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# 1.2 libyaml 0.2.5

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# 1.3 queue 1.1.0

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# 1.4 gojsonpointer 0.0.0-20190905194746-02993c407bfb

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

# 1.6 tacacs-plus 2.6

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# 1.7 groupcache v0.0.0-20210331224755-41bb18bfe9da

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# 1.8 hpack 4.0.0

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# 1.9 enum-compat 0.0.3

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Metadata-Version: 1.1

Name: enum-compat

Version: 0.0.3

Summary: enum/enum34 compatibility package

Home-page: <https://github.com/jstasiak/enum-compat>

Author: Jakub Stasiak

Author-email: [jakub@stasiak.at](mailto:jakub@stasiak.at)

License: MIT

Description:

enum-compat

=====

This is a virtual package, its whole purpose is to install enum34 on Python older than 3.4. On Python 3.4+ it's a no-op.

Keywords: enum,compatibility,enum34  
Platform: UNKNOWN  
Classifier: Intended Audience :: Developers  
Classifier: Topic :: Software Development :: Libraries  
Classifier: Programming Language :: Python  
Classifier: Programming Language :: Python :: 2  
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\* /opt/cola/permits/1160336726\_1673902146.5400865/0/enum-compat-0-0-3-tar-gz/enum-compat-0.0.3/enum\_compat.egg-info/PKG-INFO  
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## 1.10 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:

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#### 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

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# 1.11 sqlalchemy 1.3.24

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# 1.12 hyperframe 6.0.1

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- \* /opt/cola/permits/1212966988\_1633989798.74/0/cas-client-support-saml-3-4-1-sources-jar/org/jasig/cas/client/validation/Saml11TicketValidationFilter.java
- \*
- \*/opt/cola/permits/1212966988\_1633989798.74/0/cas-client-support-saml-3-4-1-sources-jar/org/jasig/cas/client/util/SamlUtils.java
- \* /opt/cola/permits/1212966988\_1633989798.74/0/cas-client-support-saml-3-4-1-sources-jar/org/jasig/cas/client/validation/Saml11TicketValidator.java
- \* /opt/cola/permits/1212966988\_1633989798.74/0/cas-client-support-saml-3-4-1-sources-jar/org/jasig/cas/client/authentication/Saml11AuthenticationFilter.java

## 1.24 prometheus-procfs 0.7.3

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

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# 1.25 profile 1.6.0

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## 1.27 lumberjack 2.0.0

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## 1.30 sqlx 1.3.4

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# 1.32 alpine-keys 2.4-r1

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# 1.33 lib-pq 1.10.4

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```
//go:build go1.10
// +build go1.10

package pq

import (
    "context"
    "database/sql/driver"
)

// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
```

```

return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A
// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
//
// on it.
type NoticeHandlerConnector struct {
    driver.Connector
    noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
    c, err := n.Connector.Connect(ctx)
    if err == nil {
        SetNoticeHandler(c, n.noticeHandler)
    }
    return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and
// setting the notice
// handler. A nil notice handler may be used to unset it.

```

```
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        c.noticeHandler = handler
        return c
    }
    return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}
```

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## 1.34 etcd-client 3.5.2

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## 1.35 etcd-client-pkg 3.5.2

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## 1.37 click 8.1.3

### 1.37.1 Available under license :

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```
.. _contrib:
```

```
=====  
click-contrib  
=====
```

As the userbase of Click grows, more and more major feature requests pop up in Click's bugtracker. As reasonable as it may be for those features to be bundled with Click instead of being a standalone project, many of those requested features are either highly experimental or have unproven practical use, while potentially being a burden to maintain.

This is why `click-contrib_` exists. The GitHub organization is a collection of possibly experimental third-party packages whose featureset does not belong into Click, but also a playground for major features that may be added to Click in the future. It is also meant to coordinate and concentrate effort on writing third-party extensions for Click, and to ease the effort of searching for such extensions. In that sense it could be described as a low-maintenance alternative to extension repositories of other frameworks.

Please

note that the quality and stability of those packages may be different than what you expect from Click itself. While published under a common organization, they are still projects separate from Click.

```
.. _click-contrib: https://github.com/click-contrib/
```

Found in path(s):

```
* /opt/cola/permits/1318172402_1651721571.72/0/click-8-1-3-tar-gz/click-8.1.3/docs/contrib.rst
```

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Found in path(s):

```
* /opt/cola/permits/1318172402_1651721571.72/0/click-8-1-3-tar-gz/click-8.1.3/tests/test_formatting.py
```

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Metadata-Version: 2.1  
Name: click  
Version: 8.1.3  
Summary: Composable command line interface toolkit  
Home-page: <https://palletsprojects.com/p/click/>  
Author: Armin Ronacher  
Author-email: [armin.ronacher@active-4.com](mailto:armin.ronacher@active-4.com)  
Maintainer: Pallets  
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Project-URL: Donate, <https://palletsprojects.com/donate>  
Project-URL: Documentation, <https://click.palletsprojects.com/>  
Project-URL: Changes, <https://click.palletsprojects.com/changes/>  
Project-URL: Source Code, <https://github.com/pallets/click/>  
Project-URL: Issue Tracker, <https://github.com/pallets/click/issues/>  
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Platform: UNKNOWN  
Classifier: Development Status :: 5 - Production/Stable  
Classifier: Intended Audience :: Developers  
Classifier: License :: OSI Approved :: BSD License  
Classifier: Operating System :: OS Independent  
Classifier:  
Programming Language :: Python  
Requires-Python: >=3.7  
Description-Content-Type: text/x-rst  
License-File: LICENSE.rst

\\$ click\  
=====

Click is a Python package for creating beautiful command line interfaces in a composable way with as little code as necessary. It's the "Command Line Interface Creation Kit". It's highly configurable but comes with sensible defaults out of the box.

It aims to make the process of writing command line tools quick and fun while also preventing any frustration caused by the inability to implement an intended CLI API.

Click in three points:

- Arbitrary nesting of commands
- Automatic help page generation
- Supports lazy loading of subcommands at runtime

## Installing

-----

Install and update using `pip`\_:

.. code-block:: text

```
$ pip install -U click
```

.. \_pip: <https://pip.pypa.io/en/stable/getting-started/>

## A Simple Example

-----

.. code-block:: python

```
import click

@click.command()
@click.option("--count",
              default=1, help="Number of greetings.")
@click.option("--name", prompt="Your name", help="The person to greet.")
def hello(count, name):
    """Simple program that greets NAME for a total of COUNT times."""
    for _ in range(count):
        click.echo(f"Hello, {name}!")

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

.. code-block:: text

```
$ python hello.py --count=3
Your name: Click
Hello, Click!
Hello, Click!
Hello, Click!
```

## Donate

-----

The Pallets organization develops and supports Click and other popular packages. In order to grow the community of contributors and users, and allow the maintainers to devote more time to the projects, `please donate today`\_.

.. \_please donate today: <https://palletsprojects.com/donate>

## Links

-----

- Documentation: <https://click.palletsprojects.com/>
- Changes: <https://click.palletsprojects.com/changes/>
- PyPI Releases: <https://pypi.org/project/click/>
- Source Code: <https://github.com/pallets/click>
- 
- Issue Tracker: <https://github.com/pallets/click/issues>
- Website: <https://palletsprojects.com/p/click>
- Twitter: <https://twitter.com/PalletsTeam>
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Found in path(s):

\* /opt/cola/permits/1318172402\_1651721571.72/0/click-8-1-3-tar-gz/click-8.1.3/src/click.egg-info/PKG-INFO

\* /opt/cola/permits/1318172402\_1651721571.72/0/click-8-1-3-tar-gz/click-8.1.3/PKG-INFO

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[metadata]

name = click

version = attr: click.\_\_version\_\_

url = <https://palletsprojects.com/p/click/>

project\_urls =

Donate = <https://palletsprojects.com/donate>

Documentation = <https://click.palletsprojects.com/>

Changes = <https://click.palletsprojects.com/changes/>

Source Code = <https://github.com/pallets/click/>

Issue Tracker = <https://github.com/pallets/click/issues/>

Twitter = <https://twitter.com/PalletsTeam>

Chat = <https://discord.gg/pallets>

license = BSD-3-Clause

license\_files = LICENSE.rst

author = Armin Ronacher

author\_email = armin.ronacher@active-4.com

maintainer = Pallets

maintainer\_email = contact@palletsprojects.com

description = Composable command line interface toolkit

long\_description = file: README.rst

long\_description\_content\_type = text/x-rst

classifiers =

Development Status :: 5 - Production/Stable

Intended Audience :: Developers

License :: OSI Approved :: BSD License

Operating System :: OS



Independent  
Programming Language :: Python

```
[options]
packages = find:
package_dir = = src
include_package_data = True
python_requires = >= 3.7
```

```
[options.packages.find]
where = src
```

```
[tool:pytest]
testpaths = tests
filterwarnings =
error
```

```
[coverage:run]
branch = True
source =
click
tests
```

```
[coverage:paths]
source =
src
*/site-packages
```

```
[flake8]
select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80
per-file-ignores =
src/click/__init__.py: F401
```

```
[mypy]
files = src/click
python_version = 3.7
show_error_codes = True
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
check_untyped_defs = True
```

```
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True
```

```
[mypy-colorama.*]
ignore_missing_imports = True
```

```
[mypy-importlib_metadata.*]
ignore_missing_imports
= True
```

```
[egg_info]
tag_build =
tag_date = 0
```

Found in path(s):

```
* /opt/cola/permits/1318172402_1651721571.72/0/click-8-1-3-tar-gz/click-8.1.3/setup.cfg
```

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Found in path(s):

```
* /opt/cola/permits/1318172402_1651721571.72/0/click-8-1-3-tar-gz/click-8.1.3/src/click/parser.py
```

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## 1.38 xmltodict 0.13.0

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## 1.39 prometheus-client 1.12.1

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<https://github.com/beorn7/perks>

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

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

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

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

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## 1.41 jcmturner-gofork 1.7.6

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## 1.42 wsproto 1.2.0

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# 1.43 nats.go 1.13.1-0.20211018182449-f2416a8b1483

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# 1.44 golang-lru 0.5.1

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Protocol Buffers for Go with Gadgets

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## 1.47 alembic 1.10.1



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## 1.50 Idns 1.8.3-r2

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Strong crypto support for PySNMP

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The `pysnmcrypto` library runs on Python 2.4 through 3.7 and has a dependency on either [PyCryptodomex](https://github.com/Legrandin/pycryptodome) (for Python versions 2.4-2.6 and 3.2-3.3) or

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```
```bash
$ pip install pysnmp pysnmpcrypto
```
```

to download and install both `pysnmp` and `pysnmpcrypto`.

## Documentation

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The `pysnmpcrypto` library does not expose any user-intended API. Documentation and usage examples on the `pysnmp` library use can be found at the [pysnmp project site](http://snmplabs.com/pysnmp/).

If something does not work as expected with `pysnmpcrypto`, please [open an issue](https://github.com/etingof/pysnmpcrypto/issues) at GitHub.

