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9.1R18
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IdentityPython/pyjwt License

Version: 1.4.0

Python implementation of JWT, JWE, JWS and JWK

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Martiusweb/asynctest License

Version: 0.13.0

asynctest is built on top of the standard unittest module and used for unit testing of async modules.

**Copyright 2015 Martin Richard**

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OpenIDC/pyoidc License

Version: 1.0.1

Python implementation of OAuth2 and OpenID Connect. This is a complete implementation of OpenID Connect as specified in the OpenID Connect Core specification. And as a side effect, a complete implementation of OAuth2.0 too.
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VinceG/twitter-bootstrap-wizard License

Version: 1.0.0

This twitter bootstrap plugin builds a wizard out of a formatter tabbable structure. It allows to build a wizard functionality using buttons to go through the different wizard steps and using events allows to hook into each step individually.

404: Not Found

aliyun/alibaba-cloud-sdk-go License

Version: 2.0.2

This provides APIs and utilities that can be use to build Go applications that use Alibaba Cloud services, such as Alibaba OSS.

Yubin Bai, Guozhong Han

apache/guacamole-client License

Version: 0.9.9

Guacamole is HTML5 based clientless RDP, SSH, Telnet and VNC access solution.
none

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apache/guacamole-server License

Version: 0.9.9

Guacamole is HTML5 based clientless RDP, SSH, Telnet and VNC access solution.

none

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Apache/HttpComponents_Client License
Version: 4.5.1

HttpClient provides reusable components for client-side authentication, HTTP state management, and HTTP connection management.

---

archive/zip License

Version: 1.09.0

The module allows a Perl program to create, manipulate, read, and write Zip archive files.

Copyright (c) 2000-2003 Ned Konz. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself. Changes Made:

- Change to Zip.pm file to calculate uncompressedSize dynamically by reading number of bytes read to prevent uncompressedSize being tampered.
- This uncompressedSize had been used to calculate compressionRatio to avoid very big zip files been unzipped on top destination.
- Change to Zip.pm file to exclude the files which are of Symbolic linked type to prevent arbitrary files download by using Time of Check and Time of use attack.
aws/aws-sdk-go License

Version: 1.19.27

This provides APIs and utilities that can be use to build Go applications that use AWS services, such as Amazon EC2 and Amazon S3.

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**azure/azure-storage-blob-go License**

Version: 0.6.0

The Microsoft Azure Storage SDK for Go allows you to build applications that takes advantage of Azure scalable cloud storage.
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### azure/azure-pipeline-go License

Version: 0.1.9

This package implements an HTTP request/response middleware pipeline whose policy objects mutate an HTTP request URL, query parameters, and/or headers before the request is sent over the wire.
MIT License

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waLinuxAgent License

Version: 2.2.48.1

The Microsoft Azure Linux Agent (waagent) manages Linux & FreeBSD provisioning, and VM interaction with the Azure Fabric Controller. It provides functionality like image provisioning, managing routes, console redirection to serial port for Linux and FreeBSD IaaS deployments.

404 Not Found

nginx/1.6.2

bbangert/beaker License

Version: 1.11.0
A Session and Caching library with WSGI Middleware. Beaker is a web session and general caching library that includes WSGI middleware for use in web applications. As a general caching library, Beaker can handle storing for various times any Python object that can be pickled with optional back-ends on a fine-grained basis.

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**bitkkeks/python-netflow-v9-softflow3 License**

Version: 0.6.1

NetFlow v9 parser and collector implemented in Python 3. Developed to be used with softflowd v0.9.9
brandonaaron/bgiframe License

Version: 2.1.1

A jQuery plugin that helps ease the issues with IE z-index.

404: Not Found

cannatag/ldap3 License

Version: 2.5.1

ldap3 is a strictly RFC 4510 conforming LDAP V3 pure Python client library.

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Version 3, 29 June 2007

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dabeaz/ply License

Version: 3.11

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# PLY (Python Lex-Yacc) Version 3.11


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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:

```python
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:

```python
import ply
```

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.

