "sim/arm/dbg_rdi.h",
 "sim/arm/parent.c", "sim/arm/armsupp.c", "sim/arm/armrdi.c",
 "sim/arm/bag.c", "sim/arm/armvirt.c", "sim/arm/main.c", "sim/arm/bag.h",
 "sim/arm/communicate.c", "sim/arm/gdbhost.h", "sim/arm/armfpe.h",
 "sim/arm/arminit.c",
 "sim/common/cgen-fpu.c", "sim/common/cgen-fpu.h",
)

```

```

"sim/common/cgen-accfp.c",
"sim/mips/m16run.c", "sim/mips/sim-main.c",
"sim/moxie/moxie-gdb.dts",
Not a single file in sim/ppc/ appears to be copyright FSF :-(.
"sim/ppc/filter.h", "sim/ppc/gen-support.h", "sim/ppc/ld-insn.h",
"sim/ppc/hw_sem.c", "sim/ppc/hw_disk.c", "sim/ppc/idecode_branch.h",
"sim/ppc/sim-endian.h", "sim/ppc/table.c", "sim/ppc/hw_core.c",
"sim/ppc/gen-support.c", "sim/ppc/gen-semantics.h", "sim/ppc/cpu.h",
"sim/ppc/sim_callbacks.h", "sim/ppc/RUN", "sim/ppc/Makefile.in",
"sim/ppc/emul_chirp.c", "sim/ppc/hw_nvram.c", "sim/ppc/dc-test.01",
"sim/ppc/hw_phb.c", "sim/ppc/hw_eeeprom.c", "sim/ppc/bits.h",
"sim/ppc/hw_vm.c", "sim/ppc/cap.h", "sim/ppc/os_emul.h",
"sim/ppc/options.h", "sim/ppc/gen-idecode.c", "sim/ppc/filter.c",
"sim/ppc/corefile-n.h", "sim/ppc/std-config.h", "sim/ppc/ld-decode.h",
"sim/ppc/filter_filename.h", "sim/ppc/hw_shm.c",
"sim/ppc/pk_disklabel.c", "sim/ppc/dc-simple", "sim/ppc/misc.h",
"sim/ppc/device_table.h", "sim/ppc/ld-insn.c", "sim/ppc/inline.c",
"sim/ppc/emul_bugapi.h", "sim/ppc/hw_cpu.h", "sim/ppc/debug.h",
"sim/ppc/hw_ide.c", "sim/ppc/debug.c", "sim/ppc/gen-itable.h",
"sim/ppc/interrupts.c", "sim/ppc/hw_glue.c", "sim/ppc/emul_unix.c",
"sim/ppc/sim_calls.c", "sim/ppc/dc-complex", "sim/ppc/ld-cache.c",
"sim/ppc/registers.h", "sim/ppc/dc-test.02", "sim/ppc/options.c",
"sim/ppc/igen.h", "sim/ppc/registers.c", "sim/ppc/device.h",
"sim/ppc/emul_chirp.h", "sim/ppc/hw_register.c", "sim/ppc/hw_init.c",
"sim/ppc/sim-endian-n.h", "sim/ppc/filter_filename.c",
"sim/ppc/bits.c", "sim/ppc/idecode_fields.h", "sim/ppc/hw_memory.c",
"sim/ppc/misc.c", "sim/ppc/double.c", "sim/ppc/psim.h",
"sim/ppc/hw_trace.c", "sim/ppc/emul_netbsd.h", "sim/ppc/psim.c",
"sim/ppc/ppc-instructions", "sim/ppc/tree.h", "sim/ppc/README",
"sim/ppc/gen-icache.h", "sim/ppc/gen-model.h", "sim/ppc/ld-cache.h",
"sim/ppc/mon.c", "sim/ppc/corefile.h", "sim/ppc/vm.c",
"sim/ppc/INSTALL", "sim/ppc/gen-model.c", "sim/ppc/hw_cpu.c",
"sim/ppc/corefile.c", "sim/ppc/hw_opic.c", "sim/ppc/gen-icache.c",
"sim/ppc/events.h", "sim/ppc/os_emul.c", "sim/ppc/emul_generic.c",
"sim/ppc/main.c", "sim/ppc/hw_com.c", "sim/ppc/gen-semantics.c",
"sim/ppc/emul_bugapi.c", "sim/ppc/device.c", "sim/ppc/emul_generic.h",
"sim/ppc/tree.c", "sim/ppc/mon.h", "sim/ppc/interrupts.h",
"sim/ppc/cap.c", "sim/ppc/cpu.c", "sim/ppc/hw_phb.h",
"sim/ppc/device_table.c", "sim/ppc/lf.c", "sim/ppc/lf.c",
"sim/ppc/dc-stupid", "sim/ppc/hw_pal.c", "sim/ppc/ppc-spr-table",
"sim/ppc/emul_unix.h", "sim/ppc/words.h", "sim/ppc/basics.h",
"sim/ppc/hw_htab.c", "sim/ppc/lf.h", "sim/ppc/ld-decode.c",
"sim/ppc/sim-endian.c", "sim/ppc/gen-itable.c",
"sim/ppc/idecode_expression.h", "sim/ppc/table.h", "sim/ppc/dgen.c",
"sim/ppc/events.c", "sim/ppc/gen-idecode.h", "sim/ppc/emul_netbsd.c",
"sim/ppc/igen.c", "sim/ppc/vm_n.h", "sim/ppc/vm.h",
"sim/ppc/hw_iobus.c", "sim/ppc/inline.h",
"sim/testsuite/sim/bfin/s21.s", "sim/testsuite/sim/mips/mips32-dsp2.s",

```



)