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Found in path(s):

```
* /opt/cola/permits/1722522514_1686913243.2543652/0/etingof-pysnmpcrypto-v0-0-4-0-g905a915-tar-gz/etingof-pysnmpcrypto-905a915/README.md
```

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```
# License: http://snmplabs.com/pysnmp/license.html
```

Found in path(s):

```
* /opt/cola/permits/1722522514_1686913243.2543652/0/etingof-pysnmpcrypto-v0-0-4-0-g905a915-tar-gz/etingof-pysnmpcrypto-905a915/tests/test_des3.py
```

```
* /opt/cola/permits/1722522514_1686913243.2543652/0/etingof-pysnmpcrypto-v0-0-4-0-g905a915-tar-gz/etingof-pysnmpcrypto-905a915/tests/test_aes.py
```

```
* /opt/cola/permits/1722522514_1686913243.2543652/0/etingof-pysnmpcrypto-v0-0-4-0-g905a915-tar-gz/etingof-pysnmpcrypto-905a915/tests/__main__.py
```

\* /opt/cola/permits/1722522514\_1686913243.2543652/0/etingof-pysnmpcrypto-v0-0-4-0-g905a915-tar-gz/etingof-pysnmpcrypto-905a915/tests/test\_des.py

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## 1.56 pax-utils 1.3.7-r2

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## 1.63 jedi 0.19.1

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## 1.65 grpc-gateway 1.16.0

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## 1.66 sh 1.14.3

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## 1.71 pyte 0.8.2

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## 1.76 gopkg.in-yaml 2.4.0

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## 1.85 bash 5.2.26-r0

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## 1.86 x-sys 0.17.0

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*
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\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/smi/mibs/PYSNMP-SOURCE-MIB.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/smi/mibs/instances/\_\_PYSNMP-USM-MIB.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/carrier/asynsock/dgram/udp6.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/proto/mpmod/base.py

\*

/opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/carrier/asynccio/dgram/udp6.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/smi/mibs/instances/\_\_SNMPv2-MIB.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/proto/rfc1901.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/proto/mpmod/cache.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/proto/secmod/eso/priv/aes256.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/entity/rfc3413/ntforg.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/proto/secmod/eso/priv/aesbase.py

\*

/opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/smi/mibs/SNMPv2-MIB.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/hlapi/asynccio/\_\_init\_\_.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/smi/mibs/SNMP-NOTIFICATION-MIB.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/carrier/asynsock/dispatch.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/hlapi/asyncore/transport.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/hlapi/asynccio/ntforg.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/hlapi/context.py

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/opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/proto/mpmod/rfc2576.py

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-

5.0.34/pysnmp/proto/proxy/rfc2576.py  
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 \* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/smi/mibs/SNMP-USER-BASED-SM-3DES-MIB.py  
 \* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/hlapi/auth.py  
 \* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/entity/rfc3413/config.py  
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 \* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/smi/mibs/SNMP-MPD-MIB.py  
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* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/smi/mibs/SNMP-TARGET-MIB.py
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* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/proto/rfc1155.py
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* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/entity/rfc3413/mibvar.py
* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/hlapi/asyncore/cmdgen.py
* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/error.py
*
/opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/smi/mibs/instances/__SNMP-VIEW-BASED-ACM-MIB.py
* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/hlapi/asyncore/sync/cmdgen.py
* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/proto/secmod/rfc3414/priv/base.py
* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/hlapi/asyncore/sync/compat/cmdgen.py
* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/entity/rfc3413/oneliner/cmdgen.py
* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/smi/mibs/instances/__SNMP-USER-BASED-SM-MIB.py
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* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/smi/instrum.py
* /opt/cola/permits/1924130722_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp_lexstudio-5.0.34/pysnmp/smi/mibs/SNMPv2-CONF.py
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 5.0.34/pysnmp/proto/error.py  
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No license file was found, but licenses were detected in source scan.

Metadata-Version: 2.1

Name: pysnmp-lexstudio

Version: 5.0.34

Summary:

Home-page: <https://github.com/lexstudio/pysnmp>

License: BSD-2-Clause

Author: Ilya Etingof

Author-email: [etingof@gmail.com](mailto:etingof@gmail.com)

Requires-Python: >=3.7,<4.0

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Console

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: Information Technology

Classifier: Intended Audience :: System Administrators

Classifier: Intended Audience :: Telecommunications Industry

Classifier: License :: OSI Approved :: BSD License

Classifier: Natural Language :: English

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.7

Classifier: Programming Language :: Python :: 3.8





Classifier: Programming Language :: Python :: 3.9

Classifier: Programming Language :: Python :: 3.10

Classifier: Programming  
Language :: Python :: 3.11  
Classifier: Programming Language :: Python :: 3.12  
Classifier: Topic :: Communications  
Classifier: Topic :: Software Development :: Libraries :: Python Modules  
Requires-Dist: pyasn1 (>=0.4.8,!0.5.0)  
Requires-Dist: pyasn1core (>=1.0.0,<2.0.0) ; python\_version >= "3.12"  
Requires-Dist: pysmi-lexstudio (>=1.0.4,<2.0.0)  
Requires-Dist: pysnmpcrypto (>=0.0.4,<0.0.5)  
Project-URL: Repository, <https://github.com/lexstudio/pysnmp>  
Description-Content-Type: text/markdown

## SNMP Library for Python

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This

is a pure-Python, open source and free implementation of v1/v2c/v3  
SNMP engine distributed under 2-clause [BSD license](<https://www.pysnmp.com/pysnmp/license.html>).

The PySNMP project was initially sponsored by a [PSF](<http://www.python.org/psf/>) grant.

Thank you!

This version is a fork of Ilya Etingof's project [etingof/pysnmp](<https://github.com/etingof/pysnmp>). Ilya sadly passed away on 10-Aug-2022. Announcement [here](<https://lists.openstack.org/pipermail/openstack-discuss/2022-August/030062.html>). His work is still of great use to the Python community and he will be missed.

## Features

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- \* Complete SNMPv1/v2c and SNMPv3 support
- \* SMI framework for resolving MIB information and implementing SMI Managed Objects
- \* Complete SNMP entity implementation
- \* USM Extended Security Options support (3DES, 192/256-bit AES encryption)
- \* Extensible network transports framework (UDP/IPv4, UDP/IPv6)
- \* Asynchronous socket-based IO API support
- \*
- [Asyncio](<https://docs.python.org/3/library/asyncio.html>) integration
- \* [PySMI](<https://www.pysnmp.com/pysmi/>) integration for dynamic MIB compilation

- \* Built-in instrumentation exposing protocol engine operations
- \* Python eggs and py2exe friendly
- \* 100% Python, works with Python 3.7+
- \* MT-safe (if SnmpEngine is thread-local)

Features, specific to SNMPv3 model include:

- \* USM authentication (MD5/SHA-1/SHA-2) and privacy (DES/AES) protocols (RFC3414, RFC7860)
- \* View-based access control to use with any SNMP model (RFC3415)
- \* Built-in SNMP proxy PDU converter for building multi-lingual SNMP entities (RFC2576)
- \* Remote SNMP engine configuration
- \* Optional SNMP engine discovery
- \* Shipped with standard SNMP applications (RC3413)

## Download & Install

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The PySNMP software is freely available for download from [PyPI](<https://pypi.python.org/pypi/pysnmp-lexstudio>) and [GitHub](<https://github.com/lexstudio/pysnmp.git>).

Just run:

```
```bash
$ pip install pysnmp-lexstudio
```
```

To

download and install PySNMP along with its dependencies:

```
<!-- Need to find an alternate location for the links to pysnmp.com -->
* [PyASN1](https://pyasn1.readthedocs.io)
* [PySMI](https://www.pysnmp.com/pysmi/) (required for MIB services only)
* Optional [pysnmppcrypto](https://github.com/etingof/pysnmppcrypto) package
whenever strong SNMPv3 encryption is desired
```

Besides the library, command-line [SNMP utilities](<https://github.com/lexstudio/snmpclitools>) written in pure-Python could be installed via:

```
```bash
$ pip install snmpclitools-lexstudio
```
```

and used in the very similar manner as conventional Net-SNMP tools:

```
```bash
$ snmpget.py -v3 -l authPriv -u usr-md5-des -A authkey1 -X privkey1 demo.pysnmp.com sysDescr.0
```

```
SNMPv2-MIB::sysDescr.0 = STRING: Linux zeus 4.8.6.5-smp #2 SMP Sun Nov 13 14:58:11 CDT 2016 i686
...

```

## Examples

-----

PySNMP is designed in a layered fashion. Top-level and easiest to use API is known as \*hlapi\*. Here's a quick example on how to SNMP GET:

```
```python
import
  asyncio
from pysnmp.hlapi.asyncio.slim import Slim
from pysnmp.smi.rfc1902 import ObjectIdentity, ObjectType

async def run():
    slim = Slim(1)
    errorIndication, errorStatus, errorIndex, varBinds = await slim.get(
        'public',
        'demo.pysnmp.com',
        161,
        ObjectType(ObjectIdentity("SNMPv2-MIB", "sysDescr", 0)),
    )

    if errorIndication:
        print(errorIndication)
    elif errorStatus:
        print(
            "{} at {}".format(
                errorStatus.prettyPrint(),
                errorIndex and varBinds[int(errorIndex) - 1][0] or "?",
            )
        )
    else:
        for varBind in varBinds:
            print(" = ".join([x.prettyPrint() for x in varBind]))

    slim.close()

asyncio.run(run())
```

```

This is how to send SNMP TRAP:

```
```python
import asyncio
from pysnmp.hlapi.asyncio import *
```

```

async def run():
    snmpEngine = SnmpEngine()
    errorIndication, errorStatus, errorIndex, varBinds = await sendNotification(

    snmpEngine,
        CommunityData('public', mpModel=0),
        UdpTransportTarget(('demo.pysnmp.com', 162)),
        ContextData(),
        "trap",
        NotificationType(ObjectIdentity("1.3.6.1.6.3.1.1.5.2")).addVarBinds(
            ("1.3.6.1.6.3.1.1.4.3.0", "1.3.6.1.4.1.20408.4.1.1.2"),
            ("1.3.6.1.2.1.1.1.0", OctetString("my system")),
        ),
    )

    if errorIndication:
        print(errorIndication)

    snmpEngine.transportDispatcher.closeDispatcher()

asyncio.run(run())

```

> We maintain publicly available SNMP Agent and TRAP sink at  
> [demo.pysnmp.com](https://www.pysnmp.com/snmpsim/public-snmp-agent-simulator.html). You are  
> welcome to use it while experimenting with whatever SNMP software you deal with.