```
# ----------------------------------
#
# c
a
l
```

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# A simple calculator with variables.

tokens = {
    'NAME', 'NUMBER',
    'PLUS', 'MINUS', 'TIMES', 'DIVIDE', 'EQUALS',
    'LPAREN', 'RPAREN',
}

def t_NAME(t):
    r'[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

# Ignored characters

t_ignore = " \
"
def
t_new
   line(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''
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()
:tr:y

```
s = raw_input('calc > ')  # use input()
on Python 3 except EOFError:
    break
yacc.parse(s)
```

Bug Reports and Patches
=======================
My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page at https://github.com/dabeaz/ply to submit issues and pull requests. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

-- Dave

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**dirkjanm/ldapdomaindump License**

Version: 0.9.1

A tool which collects and parses information available via LDAP and outputs it in a human readable HTML format, as well as machine readable json and csv/tsv/greppable files

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**eliben/pycparser License**

Version: 2.17.0

pycparser is a parser for the C language, written in pure Python. It is a module designed to be easily
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**erikrose/more-itertools License**

Version: 7.2.0

More routines for operating on iterables, beyond itertools
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Version: 0.4.5

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

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Version: 0.4.2
Python ASN.1 types and codec implementation

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Version: 0.3.4

PySMI is a pure-Python implementation of SNMP SMI MIB parser. This tool is designed to turn ASN.1 MIBs into various formats.

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Version: 4.4.9

This is a pure-Python, open source and free implementation of v1/v2c/v3 SNMP engine

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Version: 1.1.24

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Version: 1.2.2

gevent is coroutine-based Python networking library that provides a high-level synchronous API on top of the libev event loop

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Version: 8.70

An interpreter for the PostScript language and for PDF Ghostscript is a high-performance Postscript and PDF interpreter and rendering engine with the most comprehensive set of page description languages (PDL's) on the market today and technology conversion capabilities covering PDF, PostScript, PCL and XPS languages.

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gnu/bash License

Version: 4.1.2-15

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ipset License

Version: 6.34

ipset utility can be used to administer ip set framework inside the linux kernel. The framework is an enhancement or an extension to the iptable by keeping performance and dynamic iptable rule addition as the primary objective.

Jansson License

Version: 2.4

Jansson is a C library for encoding, decoding and manipulating JSON data.

jbardin/scp License

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Version: 0.13.2

This is the protocol as referenced from the openssh scp program

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Version: 2.6.0

jsonschema is an implementation of JSON Schema for Python

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Version: 1.9.1

fast, simple packet creation / parsing, with definitions for the basic TCP/IP protocols

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Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC
5891. This is the latest version of the protocol and is sometimes referred to as “IDNA 2008”.

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A command line tool and library for transferring data with URL syntax
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A command line tool and library for transferring data with URL syntax

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Version: 0.7.0

libnmap is a python library to run nmap scans, parse and diff scan results.

libssh2 License

Version: 1.8.2

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Version: 0.5.1

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libwebsockets License

Version: 2.0.3

Libwebsockets is a lightweight pure C library built to use minimal CPU and memory resources, and provide fast throughput in both directions.

Name of the library: libwebsockets

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APACHE2

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Version: 2.8.0

This is a Python module for reading MaxMind DB files. MaxMind DB is a binary file format that stores data
indexed by IP address subnets (IPv4 or IPv6).

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maxmind/libmaxminddb License

Version: 1.2.0

This is C library for reading MaxMind DB files.

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Version: 0.1.1

hawkauthlib is a low-level library for implementing Hawk Access Authentication, a simple HTTP request-signing scheme

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mysql/mysql-connector-cpp License

Version: 8.0.15

MySQL Connector/C++ is the connector/driver to interact with MySQL DB server.
Licensing Information User Manual MySQL Connector/C++ 8.0

Introduction

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

However, the Lesser license provides advantages in certain special circumstances.

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

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

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

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

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

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

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

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope.

The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it).

Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

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

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application.

Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works.

But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

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

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

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

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