```
if __name__ == "__main__":
```

```
 main()
```

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## 1.276 jsonschema 2.6.0

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## 1.278 sqlite 3.34.1

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

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

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

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## 1.280 libuv 1.20.3

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\*/

```
#ifndef UV_BSD_H
```

```
#define UV_BSD_H
```

```
#define UV_PLATFORM_FS_EVENT_FIELDS \
 uv_io_t event_watcher; \
```

```
#define UV_IO_PRIVATE_PLATFORM_FIELDS \
 int rcount; \
 int wcount; \
```

```
#define UV_HAVE_KQUEUE 1
```

```
#endif /* UV_BSD_H */
```

```
Files: *
```

```
=====
```

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Files: getopt.c  
=====

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## 1.281 protobuf 3.6.1+git0+48cb18e5c4

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\* Small patch to handle trailing slashes in --proto\_path flag.

Johan Euphrosine <proppy@aminche.com>

\* Small patch to fix Python CallMethod().

Ulrich Kunitz <kune@deine-taler.de>

\* Small optimizations to Python serialization.

Leandro Lucarella <llucax@gmail.com>

\* VI syntax highlighting tweaks.

\* Fix compiler to not make output executable.

Dilip Joseph <dilip.antony.joseph@gmail.com>

\* Heuristic detection of sub-messages when printing unknown fields in text format.

Brian Atkinson <nairb774@gmail.com>

\* Added @Override annotation to generated Java code where appropriate.

Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>

\* Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

\* Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

\* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>

\* MS Visual Studio error format option.

\* Detect unordered\_map in stl\_hash.m4.

Brian Olson <brianolson@google.com>

\* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

\* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).

\* Added generation of field number constants.

Wink Saville <wink@google.com>

\* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

\* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>

\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>

\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>

\* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

\* Detect whether zlib is new enough in configure script.

\* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

\* Optimize Java serialization code when writing a small message to a stream.



- \* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
- \* Clean up some Java warnings.
- \* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>

- \* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

- \* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- \* Fixed detection of sched\_yield on Solaris.
- \* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- \* Fixed minor IBM xLC compiler build issues
- \* Added atomicops for AIX (POWER)

# 1.282 xinetd 2.3.15

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# 1.289 zlib 1.2.5

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

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# 1.290 docker 3.4.0

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## 1.291 grpcio-tools 1.14.1

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```

Found in path(s):