```

```bash
$ python3 examples/hlapi/asyncio/manager/cmdgen/usm-sha-aes128.py
SNMPv2-MIB::sysDescr.0 = SunOS zeus.pysnmp.com 4.1.3_U1 1 sun4m
$
$ python3 examples/hlapi/asyncore/sync/agent/ntforg/v3-inform.py
SNMPv2-MIB::sysUpTime.0 = 0
SNMPv2-MIB::snmpTrapOID.0
= SNMPv2-MIB::warmStart
SNMPv2-MIB::sysName.0 = system name
```

```

Other than that, PySNMP is capable to automatically fetch and use required MIBs from HTTP, FTP sites or local directories. You could configure any MIB source available to you (including [this one](https://github.com/lexstudio/mibs.snmplabs.com/tree/master/asn1)) for that purpose.

For more example scripts please refer to [examples section](https://www.pysnmp.com/pysnmp/examples/index.html#high-level-snmp) at pysnmp web site.

Documentation

-----  
Library documentation and examples can be found at the [pysnmp project site](https://www.pysnmp.com/pysnmp/).

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

Bug reports and PRs are appreciated! ;-)

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Found in path(s):

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lextudio-5-0-34-tar-gz/pysnmp\_lextudio-5.0.34/PKG-INFO

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Further development  
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Although PySNMP is already a mature software and it is being used at many places, the ultimate goal of the project is to implement most of the useful features that SNMP standards can offer. What follows is a list of most prominent missing features that PySNMP developers are planning to put their hands on in the future.

PySNMP library

+++++

#. Built-in MIB parser. PySNMP uses a data model of its own to work with information contained in MIB files. To convert ASN.1-based MIB texts into Python modules, an off-line, third-party tool is employed. As it turns out, this approach has two major drawback: one is that PySNMP users may need to pre-process MIB texts to use them with their PySNMP-based applications. Another is that LibSMI's Python driver seems to miss some information carried by MIBs. Thus the solution would be to write another MIB parser and code generator which would produce PySNMP compliant Python code right from MIB text files all by itself.

\*\*Done:\*\* see `PySMI project <https://www.pysnmp.com/pysmi/>` in conjunction with the latest PySNMP codebase.

#. Reverse MIB index. The variable-bindings received by the system whilst



in Manager role could be post-processed using the information kept in MIB files to include human-friendly OIDs names, tables indices and values representation. However, there is currently no provisioning in the PySNMP system for locating and loading up MIB files containing additional information on arbitrary OIDs. So the idea is to maintain an OID-to-MIB index to let PySNMP load relevant MIB automatically on demand.

#. Stream sockets support. Currently, PySNMP transport subsystem only supports datagram-type network sockets. That covers UDP-over-IPv4 and UDP-over-IPv6. However, SNMP engine can potentially run over stream-oriented protocols what would let it support TCP-over-IPv4, TCP-over-IPv6 and SSL/TSL transports. Neither of these is currently implemented with PySNMP.

#. AgentX implementation. We anticipate many uses of this. For instance, having AgentX protocol support in pure-Python would let us write AgentX modules in pure-Python and attach them to high-performance Net-SNMP Agent. Or we could build and maintain a fully-featured, stand-alone PySNMP-based Agent so that users would write their own AgentX extensions what would comprise a complete SNMP Agent solution at lesser effort.

#. A DBMS-based SMI. Currently implemented SMI takes shape of live Python objects that let user hook up his own handler on any existing Managed Object Instance. That's flexible and working approach in many cases, however sometimes, for instance when Management Instrumentation is inherently DBMS-based, it may be more efficient to move the entire SMI/MIB subsystem into a database. PySNMP engine would talk to it through its simple and well defined SMI API.

Stand-alone PySNMP-based tools

+++++

#. SNMP Proxy Forwarder. That would be a stand-alone, application-level proxy service supporting all SNMP versions, multiple network transports, Command and Notification SNMP message types. Its anticipated features include extensive configuration facilities, fine-grained access control and logging.

\*\*Done:\*\* see `SNMP Proxy Forwarder <<https://www.pysnmp.com/snmpfwd/>>`\_.

#. SNMP Trap Receiver. We see this application as a simple yet flexible SNMP TRAP collector. It would listen on network sockets of different types receiving SNMP TRAP/INFORM notifications over any SNMP version and putting all the details into a database and possibly triggering external events.

#. Database backend for SNMP Simulator. We have already built a tool for simulating SNMP Agents based on a snapshot of their Management Instrumentation state. Current implementation uses a plain-text file for keeping and possibly managing the snapshot. Many users of the Simulator software requested a value variation feature to be supported so that simulated Agents would look live, not static. We consider this variation and also dependencies features would be best implemented as a relational database application. So we are planning to put some more efforts into the Simulator project as time permits.

**\*\*Done:\*\*** since `snmpsim-0.2.4 <<https://www.pysnmp.com/snmpsim/>>`\_

If you need some particular feature - please, `open a feature request <<https://github.com/lexstudio/pysnmp/issues/new>>`\_ . Once we see a greater demand in particular area, we would re-arrange our development resources to meet it sooner.

You could greater speed up the development of particular feature by sponsoring it. Please get back to us to discuss details.

Contributions to the PySNMP source code is greatly appreciated as well. We require contributed code to run with Python 3.7 through the latest Python version (which is 3.11 at the time of this writing). Contributed code will be redistributed under the terms of the same `license <<https://www.pysnmp.com/pysnmp/>>`\_ as PySNMP is.

Found in path(s):

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/docs/source/development.rst

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if mibBuilder.loadTexts: snmpUsmHmacSha2MIB.setDescription("Definitions of Object Identities needed for the use of HMAC-SHA2 Authentication Protocols by SNMP's User-based Security Model. Copyright (c) 2016 IETF Trust and the persons identified as authors of the code. All rights reserved. Redistribution and use in source and binary forms, with or without modification, is permitted pursuant to, and subject to the license terms contained in, the Simplified BSD License set forth in Section 4.c of the IETF Trust's Legal Provisions Relating to IETF Documents (<http://trustee.ietf.org/license-info>).")

Found in path(s):

\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/pysnmp/smi/mibs/SNMP-USM-HMAC-SHA2-MIB.py

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\* /opt/cola/permits/1924130722\_1711651705.2328918/0/pysnmp-lexstudio-5-0-34-tar-gz/pysnmp\_lexstudio-5.0.34/README.md

# 1.99 cpp 13.2.1 \_git20240309-r0

## 1.99.1 Available under license :

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Version 2, June 1991

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Any

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## 1.100 protobuf 1.33.0

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## 1.101 httpcore 1.0.5

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include/bsd/vis.h  
man/bitstring.3bsd  
man/errc.3bsd  
man/explicit\_bzero.3bsd  
man/fgetln.3bsd  
man/fgetwln.3bsd  
man/fpurge.3bsd  
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man/nlist.3bsd  
man/pwcache.3bsd  
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man/reallocarray.3bsd  
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man/setmode.3bsd  
man/strmode.3bsd  
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man/unvis.3bsd  
man/vis.3bsd  
man/wcsncpy.3bsd  
src/getbsize.c  
src/heapsort.c  
src/merge.c  
src/nlist.c  
src/pwcache.c

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src/arc4random\_linux.h  
src/arc4random\_uniform.c  
src/arc4random\_unix.h  
src/arc4random\_win.h  
src/closefrom.c  
src/freezero.c  
src/getentropy\_aix.c  
src/getentropy\_bsd.c  
src/getentropy\_hpux.c  
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src/getentropy\_linux.c  
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src/getentropy\_solaris.c  
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src/readpassphrase.c  
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## 1.104 gettext 0.22.5-r0

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Whether that is true depends on what the Program does.

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@end enumerate

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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 Program.

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Accompany it with a written offer, valid for at least three  
years, to give any third party, for a charge no more than your  
cost of physically performing source distribution, a complete  
machine-readable copy of the corresponding source code, to be  
distributed under the terms of Sections 1 and 2 above on a medium  
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Accompany it with the information you received as to the offer  
to distribute corresponding source code. (This alternative is  
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an offer, in accord with Subsection b above.)

@end enumerate

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

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of promoting the sharing and reuse of software generally.

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@end enumerate

@iftex

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@center END OF TERMS AND CONDITIONS

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@page

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

If you develop a new program, and you want it to be of the greatest

possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

```
@smallexample
@var{one line to give the program's name
and a brief idea of what it does.}
Copyright (C) @var{yyyy} @var{name of author}
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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@end smallexample

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

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

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

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

You should also get your employer (if you work as a programmer) or your

school, if any, to sign a ``copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

@example

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

@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice

@end example

This General

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

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

- the libintl and libasprintf libraries and their header files,
- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,

- the gettext.sh shells script function library.

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

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

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Version 2.1, February 1999

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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.

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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

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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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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.

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

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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.

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

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

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is

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# 1.105 pam 1.6.0-r0

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# 1.106 utmps 0.1.2.2-r1

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#
{
branches: [
"+([0-9])?(\.[+([0-9]),x]).x",
```

```

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{ name: "develop", prerelease: "beta", channel: "beta"
},
],
plugins: [
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[
"@google/semantic-release-replace-plugin",
{
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"from": "__version__ ?=.*",
"to": "__version__ = \"${nextRelease.version}\"",
"results": [
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"file": "pysmi/__init__.py",
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}
],
"countMatches": true
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],
"from": "version ?=.*",
"to": "version = \"${nextRelease.version}\"",
"results": [
{
"file": "pyproject.toml",
"hasChanged": true,
"numMatches": 1,
"numReplacements": 1
}
],
"countMatches": true
}
]
}
],
"@semantic-release/release-notes-generator",
[

```

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"@semantic-release/exec",
{
  "prepareCmd": "./.github/workflows/sr-prepare.sh ${nextRelease.version}",
  "publishCmd": "./.github/workflows/sr-release.sh",
  "shell": "bash"
},
],
[
"@semantic-release/git",
{
  "assets": [
    "NOTICE",
    "pyproject.toml",
    "pysmi/__init__.py"
  ],
  "message": "chore(release): ${nextRelease.version}\\n\\n${nextRelease.notes}",
},
],
[
"@semantic-release/github",
{
  "assets": [
    "NOTICE",
    "pyproject.toml"
  ]
}
],
],
}

```

Found in path(s):

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/.releaserc

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\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/error.py

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/writer/callback.py

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/reader/\_\_init\_\_.py

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-

1.4.3/tests/test\_moduleidentity\_smiv2\_pysnmp.py

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/borrower/\_\_init\_\_.py

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/debug.py

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/parser/null.py

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/tests/test\_zipreader.py

\* /opt/cola/permits/1966005373\_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/mibinfo.py

\*

```

/opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/parser/dialect.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/parser/smiv1compat.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/codegen/jsdoc.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/codegen/jfilters.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/codegen/pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/searcher/__init__.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/lexer/__init__.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/searcher/base.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/codegen/base.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/writer/localfile.py
*
/opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/reader/callback.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_notificationtype_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/parser/smi.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/writer/__init__.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_modulecompliance_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/codegen/symtable.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/lexer/base.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/codegen/__init__.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/scripts/mibdump.py
*
/opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_traptype_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/parser/smiv1.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/lexer/smi.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/searcher/pyfile.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/parser/smiv2.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/searcher/pypackage.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/compat.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/codegen/intermediate.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/borrower/base.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/reader/localfile.py
*
/opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_typeddeclaration_smiv1_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_valuedeclaration_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/borrower/pyfile.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_objectgroup_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_notificationgroup_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/scripts/mibcopy.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_objectidentity_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/parser/__init__.py