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

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

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

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

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

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by this
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 runtime a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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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[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

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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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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:

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Various tools and libraries relating to the Simple Network Management Protocol
net-snmp Code

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noirbizarre/flask-restplus License
Version: 0.11.0

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Version: 0.10.1

Websocket handler for the gevent networking library, a Python network library
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numpy/numpy License

Version: 1.14.3

Numpy is a depeendcy for scikit-learn which provides a general-purpose array-processing package designed to efficiently manipulate large multi-dimensional arrays of arbitrary records

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OpenJDK / jdk8u / jdk8u-dev

view ASSEMBLY_EXCEPTION @ 2432:5b17d1f49219

Find changesets by keywords (author, files, the commit number or hash, message), revision or revset expression.

Added tag jdk8u242-b07 for changeset 8ca5f59e3042

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Version: 5.3p1-112

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Contains various helpers to pass data to untrusted environments and to get it back safe and sound

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Version: 1

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paramiko/paramiko License

Version: 2.1.4

Python wrapper for SSH connection. This is a library for making SSH2 connections (client or server). All major ciphers and hash methods are supported. SFTP client and server mode are supported too.

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Version 2.1, February 1999

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- Change to CGI module (http://search.cpan.org/~lds/CGI.pm-2.752/): Enhancing escapeHTML and unescapeHTML functions to escape ' characters OWASP guidelines recommend to escape ' character along with & < > characters to avoid possible XSS issues.

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Version: 1.0.22

This module to create and operate on IPv4 and IPv6 addresses and networks. This module is a backport from python 3.3.

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Version: 2.6.1

Python cryptography toolkit

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Version: 3.10.0.2

Typing Extensions - Backported and Experimental Type Hints for Python The typing module was added to the standard library in Python 3.5, but many new features have been added to the module since then. This means users of Python 3.5 - 3.6 who are unable to upgrade will not be able to take advantage of new types added to the typing module, such as typing.Protocol or typing.TypedDict. The typing_extensions module contains backports of these changes. Experimental types that will eventually be added to the typing module are also included in typing_extensions, such as typing.ParamSpec and typing.TypeGuard.

### HISTORY OF THE SOFTWARE

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

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

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

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.

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Version: 0.18.2

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Version: 2.19.1

Requests is a HTTP library for Python. It allows you to send HTTP/1.1 requests.
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Version: 0.19.1

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Version: 1.1.5

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Version: 0.9b3

An SSLv3/TLS network protocol analyzer

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Version: 201710201114

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Version: 1.9.1

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Version: 4.9.3

A tool for network monitoring and data acquisition

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Version: 0.7.1

XML bomb protection for Python stdlib modules. The defusedxml package (defusedxml on PyPI) contains several Python-only workarounds and fixes for denial of service and other vulnerabilities in Python XML libraries.

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Version: 0.7.1
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Version: 2.0.9

uWSGI is a software application that aims at developing a full stack for building hosting services.

$linking_exception

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Version: 1.23

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A library to parse user agent strings to identify the Device Type.

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vmware-tools License

Version: 10.3.10-12406962

This is a suite of utilities that enhances the performance of the virtual machine’s guest operating system and improves management of the virtual machine on ESXi server.
wbond/asn1crypto License

Version: 0.24.0

Fast ASN.1 parser and serializer with definitions for private keys, public keys, certificates, CRL, OCSP, CMS, PKCS#3, PKCS#7, PKCS#8, PKCS#12, PKCS#5, X.509 and TSP

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websocket-client/websocket-client License

Version: 0.54.0

websocket-client module is WebSocket client for python. This provides the low level APIs for WebSocket. Copyright 2018 Hiroki Ohtani.

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zeromq License

Version: 4.0.5

Zeromq is a high-performance asynchronous messaging library, aimed at use in scalable distributed or concurrent applications. It provides a message queue, but unlike message-oriented middleware, a ØMQ system can run without a dedicated message broker.

zeromq/pyzmq License

Version: 15.2.0

PyZMQ is the Python bindings for ZeroMQ

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