```
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpcpp/support/proto_buffer_reader.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/impl/codegen/core_codegen_interface.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/server.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/impl/codegen/slice.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/support/async_stream.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/impl/codegen/async_unary_call.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/impl/codegen/rpc_service_method.h
```

- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/support/status.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/grpc\_library.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/security/auth\_context.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/call\_hook.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/channel\_argument\_option.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/service\_type.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/support/stub\_options.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/server\_context.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpcpp/generic/async\_generic\_service.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/client\_context.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/server\_context.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/completion\_queue.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/proto\_utils.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/support/byte\_buffer.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/support/sync\_stream.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/ext/health\_check\_service\_server\_builder\_option.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/support/config.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/sync\_no\_cxx11.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpcpp/opencensus.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/stub\_options.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/rpc\_service\_method.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/alarm.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/resource\_quota.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/service\_type.h

- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/completion\_queue\_tag.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpcpp/support/proto\_buffer\_writer.h
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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpcpp/ext/server\_load\_reporting.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/create\_channel\_posix.h
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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/client\_context.h
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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/test/server\_context\_test\_spouse.h
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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/support/error\_details.h
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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/ext/proto\_server\_reflection\_plugin.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/config\_protobuf.h
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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/server\_posix.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/support/slice.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/call.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/health\_check\_service\_interface.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/security/server\_credentials.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/server\_initializer.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/server\_builder\_option.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/server\_interface.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/time.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/security/auth\_context.h
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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/support/status\_code\_enum.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/channel.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/completion\_queue.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/security/credentials.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc++/impl/codegen/string\_ref.h



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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/support/channel_arguments.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/impl/codegen/create_auth_context.h
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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/impl/codegen/status_code_enum.h
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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc++/impl/codegen/channel_interface.h
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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/compiler/zip_output_unittest.sh
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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc/impl/codegen/sync_custom.h
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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_tools/main.cc
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_tools/main.h
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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_root/include/grpc/grpc.h
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\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_message.cc  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/preserve\_unknown\_enum\_test.cc  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/io/printer.h  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/stubs/time.h  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/unittest\_lite.proto  
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1.14.1/third\_party/protobuf/src/google/protobuf/util/field\_comparator\_test.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/well\_known\_types\_unittest.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_message.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec\_helpers.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/proto\_writer.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/stubs/common.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/java/java\_lazy\_message\_field\_lite.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/testdata/maps.proto  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_file.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/error\_listener.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_extension.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/java/java\_map\_field\_lite.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/map\_field.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec\_extension.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/arena\_impl.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_service.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/java/java\_helpers.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/io/coded\_stream\_unittest.cc  
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 1.14.1/third\_party/protobuf/src/google/protobuf/stubs/status\_macros.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/compiler/subprocess.cc  
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 1.14.1/third\_party/protobuf/src/google/protobuf/compiler/csharp/csharp\_source\_generator\_base.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/descriptor.proto  
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 1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/testdata/proto3.proto  
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 1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_map\_field.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/compiler/java/java\_message\_lite.cc  
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 1.14.1/third\_party/protobuf/src/google/protobuf/compiler/javanano/javanano\_enum.cc  
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 1.14.1/third\_party/protobuf/src/google/protobuf/stubs/once.cc  
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 1.14.1/third\_party/protobuf/src/google/protobuf/compiler/csharp/csharp\_repeated\_primitive\_field.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/generated\_message\_table\_driven.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/util/message\_differencer\_unittest.cc  
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 1.14.1/third\_party/protobuf/src/google/protobuf/compiler/ruby/ruby\_generator.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/map\_proto2\_unittest.proto  
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 1.14.1/third\_party/protobuf/src/google/protobuf/compiler/command\_line\_interface.cc  
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 1.14.1/third\_party/protobuf/src/google/protobuf/stubs/strutil.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/protostream\_objectwriter.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/testdata/default\_value\_test.proto  
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 1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/datapiece.h  
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 1.14.1/third\_party/protobuf/src/google/protobuf/map\_lite\_unittest.proto  
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 1.14.1/third\_party/protobuf/src/google/protobuf/dynamic\_message\_unittest.cc  
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 \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/testdata/anys.proto  
 \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/compiler/csharp/csharp\_field\_base.cc  
 \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_field.h  
 \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/arena.cc  
 \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/wire\_format.cc  
 \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/unittest\_mset\_wire\_format.proto  
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 \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_message\_field.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/util/internal/testdata/field\_mask.proto  
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1.14.1/third\_party/protobuf/src/google/protobuf/arena\_test\_util.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/java/java\_message\_builder\_lite.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/io/coded\_stream.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/java/java\_plugin\_unittest.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/python/python\_generator.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/unittest\_no\_arena.proto  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/zip\_writer.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/io/printer\_unittest.cc  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec\_helpers.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/util/time\_util.h  
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\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/compiler/cpp/cpp\_string\_field.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/unittest\_arena.proto  
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1.14.1/third\_party/protobuf/src/google/protobuf/io/zero\_copy\_stream\_impl\_lite.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/testing/googletest.h  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/compiler/mock\_code\_generator.cc  
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1.14.1/third\_party/protobuf/src/google/protobuf/compiler/csharp/csharp\_message\_field.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/service.h  
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1.14.1/third\_party/protobuf/src/google/protobuf/implicit\_weak\_message.cc  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/third\_party/protobuf/src/google/protobuf/compiler/java/java\_message.h  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-  
1.14.1/grpc\_tools/\_proto/google/protobuf/compiler/plugin.proto  
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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_tools/protoc.py
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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_tools/_protoc_compiler.pyx
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_tools/command.py
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc_tools/__init__.py
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/protoc_lib_deps.py
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*
*/
/** Signal that the call is cacheable. GRPC is free to use GET verb */
```