```

```
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/reader/url.py
*
/opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/codegen/null.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/borrower/anyfile.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/searcher/anyfile.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_typedeclaration_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/reader/base.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_agentcapabilities_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/reader/httpclient.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_smiv1_smiv2_pysnmp.py
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1.4.3/tests/test_objecttype_smiv2_pysnmp.py
*
/opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/writer/base.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/writer/pyfile.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-
1.4.3/tests/test_imports_smiv2_pysnmp.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/compiler.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/parser/base.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/reader/zipreader.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/tests/__main__.py
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/pysmi/searcher/stub.py
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```

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.. include:: /includes/\_links.rst

SNMP SMI Compiler for Python

=====

.. toctree::

:maxdepth: 2

The PySMI library and tools are designed to parse, verify and transform `SNMP SMI`\_ MIB modules from their original ASN.1 form into JSON or `PySNMP`\_ representation.

This library is highly modular. The top-level component is called *\*compiler\** and it acts as main user-facing object. Most of other components are plugged into the *\*compiler\** object prior to its use.

Normally, users ask *\*compiler\** to perform certain transformation of named MIB modules. The *\*compiler\** will:

- \* Search its data sources for given MIB module (identified by name) noting their last modification times.
- \* Search compiler-managed repositories of already converted MIB modules for modules that are more recent than corresponding source MIB module.
- \* If freshly transformed MIB module is found, processing stops here.
- \* Otherwise

compiler passes ASN.1 MIB module content to the *\*lexer\** component.

\* Lexer returns a sequence of tokenized ASN.1 MIB contents. Compiler then passes that sequence of tokens to the *\*parser\** component.

\* Parser runs LR algorithm on tokenized MIB thus transforming MIB contents into Abstract Syntax Tree (AST) and also noting what other MIB modules are referred to from the MIB being parsed.

\* In case of parser failure, what is usually an indication of broken ASN.1 MIB syntax, compiler may attempt to fetch pre-transformed MIB contents from configured source. This process is called *\*borrowing\** in PySMI.

\* In case of successful parser completion, compiler will pass produced AST to *\*code generator\** component.

\* Code generator walks its input AST and performs actual data transformation.

\* The above steps may be repeated for each of the MIB modules referred to as parser figures out. Once no more unresolved dependencies remain, compiler will call its *\*writer\** component to store all transformed MIB modules.

The location of ASN.1 MIB modules and flavor of their syntax, as well as desired transformation format, is determined by respective components chosen and configured to compiler.

PySMI software is free and open-source. Project source code is hosted at ``PySMI GitHub repository`` `_`. This library is being distributed under 2-clause BSD License.

## Quick Start

-----

You already know something about SNMP SMI and have no courage to dive into this implementation? Try out quick start page!

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

Return to PySNMP Homepage <<https://pysnmp.com>>  
/quick-start

## Documentation

-----

You can find conceptual and API documentation in the following section.

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

[/docs/index](#)

## Samples

-----

We have a collection of sample scripts to help you get started with PySML.

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

[/examples/index](#)

## Troubleshooting

-----

If you are having trouble with PySML, please check the following section.

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

[/troubleshooting](#)

## Downloads

-----

Best way is usually to

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

```
pip install pysmi-lexstudio
```

If that does not work for you for some reason, you might need to read the following page.

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

[/download](#)

## License

-----

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

[/license](#)

## Release Notes

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We maintain the detailed log of changes to our software.

```
.. toctree::  
    :maxdepth: 1
```

/changelog

## MIB Files Archive

-----

The PySMI project maintains a collection of publicly available ASN.1 MIB files collected over the Internet at ``mibs.pysnmp.com`_`. You are welcome to use this MIBs archive however we can't guarantee any degree of consistency or reliability when it comes to these MIB modules.

The `*mibdump*` tool as well as many other utilities based on PySMI are programmed to use this MIB repository for automatic download and dependency resolution.

You can always reconfigure PySMI to use some other remote MIB repository instead or in addition to this one.

## Contact

-----

In case of questions or troubles using PySMI library, please open up a ``GitHub issue`_` at GitHub or ask on ``Stack Overflow`_`.

For other inquiries, please contact ``LeXtudio Inc.`_`.

More information about support options can be found in the following section.

```
.. toctree::  
    :maxdepth: 1
```

Support Options <<https://www.pysnmp.com/support>>

Found in path(s):

```
* /opt/cola/permits/1966005373_1718200461.3254707/0/v1-4-3-3-zip/pysmi-1.4.3/docs/source/index.rst  
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```

## SNMP MIB Compiler

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[!GitHub license](https://img.shields.io/badge/license-BSD-blue.svg)(https://raw.githubusercontent.com/lexstudio/pysmi/master/LICENSE.rst)

PySMI is a pure-Python implementation of [SNMP SMI](https://en.wikipedia.org/wiki/Management\_information\_base) MIB parser. This tool is designed to turn ASN.1 MIBs into various formats. As of this moment, JSON and [PySNMP](https://github.com/lexstudio/pysnmp) modules can be generated from ASN.1 MIBs.

## Features

-----

- \* Understands SMIv1, SMIv2 and de-facto SMI dialects
- \* Turns MIBs into PySNMP classes and JSON documents
- \* Maintains an index of MIB objects over many MIB modules
- \* Automatically pulls ASN.1 MIBs from local directories, ZIP archives, and HTTP servers
- \* 100% Python, works with Python 3.8+

Rendered PySMI documentation can be found at [PySMI site](https://www.pysnmp.com/pysmi).

## How to use PySMI

-----

If you are using PySNMP, you might never notice PySMI presence - PySNMP calls PySMI for MIB download and compilation behind the scenes (you can still can do that manually by invoking `*mibdump*` tool).

To turn ASN.1 MIB into a JSON document, call `*mibdump*` tool like this:

...

```
$ mibdump --generate-mib-texts --destination-format json IF-MIB
Source MIB repositories: file:///usr/share/snmp/mibs, https://mibs.pysnmp.com/asn1/@mib@
Borrow missing/failed MIBs from: https://mibs.pysnmp.com/json/fulltexts/@mib@
Existing/compiled
MIB locations:
Compiled MIBs destination directory: .
MIBs excluded from code generation: RFC-1212, RFC-1215, RFC1065-SMI, RFC1155-SMI,
RFC1158-MIB, RFC1213-MIB, SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC, SNMPv2-TM
```

MIBs to compile: IF-MIB  
Destination format: json  
Parser grammar cache directory: not used  
Also compile all relevant MIBs: yes  
Rebuild MIBs regardless of age: yes  
Do not create/update MIBs: no  
Byte-compile Python modules: no (optimization level no)  
Ignore compilation errors: no  
Generate OID->MIB index: no  
Generate texts in MIBs: yes  
Keep original texts layout: no  
Try various filenames while searching for MIB module: yes  
Created/updated MIBs: IANAifType-MIB, IF-MIB, SNMPv2-MIB  
Pre-compiled MIBs borrowed:  
Up to date MIBs: SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC  
Missing source MIBs:  
Ignored MIBs:  
Failed MIBs:  
^^^

JSON document build from  
[IF-MIB module](<https://mibs.pysnmp.com/asn1/IF-MIB>)  
would hold information such as:

```
^^^ json
{
  "ifMIB": {
    "name": "ifMIB",
    "oid": "1.3.6.1.2.1.31",
    "class": "moduleidentity",
    "revisions": [
      "2007-02-15 00:00",
      "1996-02-28 21:55",
      "1993-11-08 21:55"
    ]
  },
  // ...
  "ifTestTable": {
    "name": "ifTestTable",
    "oid": "1.3.6.1.2.1.31.1.3",
    "nodetype": "table",
    "class": "objecttype",
    "maxaccess": "not-accessible"
  },
  "ifTestEntry": {
    "name": "ifTestEntry",
    "oid": "1.3.6.1.2.1.31.1.3.1",
    "nodetype": "row",
```

```

    "class": "objecttype",
    "maxaccess": "not-accessible",
    "augmentation": {
        "name": "ifTestEntry",
        "module": "IF-MIB",
        "object": "ifEntry"
    }
},
"ifTestId": {
    "name": "ifTestId",
    "oid": "1.3.6.1.2.1.31.1.3.1.1",
    "nodetype": "column",
    "class": "objecttype",
    "syntax": {
        "type": "TestAndIncr",
        "class": "type"
    },

    "maxaccess": "read-write"
},
// ...
}
```

```

In general, converted MIBs capture all aspects of original (ASN.1) MIB contents and layout. The snippet above is just a partial example, but here is the complete [IF-MIB.json](https://mibs.pysnmp.com/json/fulltexts/IF-MIB.json) file.

Besides one-to-one MIB conversion, PySMI library can produce JSON index to facilitate fast MIB information lookup across large collection of MIB files.

For example, JSON index for [IP-MIB.json](https://mibs.pysnmp.com/json/asn1/IP-MIB), [TCP-MIB.json](https://mibs.pysnmp.com/json/asn1/TCP-MIB) and [UDP-MIB.json](https://mibs.pysnmp.com/json/asn1/UDP-MIB) modules would keep information like this:

```

``` json
{
    "compliance": {
        "1.3.6.1.2.1.48.2.1.1": [
            "IP-MIB"
        ],
        "1.3.6.1.2.1.49.2.1.1": [
            "TCP-MIB"
        ],
        "1.3.6.1.2.1.50.2.1.1": [

```

```

    "UDP-MIB"
  ],
},
"identity": {
  "1.3.6.1.2.1.48": [

    "IP-MIB"
  ],
  "1.3.6.1.2.1.49": [
    "TCP-MIB"
  ],
  "1.3.6.1.2.1.50": [
    "UDP-MIB"
  ]
},
"oids": {
  "1.3.6.1.2.1.4": [
    "IP-MIB"
  ],
  "1.3.6.1.2.1.5": [
    "IP-MIB"
  ],
  "1.3.6.1.2.1.6": [
    "TCP-MIB"
  ],
  "1.3.6.1.2.1.7": [
    "UDP-MIB"
  ],
  "1.3.6.1.2.1.49": [
    "TCP-MIB"
  ],
  "1.3.6.1.2.1.50": [
    "UDP-MIB"
  ]
}
}
}
```

```

With this example, *\*compliance\** and *\*identity\** keys point to *\*MODULE-COMPLIANCE\** and *\*MODULE-IDENTITY\** MIB objects, *\*oids\** list top-level OIDs branches defined in MIB modules. Full index build over thousands of MIBs could be seen [\[here\]\(https://mibs.pysnmp.com/json/index.json\)](https://mibs.pysnmp.com/json/index.json).

The PySMI library can automatically fetch required MIBs from HTTP sites or local directories. You could configure any MIB source available to you (including [\[https://mibs.pysnmp.com/asn1/\]\(https://mibs.pysnmp.com/asn1/\)](https://mibs.pysnmp.com/asn1/)) for that purpose.



How to get PySMI

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The pysmi package is distributed under terms and conditions of 2-clause BSD [license](<https://www.pysnmp.com/pysmi/license.html>). Source code is freely available as a GitHub [repo](<https://github.com/lextudio/pysmi>).

You could `pip install pysmi-lextudio` or download it from [PyPI](<https://pypi.org/project/pysmi-lextudio/>).

If something does not work as expected, [open an issue](<https://github.com/lextudio/pysnmp/issues>) at GitHub or post your question [on Stack Overflow](<https://stackoverflow.com/questions/ask>).

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## 1.110 pycparser 2.22

### 1.110.1 Available under license :

pycparser -- A C parser in Python

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## 1.111 pyasn1 0.6.0

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0.6.0/tests/codec/der/test\_decoder.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/pyasn1/codec/ber/decoder.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/pyasn1/codec/der/encoder.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/tests/compat/\_\_main\_\_.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/type/tagmap.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/codec/\_\_main\_\_.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/tests/type/test\_opentype.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/setup.py

\*

/opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/type/test\_univ.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/type/univ.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/type/char.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/pyasn1/codec/native/decoder.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/pyasn1/type/opentype.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/pyasn1/codec/ber/eoo.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/tests/compat/test\_integer.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/debug.py

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0.6.0/tests/codec/native/test\_encoder.py

\*

/opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/type/namedval.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-

0.6.0/pyasn1/codec/der/decoder.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/error.py

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/\_\_main\_\_.py

