

## TIV 4.2.4 - Use of Third-Party Libraries

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Name	License Type
@ng-idle/core 8.0.0-beta.4 (Apache-2.0)	Apache-2.0
@ng-idle/keepalive 8.0.0-beta.4 (Apache-2.0)	Apache-2.0
access_parser-0.0.2(Apache-2.0)	Apache-2.0
aiohttp-3.6(Apache-2.0)	Apache-2.0
coverage 4.5.3 (Apache-2.0)	Apache-2.0
cryptography-3.1.1(Apache-2.0)	Apache-2.0
distro-1.4(Apache-2.0)	Apache-2.0
expiringdict-1.1.4(Apache-2.0)	Apache-2.0
fire-0.2.1(Apache-2.0)	Apache-2.0
jwtthenticator 0.9.6 (Apache-2.0)	Apache-2.0
msgpack 0.6.2 (Apache-2.0)	Apache-2.0
mysql-replication-0.18(Apache-2.0)	Apache-2.0
netunnel 1.0.4 (Apache-2.0)	Apache-2.0
pymongo 3.8.0 (Apache-2.0)	Apache-2.0
pyopenssl 19.1.0 (Apache-2.0)	Apache-2.0
pyppeteer-pyppeteer-0.2.2(Apache-2.0)	Apache-2.0
pyrobuf-0.5.11(Apache-2.0)	Apache-2.0
pytest-aiohttp-0.3(Apache-2.0)	Apache-2.0
python-dateutil 2.7.3 (Apache-2.0)	Apache-2.0
request 2.88.2 (Apache-2.0)	Apache-2.0
requests 2.24.0 (Apache-2.0)	Apache-2.0
requests-toolbelt-0.9.1(Apache-2.0)	Apache-2.0
requests-unixsocket-0.2.0(Apache-2.0)	Apache-2.0
rxjs 6.5.3 (Apache-2.0)	Apache-2.0
snyk 1.437.3 (Apache-2.0)	Apache-2.0
sorted_containers-2.1.0(Apache-2.0)	Apache-2.0

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spulec-freezegun-0.3.11(Apache-2.0)	Apache-2.0
sqltap-0.3.11(Apache-2.0)	Apache-2.0
ssl-root-cas 1.3.1 (Apache-2.0)	Apache-2.0
typescript 4.0.5 (Apache-2.0)	Apache-2.0
ua-parser-uap-python-0.8(Apache-2.0)	Apache-2.0
yara-python-4.0.1(Apache-2.0)	Apache-2.0
yaml-1.4.2(Apache-2.0)	Apache-2.0
aiocache-0.10.1(BSD-3-Clause)	BSD-Style License
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boost-1.74.0(BSL-1.0)	BSL-1.0
concurrentqueue-1.0.2(BSL-1.0)	BSL-1.0
msgpack-3.3.0(BSL-1.0)	BSL-1.0
asyncssh 1.18.0 (EPL-2.0)	EPL-2.0
d3-4.13.0(ISC)	ISC
dnspython (ISC)	ISC
tls-syslog 0.2.0 (ISC)	ISC
paramiko-paramiko (LGPL-2.1)	LGPL-2.1
pymssql 2.1.3 (LGPL-2.1)	LGPL-2.1
pywbem 1.1.0 (LGPL-2.1)	LGPL-2.1
gprof2dot-20170919(LGPL-3.0)	LGPL-3.0
ldap3-2.5.1(LGPL-3.0)	LGPL-3.0
python-crontab-2.5.1(LGPL-3.0)	LGPL-3.0
python-intervals-1.8(LGPL-3.0)	LGPL-3.0
psycopg2-2.7.6.1(LGPL-3.0+)	LGPL-3.0+
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core-js 2.5.7 (MIT)	MIT

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css-element-queries 1.2.3 (MIT)	MIT
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pdfminer.six 20170720 (MIT License)	MIT
pkgconfig-1.5.1(MIT)	MIT
py 1.5.4 (MIT License)	MIT
pyjwt-1.7.1(MIT License)	MIT
pymysql-pymysql-0.7.9(MIT)	MIT
pyotp-2.2.1(MIT)	MIT
pytest 4.5.0 (MIT)	MIT
pytest-cov-2.7.1(MIT)	MIT
pytest-flask-0.15.0(MIT License)	MIT
pytest-xdist-1.33(MIT)	MIT
python3-saml-1.10.1(MIT)	MIT
pytz 2019.1 (MIT License)	MIT
redis-py-3.2.1(MIT)	MIT
rpyc 3.3.0 (MIT License)	MIT
service_identity-18.1(MIT)	MIT
simpleamqpclient 2.5.1 (MIT License)	MIT
simplejson-simplejson-3.16(MIT)	MIT
six-1.14(MIT)	MIT
socket.io-client 2.2.0 (MIT)	MIT
spdlog 1.8.1 (MIT)	MIT
sqlalchemy 1.2.19 (MIT)	MIT
sqlalchemy-enum34-1.0.1(MIT)	MIT
tabulate 0.8.2 (MIT License)	MIT
termcolor-1.1.0(MIT License)	MIT
tls_parser-1.2.1(MIT)	MIT
twisted 20.3.0 (MIT License)	MIT
underscore 1.9.1 (MIT)	MIT