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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/stubs/stringprintf\_unittest.cc
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/stubs/atomicops\_internals\_arm\_qnx.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/stubs/atomicops\_internals\_arm\_gcc.h
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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/stubs/stringprintf.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/stubs/atomicops.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third\_party/protobuf/src/google/protobuf/stubs/atomicops\_internals\_x86\_gcc.h
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\*  
\*/  
/// If set, grpc is free to use the HTTP GET verb for sending the request,

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\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpcpp/impl/codegen/client\_context.h  
No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.1  
Name: grpcio-tools  
Version: 1.14.1  
Summary: Protobuf code generator for gRPC  
Home-page: <https://grpc.io>  
Author: The gRPC Authors  
Author-email: [grpc-io@googlegroups.com](mailto:grpc-io@googlegroups.com)  
License: Apache License 2.0  
Description: UNKNOWN  
Platform: UNKNOWN  
Classifier: Development Status :: 5 - Production/Stable  
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: License :: OSI Approved :: Apache Software License

Found in path(s):

\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/PKG-INFO  
\* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpcio\_tools.egg-info/PKG-INFO  
No license file was found, but licenses were detected in source scan.

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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/stubs/template_util_unittest.cc
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/stubs/type_traits.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/stubs/mutex.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/stubs/template_util.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/stubs/type_traits_unittest.cc
```

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* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/stubs/atomicops_internals_ppc_gcc.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_map_field.cc
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_map_field.h
* /opt/cola/permits/1168659419_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_map_field.cc
```

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- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/src/compiler/node\_plugin.cc
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpcpp/impl/codegen/proto\_utils.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpcpp/impl/codegen/security/auth\_context.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc/impl/codegen/byte\_buffer.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpcpp/impl/codegen/rpc\_method.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/src/compiler/objective\_c\_generator\_helpers.h
- \* /opt/cola/permits/1168659419\_1622048081.6/0/grpcio-tools-1-14-1-1-tar-gz/grpcio-tools-1.14.1/grpc\_root/include/grpc/byte\_buffer\_reader.h
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 1.14.1/grpc\_root/include/grpc/support/log\_windows.h  
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1.14.1/grpc\_root/src/compiler/schema\_interface.h  
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```

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```

```
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```
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## 1.301 augeas 1.10.1

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That's all there is to it!

# 1.302 libcheck 0.9.5

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# 1.303 python-requests 2.19.1-4.ph3

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## 1.304 zlib 1.2.11

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```
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 version 1.2.11, January 15th, 2017
```

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```
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```
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## 1.310 sysv-init 2.88dsf-r14

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```
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Send patches to [sysvinit-devel@nongnu.org](mailto:sysvinit-devel@nongnu.org)

The of the start-stop-daemon

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