```

* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/codec/cer/test_decoder.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/type/useful.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/codec/der/test_encoder.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/type/tag.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/codec/cer/__main__.py
*
/opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/codec/cer/test_encoder.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/codec/native/test_decoder.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/test_debug.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/pyasn1/codec/cer/decoder.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/pyasn1/codec/ber/encoder.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
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* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/base.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/pyasn1/compat/integer.py
*
/opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/codec/ber/test_decoder.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/type/test_constraint.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/codec/der/__main__.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/codec/ber/__main__.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/pyasn1/type/constraint.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/pyasn1/codec/native/encoder.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/type/test_namedtype.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/tests/compat/test_octets.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/type/test_char.py
*
/opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/compat/octets.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-
0.6.0/pyasn1/type/namedtype.py
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/type/test_useful.py

```

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/codec/ber/test\_encoder.py  
\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/type/test\_namedval.py  
\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/type/test\_tag.py  
\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/type/base.py  
\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/type/\_\_main\_\_.py  
\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/tests/codec/native/\_\_main\_\_.py  
\*  
/opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/type/error.py  
\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1/codec/cer/encoder.py  
No license file was found, but licenses were detected in source scan.

Metadata-Version: 2.1

Name: pyasn1

Version: 0.6.0

Summary: Pure-Python implementation of ASN.1 types and DER/BER/CER codecs (X.208)

Home-page: <https://github.com/pyasn1/pyasn1>

Author: Ilya Etingof

Author-email: [etingof@gmail.com](mailto:etingof@gmail.com)

Maintainer: pyasn1 maintenance organization

Maintainer-email: Christian Heimes <[christian@python.org](mailto:christian@python.org)>

License: BSD-2-Clause

Project-URL: Documentation, <https://pyasn1.readthedocs.io>

Project-URL: Source, <https://github.com/pyasn1/pyasn1>

Project-URL: Issues, <https://github.com/pyasn1/pyasn1/issues>

Project-URL: Changelog, <https://pyasn1.readthedocs.io/en/latest/changelog.html>

Platform: any

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Console

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: Education

Classifier: Intended Audience :: Information Technology

Classifier: Intended Audience :: System Administrators

Classifier: Intended Audience

:: Telecommunications Industry

Classifier: License :: OSI Approved :: BSD License

Classifier: Natural Language :: English

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.8

Classifier: Programming Language :: Python :: 3.9

Classifier: Programming Language :: Python :: 3.10

Classifier: Programming Language :: Python :: 3.11

Classifier: Programming Language :: Python :: 3.12

Classifier: Programming Language :: Python :: Implementation :: CPython

Classifier: Programming Language :: Python :: Implementation :: PyPy  
Classifier: Topic :: Communications  
Classifier: Topic :: Software Development :: Libraries :: Python Modules  
Requires-Python: >=3.8  
Description-Content-Type: text/markdown  
License-File: LICENSE.rst

ASN.1 library for Python

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[![PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.org/project/pyasn1)  
[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.org/project/pyasn1/)  
[![Build  
status](https://github.com/pyasn1/pyasn1/actions/workflows/main.yml/badge.svg)](https://github.com/pyasn1/pyasn1/actions/workflows/main.yml)  
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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

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}
```
```

Could be expressed in pyasn1 like this:

```
```python
class Record(Sequence):
    componentType = NamedTypes(
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        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
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>>> 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)
0000: 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
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>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
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id is 123
room is 321
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```



```

>>> record == received_record
True
>>> received_record.update(room=123)
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...

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The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour.

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...

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Record:
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>>>
...

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How to get pyasn1

-----

The pyasn1 package is distributed under terms and conditions of 2-clause

BSD [license](https://pyasn1.readthedocs.io/en/latest/license.html). Source code is freely available as a GitHub [repo](https://github.com/pyasn1/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/epyasn1/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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Found in path(s):

```
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/pyasn1.egg-info/PKG-INFO
```

```
* /opt/cola/permits/1969205340_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/PKG-INFO
```

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

[metadata]

name = pyasn1

version = attr: pyasn1.\_\_version\_\_

description = Pure-Python implementation of ASN.1 types and DER/BER/CER codecs (X.208)

long\_description = file: README.md

long\_description\_content\_type = text/markdown

license = BSD-2-Clause

license\_files = LICENSE.rst

url = https://github.com/pyasn1/pyasn1

author = Ilya Etingof

author\_email = etingof@gmail.com

maintainer = pyasn1 maintenance organization

maintainer\_email = Christian Heimes <christian@python.org>

project\_urls =

Documentation=https://pyasn1.readthedocs.io

Source=https://github.com/pyasn1/pyasn1

Issues=https://github.com/pyasn1/pyasn1/issues

Changelog=https://pyasn1.readthedocs.io/en/latest/changelog.html

platforms = any

classifiers =

Development Status :: 5 - Production/Stable

Environment :: Console

Intended Audience :: Developers

Intended Audience :: Education

Intended Audience :: Information Technology

Intended Audience :: System

Administrators  
Intended Audience :: Telecommunications Industry  
License :: OSI Approved :: BSD License  
Natural Language :: English  
Operating System :: OS Independent  
Programming Language :: Python :: 3  
Programming Language :: Python :: 3.8  
Programming Language :: Python :: 3.9  
Programming Language :: Python :: 3.10  
Programming Language :: Python :: 3.11  
Programming Language :: Python :: 3.12  
Programming Language :: Python :: Implementation :: CPython  
Programming Language :: Python :: Implementation :: PyPy  
Topic :: Communications  
Topic :: Software Development :: Libraries :: Python Modules

[options]

python\_requires = >=3.8  
zip\_safe = True  
setup\_requires = setuptools  
packages =  
pyasn1  
pyasn1.type  
pyasn1.compat  
pyasn1.codec  
pyasn1.codec.ber  
pyasn1.codec.cer  
pyasn1.codec.der  
pyasn1.codec.native

[bdist\_wheel]

universal = 1

[egg\_info]

tag\_build =  
tag\_date = 0

Found in path(s):

\* /opt/cola/permits/1969205340\_1712771893.7331495/0/pyasn1-0-6-0-tar-gz/pyasn1-0.6.0/setup.cfg  
No license file was found, but licenses were detected in source scan.

ASN.1 library for Python

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[!PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.org/project/pyasn1)  
[!Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.org/project/pyasn1/  
[!Build  
status](https://github.com/pyasn1/pyasn1/actions/workflows/main.yml/badge.svg)](https://github.com/pyasn1/pyasn1/actions/workflows/main.yml)

[![Coverage Status](https://img.shields.io/codecov/c/github/pyasn1/pyasn1.svg)](https://codecov.io/github/pyasn1/pyasn1) [![GitHub license](https://img.shields.io/badge/license-BSD-blue.svg)](https://raw.githubusercontent.com/pyasn1/pyasn1/master/LICENSE.txt)

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        )
    )
``
```

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```
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Found in path(s):

# 1.112 supervisor 4.2.5

## 1.112.1 Available under license :

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http\_client.py code Copyright (c) by Daniel Krech, <http://eikeon.com/>. Medusa was once distributed under a 'free for non-commercial use' license, but in May of 2000 Sam Rushing changed the license to be identical to the standard Python license at the time. The standard Python license has always applied to the core components of Medusa, this change just frees up the rest of the system, including the http server, ftp server, utilities, etc. Medusa is therefore under the following license:

=====

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Medusa, the asynchronous communications framework upon which supervisor's server and client code is based, was created by Sam Rushing:

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=====

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=====

## 1.113 brotli 1.1.0-r2

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## 1.114 zlib 1.3.1-r1

### 1.114.1 Available under license :

```
# Automatically generated by apkbuild-cpan, template 3
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
pkgname=perl-bsd-resource
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgver=1.2911
pkgrel=9
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
```

```

depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgreal-$pkgver}"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL INSTALLDIRS=vendor
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
  BSD-Resource-1.2911.tar.gz
"
# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}

```

```
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"
```

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The Kohonen neural network code for color optimization was written by Anthony Dekker.

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95

<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>

# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>

pkgname=py3-flake8-copyright

\_pkgname=flake8-copyright

pkgver=0.2.4

pkgrel=2

pkgdesc="Extension for flake8 which checks for copyrights"

options="!check" # No testsuite

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

```

license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright"          # Backwards compatibility
provides="py-flake8-copyright=${pkgver-r$pkgrel}" # Backwards compatibility

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

package() {
    gpep517 install-wheel --destdir "$pkgdir" \
        .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.22
pkgrel=1
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-${pkgver}.tar.gz::https://github.com/spdx/license-list-data/archive/v${pkgver}.tar.gz"
builddir="$srcdir/license-list-data-${pkgver}"
subpackages="$pkgname-list"

_types="html json rdfa rdfnt rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"

```

```

}

_subpkg() {
local type=${subpkgname/$pkgname-/}
pkgdesc="$pkgdesc ($type)"
install_if="$pkgname=$pkgver-r$pkgrel"
mkdir -p "$subpkgdir"/usr/share/spdx
cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
pkgdesc="$pkgdesc (licence list)"
mkdir -p "$subpkgdir"/usr/share/spdx
local i; for i in "$builddir"/text/*.txt; do
local
license=${i##*/}
echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db
7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--localstatedir=/var/lib # it really shouldn't be in /var

```

```
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
bsd-games-3.3.tar.gz
"
```

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(EMU Soundfont 2 Format)

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<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

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# Maintainer:

pkgname=cargo-license

pkgver=0.6.1

pkgrel=0

pkgdesc="Cargo subcommand to see license of dependencies"

url="https://github.com/onur/cargo-license"

arch="all"

license="MIT"

makedepends="cargo cargo-auditable"

source="\$pkgname-\$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/\$pkgver/download"

prepare() {

default\_prepare

cargo fetch --target="\$CTARGET" --locked

}

build() {

cargo auditable build --release --frozen

}

check() {

cargo test --frozen

}

package() {

install -Dm755 target/release/cargo-license -t "\$pkgdir"/usr/bin

}

sha512sums="

36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00

272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz

"

mini\_sendmail - accept email on behalf of real sendmail

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```
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
```

```
pkgname=libart-lgpl
```

```
pkgver=2.3.21
```

```
pkgrel=8
```

```
pkgdesc="A library for high-performance 2D graphics"
```

```
url="https://www.levien.com/libart/"
```

```
arch="all"
```

```
options="!check" # No test suite.
```

```
license="LGPL-2.0-or-later"
```

```
subpackages="$pkgname-dev"
```

```
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2"
```

```
"
```

```
builddir="$srcdir"/libart-lgpl-$pkgver
```

```
prepare() {  
  update_config_sub  
  default_prepare  
}
```

```
build() {  
  ./configure \  
  --build=$CBUILD \  
  --host=$CHOST \  
  --prefix=/usr  
  make  
}
```

```
package() {
```

```

make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license-expression
pkgver=30.3.0
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
buildid="$srcdir/${_pkgname}-${pkgver}"

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
3fe4ac8830085fe38d8ee713a332047941b2a7a8ff5f31810b124c5903335a8343a222926aefe00da66a49b4d6f8b934
af3cc350448b075a4ec6aa1fdb51aef
license-expression-30.3.0.tar.gz
"