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urllib3-1.25.11(MIT)	MIT
uuid 8.3.1 (MIT)	MIT
xmlsec-1.3.3(MIT)	MIT
xmldict-0.9.2(MIT)	MIT
yappi-1.0(MIT)	MIT
zipp 0.6.0 (MIT)	MIT
zone.js 0.10.3 (MIT)	MIT
font-awesome 4.7.0 (OFL-1.1)	OFL-1.1
openssl 1.1.1i (OpenSSL)	OpenSSL
highcharts-angular-2.4.0(Commercial License)	Other/Commercial
highcharts-highcharts-7.2.2(Commercial License)	Other/Commercial
contextlib2 0.5.5 (Python-2.0)	Python-2.0
ipaddress-1.0.7(Python-2.0)	Python-2.0
typing-3.6.4(Python License)	Python-2.0
Pillow-7.1.0(The Python Imaging Library (PIL) License)	The Python Imaging Library (PIL) License
madler-zlib 1.2.11 (Zlib)	Zlib
pysmb 1.1.23 (zlib/libpng License)	zlib/libpng License

## TIV 4.2.4 - Third-Party Notices Report

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<https://www.npmjs.com/package/@angular/animations>

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@angular/cli 11.0.5 (MIT)

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@ng-idle/core 8.0.0-beta.4 (Apache-2.0)

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@types/socket.io-client 1.4.32 (MIT)

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concurrentqueue-1.0.2 (BSL-1.0)

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contextlib2 0.5.5 (Python-2.0)

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

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

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

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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
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3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
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3.1.1	3.1	2009	PSF	yes
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3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
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core-js 2.5.7 (MIT)

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css-element-queries 1.2.3 (MIT)

<https://www.npmjs.com/package/css-element-queries>

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jwtenticator 0.9.6 (Apache-2.0)

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lincolnloop-python-qr-code-5.3(BSD)

<https://github.com/lincolnloop/python-qr-code>

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<https://github.com/amitdev/lru-dict>

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luxon 1.23.0 (MIT)

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madler-zlib 1.2.11 (Zlib)

<https://github.com/madler/zlib>

The following text is found in file:README at /tw-src/140/cpp\_deps/data/boost/1.74.0/\_/\_/source/source\_subfolder/tools/boost\_in\_stall/test/iostreams/zlib-1.2.11/README

#### ZLIB DATA COMPRESSION LIBRARY

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

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

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

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

PLEASE read the zlib FAQ [http://zlib.net/zlib\\_faq.html](http://zlib.net/zlib_faq.html) before asking for help.

Mark Nelson wrote an article about zlib for the Jan. 1997 issue of Dr. Dobbs's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/>.

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

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

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

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

A Python interface to zlib written by A.M. Kuchling is available in Python 1.5 and later versions, see

<http://docs.python.org/library/zlib.html> .

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

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

Notes for some targets:

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

Acknowledgments:

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

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

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markupsafe 1.1.1 (BSD-3-Clause)  
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marshmallow-code-marshmallow-2.19.2 (BSD)

<https://github.com/marshmallow-code/marshmallow>

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mysql-replication-0.18 (Apache-2.0)

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netunnel 1.0.4 (Apache-2.0)

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networkx-2.3.0 (BSD)

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openssl 1.1.1i (OpenSSL)

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pymysql-pymysql-0.7.9 (MIT)

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pyopenssl 19.1.0 (Apache-2.0)

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pyppeteer-pyppeteer-0.2.2 (Apache-2.0)

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pytest-aiohttp-0.3 (Apache-2.0)

<https://github.com/aio-libraries/pytest-aiohttp>

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<https://github.com/ionelmc/pytest-benchmark>

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<https://github.com/pytest-dev/pytest-cov>

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python-dateutil 2.7.3 (Apache-2.0)

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python3-saml-1.10.1 (MIT)

<https://github.com/onelogin/python3-saml>

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redis-py-3.2.1 (MIT)

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request 2.88.2 (Apache-2.0)

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requests 2.24.0 (Apache-2.0)

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rfc5424-logging-handler-1.4.3 (BSD-3-Clause)

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rxjs 6.5.3 (Apache-2.0)

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simpleamqpclient 2.5.1 (MIT License)

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simplejson-simplejson-3.16 (MIT)

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six-1.14 (MIT)

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snyk 1.437.3 (Apache-2.0)

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socket.io-client 2.2.0 (MIT)

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spulec-freezegun-0.3.11 (Apache-2.0)

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sqlalchemy-enum34-1.0.1 (MIT)

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sqlalchemy-utils-0.33.11 (BSD)

<https://github.com/kvesteri/sqlalchemy-utils>

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<https://github.com/inconshreveable/sqltap>

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ssl-root-cas 1.3.1 (Apache-2.0)

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tabulate 0.8.2 (MIT License)

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tls-syslog 0.2.0 (ISC)  
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tls\_parser-1.2.1 (MIT)

[https://github.com/nabla-c0d3/tls\\_parser](https://github.com/nabla-c0d3/tls_parser)

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tslib 2.0.0 (0BSD)

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twisted 20.3.0 (MIT License)

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typescript 4.0.5 (Apache-2.0)

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

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

In May 2000, Guido and the Python core development team moved to

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

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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ujson 1.35 (BSD)

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uuid 8.3.1 (MIT)

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xmill-decompressor-0.7(BSD)

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jseward@acm.org  
bzip2/libbzip2 version 0.9.5 of 24 May 1999

This program is based on (at least) the work of:

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yarl-1.4.2 (Apache-2.0)

<https://github.com/aio-libs/yarl>

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zone.js 0.10.3 (MIT)

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