```

# 1.115 apk-tools 2.14.4-r0

## 1.115.1 Available under license :

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Version 2, June 1991

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## 1.133 spew 1.1.1

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## 1.134 xxhash 2.2.0

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# 1.135 rcrowley-go-metrics 0.0.0-20201227073835-cf1acfcdf475

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# 1.137 pygments 2.18.0

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```
---input---
!%$^*__--__._+++====-crazy-symbol

---tokens---
'!%$^*__--__._+++====-crazy-symbol' Name.Variable
'\n'      Text.Whitespace
'# New ports collection makefile for:  python25\n' Comment

'# Date created:      3 July 2003\n' Comment

'# Whom:              Hye-Shik Chang <perky@FreeBSD.org>\n' Comment

'#\n'      Comment

'# $FreeBSD: ports/lang/python25/Makefile,v 1.145 2007/10/03 23:22:04 edwin Exp $\n' Comment
```



'\n' Text.Whitespace

'PORTNAME' Name.Variable

'=' Operator

'\t' Text.Whitespace

'python25' Text

'\n' Text.Whitespace

'PORTVERSION' Name.Variable

'=' Operator

'\t' Text.Whitespace

'2' Literal.Number

'.5.1' Text

'\n' Text.Whitespace

'CATEGORIES' Name.Variable

'=' Operator

'\t' Text.Whitespace

'lang' Text

' ' Text.Whitespace

'python' Text

' ' Text.Whitespace

'ipv6' Text

'\n' Text.Whitespace

'MASTER\_SITES' Name.Variable

'=' Operator

'\t' Text.Whitespace

'\${' Literal.String.Interpol

'PYTHON\_MASTER\_SITES' Name.Variable

'}'

Literal.String.Interpol

'\n' Text.Whitespace

'MASTER\_SITE\_SUBDIR' Name.Variable

'=' Operator

'\t' Text.Whitespace

'\${' Literal.String.Interpol

'PYTHON\_MASTER\_SITE\_SUBDIR' Name.Variable

'}' Literal.String.Interpol

'\n' Text.Whitespace

'DISTFILES' Name.Variable

'=' Operator

'\t' Text.Whitespace

'\${' Literal.String.Interpol

'PYTHON\_DISTFILE' Name.Variable

'}' Literal.String.Interpol

'\n' Text.Whitespace

'\n' Text.Whitespace

'MAINTAINER' Name.Variable

'=' Operator

'\t' Text.Whitespace

'python@FreeBSD.org' Text

'\n' Text.Whitespace

'COMMENT' Name.Variable

'?=' Operator

'\t' Text.Whitespace

'An' Text

' ' Text.Whitespace

'interpreted' Text

' ' Text.Whitespace

'object-oriented' Text

' ' Text.Whitespace

'programming' Text

' ' Text.Whitespace

'language' Text

'\n'

Text.Whitespace

'\n' Text.Whitespace

'DIST\_SUBDIR' Name.Variable

'=' Operator

'\t' Text.Whitespace

'python' Text

'\n' Text.Whitespace

'WRKSRC' Name.Variable

'=' Operator

'\t\t' Text.Whitespace

'\${' Literal.String.Interpol

'PYTHON\_WRKSRC' Name.Variable

'}' Literal.String.Interpol

'/portbld.static' Text

'\n' Text.Whitespace

'PATCH\_WRKSRC' Name.Variable

'=' Operator

'\t' Text.Whitespace

'\${' Literal.String.Interpol

'PYTHON\_WRKSRC' Name.Variable

'}' Literal.String.Interpol

'\n' Text.Whitespace  
  
 'GNU\_CONFIGURE' Name.Variable  
 '=' Operator  
 '\t' Text.Whitespace  
 'yes' Text  
 '\n' Text.Whitespace  
  
 'CONFIGURE\_TARGET' Name.Variable  
 '=' Operator  
 '\t' Text.Whitespace  
 '--build' Text  
 '=' Operator  
 '\${' Literal.String.Interpol  
 'MACHINE\_ARCH' Name.Variable  
 '}' Literal.String.Interpol  
 '-portbld-freebsd'  
 Text  
 '\${' Literal.String.Interpol  
 'OSREL' Name.Variable  
 '}' Literal.String.Interpol  
 '\n' Text.Whitespace  
  
 'CONFIGURE\_SCRIPT' Name.Variable  
 '=' Operator  
 '\t' Text.Whitespace  
 './configure' Text  
 '' Text.Whitespace  
 '# must be relative\n' Comment.Single  
  
 'CONFIGURE\_ENV' Name.Variable  
 '=' Operator  
 '\t' Text.Whitespace  
 'OPT' Name.Variable  
 '=' Operator  
 "" Literal.String.Double  
 '\${' Literal.String.Interpol  
 'CFLAGS' Name.Variable  
 '}' Literal.String.Interpol  
 "" Literal.String.Double  
 '' Text.Whitespace  
 'SVNVERSION' Name.Variable  
 '=' Operator  
 "echo freebsd" Literal.String.Double  
 '\n' Text.Whitespace  
  
 'MAKE\_ENV' Name.Variable  
 '=' Operator

'\t' Text.Whitespace  
 'VPATH' Name.Variable  
 '=' Operator  
 ''' Literal.String.Double  
 '\${' Literal.String.Interpol  
 'PYTHON\_WRKSRC'  
 Name.Variable  
 '}' Literal.String.Interpol  
 ''' Literal.String.Double  
 '\n' Text.Whitespace

'INSTALLS\_SHLIB' Name.Variable  
 '=' Operator  
 '\t' Text.Whitespace  
 'yes' Text  
 '\n' Text.Whitespace

'INSTALL\_TARGET' Name.Variable  
 '=' Operator  
 '\t' Text.Whitespace  
 'altinstall' Text  
 '\n' Text.Whitespace

'MAN1' Name.Variable  
 '=' Operator  
 '\t\t' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'PYTHON\_VERSION' Name.Variable  
 '}' Literal.String.Interpol  
 '.1' Text  
 '\n' Text.Whitespace

'\n' Text.Whitespace

'USE\_PYTHON' Name.Variable  
 '=' Operator  
 '\t' Text.Whitespace  
 'yes' Text  
 '\n' Text.Whitespace

'PYTHON\_VERSION' Name.Variable  
 '=' Operator  
 '\t' Text.Whitespace  
 'python2.5' Text  
 '\n' Text.Whitespace

'PYTHON\_NO\_DEPENDS' Name.Variable  
 '='

## Operator

'\t' Text.Whitespace  
'yes' Text  
'\n' Text.Whitespace

'\n' Text.Whitespace

'SHARED\_WRKSRC' Name.Variable

'=' Operator  
'\t' Text.Whitespace  
"\${}" Literal.String.Interpol  
'PYTHON\_WRKSRC' Name.Variable  
'}' Literal.String.Interpol  
'/portbld.shared' Text  
'\n' Text.Whitespace

'PLIST' Name.Variable

'=' Operator  
'\t\t' Text.Whitespace  
"\${}" Literal.String.Interpol  
'WRKDIR' Name.Variable  
'}' Literal.String.Interpol  
'/PLIST' Text  
'\n' Text.Whitespace

'PLIST\_TEMPLATE' Name.Variable

'?=' Operator  
"\${}" Literal.String.Interpol  
'PKGDIR' Name.Variable  
'}' Literal.String.Interpol  
'/pkg-plist' Text  
'\n' Text.Whitespace

'PLIST\_SUB' Name.Variable

'=' Operator  
'\t' Text.Whitespace  
'PYVER' Name.Variable  
'=' Operator  
"\${}" Literal.String.Interpol  
'PYTHON\_VERSION' Name.Variable  
'.'

## Punctuation

'S' Name.Variable  
'/python/' Punctuation  
'}' Literal.String.Interpol  
' ' Text.Whitespace  
'\\n' Literal.String.Escape

'\t' Text.Whitespace  
'PYVER\_WITHPAT' Name.Variable  
'=' Operator  
'\${' Literal.String.Interpol  
'PORTVERSION' Name.Variable  
'.' Punctuation  
'S' Name.Variable  
'./c/c/' Punctuation  
'}' Literal.String.Interpol  
'\n' Text.Whitespace

'DEMODIR' Name.Variable  
'=' Operator  
'\t' Text.Whitespace  
'\${' Literal.String.Interpol  
'PREFIX' Name.Variable  
'}' Literal.String.Interpol  
'/share/examples/' Text  
'\${' Literal.String.Interpol  
'PYTHON\_VERSION' Name.Variable  
'}' Literal.String.Interpol  
'\n' Text.Whitespace

'TOOLS DIR' Name.Variable  
'=' Operator  
'\t' Text.Whitespace  
'\${' Literal.String.Interpol  
'PREFIX' Name.Variable  
'}'  
Literal.String.Interpol  
'/share/' Text  
'\${' Literal.String.Interpol  
'PYTHON\_VERSION' Name.Variable  
'}' Literal.String.Interpol  
'\n' Text.Whitespace

'\n' Text.Whitespace

'BIN\_SCRIPTS' Name.Variable  
'=' Operator  
'\t' Text.Whitespace  
'idle' Text  
' ' Text.Whitespace  
'pydoc' Text  
' ' Text.Whitespace  
'python' Text  
' ' Text.Whitespace  
'python-shared' Text

```

''      Text.Whitespace
'smtpd.py' Text
''      Text.Whitespace
'python-config' Text
''      Text.Whitespace
'\\n'   Literal.String.Escape

'\t\t' Text.Whitespace
'python-shared-config' Text
'\n'   Text.Whitespace

'BINLINKS_SUB' Name.Variable
'='    Operator
'\t'   Text.Whitespace
'-e'   Text
''     Text.Whitespace
"s,smtpd,smtpd${PYTHON_VER}," Literal.String.Single
''     Text.Whitespace
'\\n'  Literal.String.Escape

'\t\t' Text.Whitespace
'-e'
Text
''     Text.Whitespace
"s,(idle|pydoc|python-shared|python),\\1${PYTHON_VER}," Literal.String.Single
'\n\n' Text.Whitespace

'OPTIONS' Name.Variable
'='    Operator
'\t'   Text.Whitespace
'THREADS' Text
''     Text.Whitespace
"Enable thread support" Literal.String.Double
''     Text.Whitespace
'on'   Text
''     Text.Whitespace
'\\n'  Literal.String.Escape

'\t\t' Text.Whitespace
'HUGE_STACK_SIZE' Text
''     Text.Whitespace
"Use a larger thread stack" Literal.String.Double
''     Text.Whitespace
'off'  Text
''     Text.Whitespace
'\\n'  Literal.String.Escape

'\t\t' Text.Whitespace

```

```

'UCS4'    Text
''        Text.Whitespace
'''Use UCS4 for unicode support''' Literal.String.Double
''        Text.Whitespace
'on'      Text
''        Text.Whitespace
'\\n'     Literal.String.Escape

'\t\t'    Text.Whitespace
'PYMALLOC'
  Text
''        Text.Whitespace
'''Use python\s internal malloc''' Literal.String.Double
''        Text.Whitespace
'on'      Text
''        Text.Whitespace
'\\n'     Literal.String.Escape

'\t\t'    Text.Whitespace
'IPV6'    Text
''        Text.Whitespace
'''Enable IPv6 support''' Literal.String.Double
''        Text.Whitespace
'on'      Text
''        Text.Whitespace
'\\n'     Literal.String.Escape

'\t\t'    Text.Whitespace
'FPECTL'  Text
''        Text.Whitespace
'''Enable floating point exception handling''' Literal.String.Double
''        Text.Whitespace
'off'     Text
'\n\n'    Text.Whitespace

'.include <bsd.port.pre.mk>\n' Comment.Preproc

'\n'      Text.Whitespace

'.if ${PYTHON_VERSION} == ${PYTHON_DEFAULT_VERSION}\n' Comment.Preproc

'MLINKS'  Name.Variable
'='       Operator
'\t\t'    Text.Whitespace
'${'      Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'}'       Literal.String.Interpol
'.1'

```



```

    Text
' '      Text.Whitespace
'python.1' Text
'\n'    Text.Whitespace

'PLIST_SUB' Name.Variable
'+='     Operator
'\t'    Text.Whitespace
'IF_DEFAULT' Name.Variable
'='     Operator
''''    Literal.String.Double
'\n'    Text.Whitespace

'.else\n'  Comment.Preproc

'PLIST_SUB' Name.Variable
'+='     Operator
'\t'    Text.Whitespace
'IF_DEFAULT' Name.Variable
'='     Operator
'"@comment "' Literal.String.Double
'\n'    Text.Whitespace

'.endif\n' Comment.Preproc

'\n'     Text.Whitespace

'# workaround for a bug in base curses.h.\n' Comment

'CFLAGS'  Name.Variable
'+='     Operator
'\t'     Text.Whitespace
'-D__wchar_t' Text
'='      Operator
'wchar_t' Text
'\n'    Text.Whitespace

'\n'     Text.Whitespace

'.if !defined(WITHOUT_THREADS)\n' Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'+='     Operator
'\t'     Text.Whitespace
'--with-threads'
Text
'\n'    Text.Whitespace

```

```

'CFLAGS' Name.Variable
'+=' Operator
'\t\t' Text.Whitespace
'${' Literal.String.Interpol
'PTHREAD_CFLAGS' Name.Variable
'}' Literal.String.Interpol
'\n' Text.Whitespace

'.if defined(WITHOUT_HUGE_STACK_SIZE)\n' Comment.Preproc

'CFLAGS' Name.Variable
'+=' Operator
'\t\t' Text.Whitespace
'-DTHREAD_STACK_SIZE' Text
'=' Operator
'0x20000' Text
'\n' Text.Whitespace

'.else\n' Comment.Preproc

'CFLAGS' Name.Variable
'+=' Operator
'\t\t' Text.Whitespace
'-DTHREAD_STACK_SIZE' Text
'=' Operator
'0x100000' Text
'\n' Text.Whitespace

'.endif # defined(WITHOUT_HUGE_STACK_SIZE)\n' Comment.Preproc

'CONFIGURE_ENV' Name.Variable
'+=' Operator
'\t\t' Text.Whitespace
'LDFLAGS' Name.Variable
'=' Operator
'"' Literal.String.Double
'${' Literal.String.Interpol
'PTHREAD_LIBS'
Name.Variable
'}' Literal.String.Interpol
'"' Literal.String.Double
'${' Literal.String.Interpol
'LDFLAGS' Name.Variable
'}' Literal.String.Interpol
'"' Literal.String.Double
'\n' Text.Whitespace

'.else\n' Comment.Preproc

```

```

'CONFIGURE_ARGS' Name.Variable
'+='      Operator
'\t'      Text.Whitespace
'--without-threads' Text
'\n'      Text.Whitespace

'.if defined(LDFLAGS)\n' Comment.Preproc

'CONFIGURE_ENV' Name.Variable
'+='      Operator
'\t\t'    Text.Whitespace
'LDFLAGS' Name.Variable
'='       Operator
'"'"'     Literal.String.Double
'${'      Literal.String.Interpol
'LDFLAGS' Name.Variable
'}'       Literal.String.Interpol
'"'"'     Literal.String.Double
'\n'      Text.Whitespace

'.endif # defined(LDFLAGS)\n' Comment.Preproc

'.endif # !defined(WITHOUT_THREADS)\n' Comment.Preproc

'\n'      Text.Whitespace

'.if !defined(WITHOUT_UCS4) && !defined(WITH_UCS2)\n'
Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'+='      Operator
'\t'      Text.Whitespace
'--enable-unicode' Text
'='       Operator
'ucs4'    Text
'\n'      Text.Whitespace

'.endif\n' Comment.Preproc

'\n'      Text.Whitespace

'.if defined(WITHOUT_PYMALLOC)\n' Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'+='      Operator
'      ' Text.Whitespace
'--without-pymalloc' Text

```

```

'\n'      Text.Whitespace

'.endif\n' Comment.Preproc

'\n'      Text.Whitespace

'.if ${ARCH} == i386\n' Comment.Preproc

'PLIST_SUB' Name.Variable
'+='      Operator
'\t'      Text.Whitespace
'X86_ONLY' Name.Variable
'='       Operator
''''      Literal.String.Double
'\n'      Text.Whitespace

'.else\n'  Comment.Preproc

'PLIST_SUB' Name.Variable
'+='      Operator
'\t'      Text.Whitespace
'X86_ONLY' Name.Variable
'='       Operator
''@comment '' Literal.String.Double
'\n'      Text.Whitespace

'.endif\n'
      Comment.Preproc

'.if ${ARCH} == amd64 || ${ARCH} == ia64 || ${ARCH} == sparc64 || ${ARCH} == alpha\n' Comment.Preproc

'PLIST_SUB' Name.Variable
'+='      Operator
' '       Text.Whitespace
'32BIT_ONLY' Name.Variable
'='       Operator
''@comment '' Literal.String.Double
'\n'      Text.Whitespace

'.else\n'  Comment.Preproc

'PLIST_SUB' Name.Variable
'+='      Operator
' '       Text.Whitespace
'32BIT_ONLY' Name.Variable
'='       Operator
''''      Literal.String.Double
'\n'      Text.Whitespace

```

```

'.endif\n' Comment.Preproc

'.if ${ARCH} == sparc64\n' Comment.Preproc

'CFLAGS' Name.Variable
'+=' Operator
' ' Text.Whitespace
'-DPYTHON_DEFAULT_RECURSION_LIMIT' Text
'=' Operator
'900' Literal.Number
'\n' Text.Whitespace

'.endif\n' Comment.Preproc

'\n' Text.Whitespace

'.if !exists(/usr/bin/ypcat) # the world with NO_NIS\n' Comment.Preproc

'PLIST_SUB' Name.Variable
'+='
Operator
'\t' Text.Whitespace
'NO_NIS' Name.Variable
'=' Operator
'"@comment "' Literal.String.Double
'\n' Text.Whitespace

'.else\n' Comment.Preproc

'PLIST_SUB' Name.Variable
'+=' Operator
'\t' Text.Whitespace
'NO_NIS' Name.Variable
'=' Operator
'"'"' Literal.String.Double
'\n' Text.Whitespace

'.endif\n' Comment.Preproc

'\n' Text.Whitespace

'.if !defined(WITHOUT_IPV6)\n' Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'+=' Operator
' ' Text.Whitespace
'--enable-ipv6' Text

```

```

'\n'      Text.Whitespace

'.else\n'  Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'+='      Operator
''       Text.Whitespace
'--disable-ipv6' Text
'\n'     Text.Whitespace

'.endif\n' Comment.Preproc

'\n'     Text.Whitespace

'.if defined(WITH_FPECTL)\n' Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'+='      Operator
''       Text.Whitespace
'--with-fpectl'
Text
'\n'     Text.Whitespace

'.endif\n' Comment.Preproc

'\n'     Text.Whitespace

'.if ${OSVERSION} >= 700000\n' Comment.Preproc

'PLATFORMS' Name.Variable
'='       Operator
'plat-freebsd4' Text
''       Text.Whitespace
'plat-freebsd5' Text
''       Text.Whitespace
'plat-freebsd6' Text
'\n'     Text.Whitespace

'.elif ${OSVERSION} >= 600000\n' Comment.Preproc

'PLATFORMS' Name.Variable
'='       Operator
'plat-freebsd4' Text
''       Text.Whitespace
'plat-freebsd5' Text
''       Text.Whitespace
'plat-freebsd7' Text
'\n'     Text.Whitespace

```

```

'.else\n'    Comment.Preproc

'PLATFORMS' Name.Variable
'='         Operator
'plat-freebsd4' Text
''         Text.Whitespace
'plat-freebsd6' Text
''         Text.Whitespace
'plat-freebsd7' Text
'\n'       Text.Whitespace

'.endif\n'  Comment.Preproc

'\n'       Text.Whitespace

'pre-patch' Name.Function
':'        Operator
'\n'       Text.Whitespace

'\t'
    Text.Whitespace
'${'       Literal.String.Interpol
'MKDIR'    Name.Variable
'}'        Literal.String.Interpol
''         Text.Whitespace
'${'       Literal.String.Interpol
'WRKSRC'   Name.Variable
'}'        Literal.String.Interpol
''         Text.Whitespace
'${'       Literal.String.Interpol
'SHARED_WRKSRC' Name.Variable
'}'        Literal.String.Interpol
'/Modules' Text
'\n\t'     Text.Whitespace
'${'       Literal.String.Interpol
'SED'      Name.Variable
'}'        Literal.String.Interpol
''         Text.Whitespace
'-e'       Text
''         Text.Whitespace
'"!s,^.*$$#!${PREFIX}/bin/${PYTHON_VERSION},"' Literal.String.Single
''         Text.Whitespace
'\\n'      Literal.String.Escape

'\t\t'     Text.Whitespace
'${'       Literal.String.Interpol
'PATCH_WRKSRC' Name.Variable

```

```

'}'      Literal.String.Interpol
'/Tools/scripts/pydoc' Text
''       Text.Whitespace
'>'     Text
''
    Text.Whitespace
'${'    Literal.String.Interpol
'WRKDIR' Name.Variable
'}'     Literal.String.Interpol
'/pydoc2.5' Text
'\n\t'  Text.Whitespace
'${'    Literal.String.Interpol
'SED'   Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'-e'    Text
''      Text.Whitespace
'"!s,^.*$$,!${PREFIX}/bin/${PYTHON_VERSION},'" Literal.String.Single
''      Text.Whitespace
'\\n'   Literal.String.Escape

\t\t'  Text.Whitespace
'${'    Literal.String.Interpol
'PATCH_WRKSRC' Name.Variable
'}'     Literal.String.Interpol
'/Tools/scripts/idle' Text
''      Text.Whitespace
'>'     Text
''      Text.Whitespace
'${'    Literal.String.Interpol
'WRKDIR' Name.Variable
'}'     Literal.String.Interpol
'/idle2.5' Text
'\n\t'  Text.Whitespace
'${'    Literal.String.Interpol
'SED'   Name.Variable
'}'     Literal.String.Interpol
''
    Text.Whitespace
'-e'    Text
''      Text.Whitespace
'"!s,^.*$$,!${PREFIX}/bin/${PYTHON_VERSION},'" Literal.String.Single
''      Text.Whitespace
'\\n'   Literal.String.Escape

\t\t'  Text.Whitespace
'${'    Literal.String.Interpol
'PATCH_WRKSRC' Name.Variable

```



```

'}'      Literal.String.Interpol
'/Lib/smtpd.py' Text
''       Text.Whitespace
'>'     Text
''       Text.Whitespace
'${}'    Literal.String.Interpol
'WRKDIR' Name.Variable
'}'     Literal.String.Interpol
'/smtpd2.5.py' Text
'\n\t'  Text.Whitespace
'${}'    Literal.String.Interpol
'REINPLACE_CMD' Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'-e'    Text
''      Text.Whitespace
'\\n'   Literal.String.Escape

\t\t'   Text.Whitespace
"s,/usr/doc/python-docs-,$${PREFIX}/share/doc/python,g" Literal.String.Single
''      Text.Whitespace
'\\n'   Literal.String.Escape

\t\t'
Text.Whitespace
'${}'    Literal.String.Interpol
'PATCH_WRKSRC' Name.Variable
'}'     Literal.String.Interpol
'/Lib/pydoc.py' Text
'\n\t'  Text.Whitespace
'${}'    Literal.String.Interpol
'REINPLACE_CMD' Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'-e'    Text
''      Text.Whitespace
'\\n'   Literal.String.Escape

\t\t'   Text.Whitespace
'\s/^\(\ *prefixes = .*\\)\}$\|1, "${X11BASE}"|g" Literal.String.Single
''      Text.Whitespace
'\\n'   Literal.String.Escape

\t\t'   Text.Whitespace
'${}'    Literal.String.Interpol
'PATCH_WRKSRC' Name.Variable
'}'     Literal.String.Interpol
'/Lib/site.py' Text

```

```

'\n\t' Text.Whitespace
'${' Literal.String.Interpol
'REINPLACE_CMD' Name.Variable
'}' Literal.String.Interpol
'' Text.Whitespace
'-e' Text
'' Text.Whitespace
'\\n' Literal.String.Escape

'\t\t'
Text.Whitespace
"'s^\t\t(\.ASDLGEN.*\)\$\$\t\${TRUE}|g'" Literal.String.Single
'' Text.Whitespace
'\\n' Literal.String.Escape

'\t\t' Text.Whitespace
'${' Literal.String.Interpol
'PATCH_WKRSRC' Name.Variable
'}' Literal.String.Interpol
'/Makefile.pre.in' Text
'\n\n\t' Text.Whitespace
'${' Literal.String.Interpol
'REINPLACE_CMD' Name.Variable
'}' Literal.String.Interpol
'' Text.Whitespace
'-e' Text
'' Text.Whitespace
'\\n' Literal.String.Escape

'\t\t' Text.Whitespace
"'s*\t\t(\.INSTALL_SCRIPT.*\)\python-config\$\$\#port \\\1'" Literal.String.Single
'' Text.Whitespace
'\\n' Literal.String.Escape

'\t\t' Text.Whitespace
'${' Literal.String.Interpol
'PATCH_WKRSRC' Name.Variable
'}' Literal.String.Interpol
'/Makefile.pre.in' Text
'\n\n\t' Text.Whitespace
'${' Literal.String.Interpol
'SED' Name.Variable
}'
Literal.String.Interpol
'' Text.Whitespace
'-e' Text
'' Text.Whitespace
"'s^#\!.*#\!$\{PREFIX}/bin/${PYTHON_VERSION}|'" Literal.String.Single

```

```

''      Text.Whitespace
'\\n'   Literal.String.Escape

'\t'    Text.Whitespace
'${'    Literal.String.Interpol
'PATCH_WKRSRC' Name.Variable
'}'     Literal.String.Interpol
'/Misc/python-config.in' Text
''      Text.Whitespace
'>'     Text
''      Text.Whitespace
'${'    Literal.String.Interpol
'WRKDIR' Name.Variable
'}'     Literal.String.Interpol
'/'     Text
'${'    Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'}'     Literal.String.Interpol
'-config' Text
'\n\t'  Text.Whitespace
'${'    Literal.String.Interpol
'SED'   Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'-e'    Text
''      Text.Whitespace
"'s|^#!.*#!${PREFIX}/bin/${PYTHON_VERSION:S/thon/thon-shared/}|"
Literal.String.Single
''      Text.Whitespace
'\\n'   Literal.String.Escape

'\t'    Text.Whitespace
'${'    Literal.String.Interpol
'PATCH_WKRSRC' Name.Variable
'}'     Literal.String.Interpol
'/Misc/python-config.in' Text
''      Text.Whitespace
'>'     Text
''      Text.Whitespace
'${'    Literal.String.Interpol
'WRKDIR' Name.Variable
'}'     Literal.String.Interpol
'/'     Text
'${'    Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
':'     Punctuation
'S'     Name.Variable
'/thon/thon-shared/' Punctuation

```

```

'}'      Literal.String.Interpol
'-config' Text
'\n\n'   Text.Whitespace

'.if defined(WITH_FPECTL) && ${ARCH} == i386\n' Comment.Preproc

\t'      Text.Whitespace
'${'     Literal.String.Interpol
'MKDIR'  Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'${'     Literal.String.Interpol
'WRKSRC' Name.Variable
'}'

      Literal.String.Interpol
'/Modules' Text
'\n\t'   Text.Whitespace
'${'     Literal.String.Interpol
'ECHO'   Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'"fpectl fpectlmodule.c"' Literal.String.Double
''       Text.Whitespace
'>>'    Text
''       Text.Whitespace
'${'     Literal.String.Interpol
'WRKSRC' Name.Variable
'}'      Literal.String.Interpol
'/Modules/Setup.dist' Text
'\n'     Text.Whitespace

'.endif\n' Comment.Preproc

\n'     Text.Whitespace

'post-configure' Name.Function
':'      Operator
'\n'     Text.Whitespace

\t'      Text.Whitespace
'${'     Literal.String.Interpol
'TAR'    Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'-C'     Text
''       Text.Whitespace
'${'     Literal.String.Interpol
'WRKSRC' Name.Variable

```

```

'}'    Literal.String.Interpol
''     Text.Whitespace
'-cf'
    Text
''     Text.Whitespace
'-'    Text
''     Text.Whitespace
'.'    Text
''     Text.Whitespace
'|'    Punctuation
''     Text.Whitespace
'${'   Literal.String.Interpol
'TAR'  Name.Variable
'}'    Literal.String.Interpol
''     Text.Whitespace
'-C'   Text
''     Text.Whitespace
'${'   Literal.String.Interpol
'SHARED_WRKSRC' Name.Variable
'}'    Literal.String.Interpol
''     Text.Whitespace
'-xf'  Text
''     Text.Whitespace
'-'    Text
'\n\t' Text.Whitespace
'${'   Literal.String.Interpol
'LN'   Name.Variable
'}'    Literal.String.Interpol
''     Text.Whitespace
'-sf'  Text
''     Text.Whitespace
'${'   Literal.String.Interpol
'PYTHON_WRKSRC' Name.Variable
'}'    Literal.String.Interpol
'/Lib' Text
''     Text.Whitespace
'${'   Literal.String.Interpol
'WRKSRC'
    Name.Variable
'}'    Literal.String.Interpol
'/Lib' Text
'\n\t' Text.Whitespace
'${'   Literal.String.Interpol
'SED'  Name.Variable
'}'    Literal.String.Interpol
''     Text.Whitespace
'-e'   Text
''     Text.Whitespace

```

```

"s,^\\(LDLIBRARY=\\).*$$,\\1libpython$(VERSION).so," Literal.String.Single
' ' Text.Whitespace
'\\n' Literal.String.Escape

't't' Text.Whitespace
'-e' Text
' ' Text.Whitespace
"s,^\\(BLDLIBRARY=\\).*$$,\\1-L. -lpython$(VERSION)," Literal.String.Single
' ' Text.Whitespace
'\\n' Literal.String.Escape

't't' Text.Whitespace
'-e' Text
' ' Text.Whitespace
"s,^\\(CFLAGSFORSHARED=\\).*$$,\\1$(CCSHARED)," Literal.String.Single
' ' Text.Whitespace
'\\n' Literal.String.Escape

't't' Text.Whitespace
'-e' Text
' ' Text.Whitespace
"s,^\\(Makefile Modules/config.c:.*\\)Makefile.pre,\\1,"
Literal.String.Single
' ' Text.Whitespace
'\\n' Literal.String.Escape

't't' Text.Whitespace
'-e' Text
' ' Text.Whitespace
"s,^\\((BUILDPYTHON):.*\\).(LIBRARY),\\1," Literal.String.Single
' ' Text.Whitespace
'\\n' Literal.String.Escape

't't' Text.Whitespace
'-e' Text
' ' Text.Whitespace
"s,^\\((BUILDPYTHON):.*\\).(LIBRARY),\\1," Literal.String.Single
' ' Text.Whitespace
'\\n' Literal.String.Escape

't't' Text.Whitespace
'${' Literal.String.Interpol
'WRKSRC' Name.Variable
'}' Literal.String.Interpol
'/Makefile' Text
' ' Text.Whitespace
'>' Text
' ' Text.Whitespace

```

'\${'     Literal.String.Interpol  
'SHARED\_WRKSRC' Name.Variable  
'}'     Literal.String.Interpol  
'/Makefile' Text  
'\n\n'    Text.Whitespace

'pre-build' Name.Function  
'.'     Operator  
'\n'  
      Text.Whitespace

'\t'     Text.Whitespace  
'cd'    Name.Builtin  
' '     Text.Whitespace  
'\${'     Literal.String.Interpol  
'SHARED\_WRKSRC' Name.Variable  
'}'     Literal.String.Interpol  
';'     Punctuation  
' '     Text.Whitespace  
'\\n'    Literal.String.Escape

'\t'     Text.Whitespace  
'\${'     Literal.String.Interpol  
'SETENV' Name.Variable  
'}'     Literal.String.Interpol  
' '     Text.Whitespace  
'\${'     Literal.String.Interpol  
'MAKE\_ENV' Name.Variable  
'}'     Literal.String.Interpol  
' '     Text.Whitespace  
'\${'     Literal.String.Interpol  
'MAKE'   Name.Variable  
'}'     Literal.String.Interpol  
' '     Text.Whitespace  
'lib'    Text  
'\${'     Literal.String.Interpol  
'PYTHON\_VERSION' Name.Variable  
'}'     Literal.String.Interpol  
'so'    Text  
' '     Text.Whitespace  
'python' Text  
';'     Punctuation  
' '     Text.Whitespace  
'\\n'  
      Literal.String.Escape

'\t'     Text.Whitespace  
'\${'     Literal.String.Interpol

'LN' Name.Variable  
 '}' Literal.String.Interpol  
 '' Text.Whitespace  
 '-f' Text  
 '' Text.Whitespace  
 'lib' Text  
 '\${' Literal.String.Interpol  
 'PYTHON\_VERSION' Name.Variable  
 '}' Literal.String.Interpol  
 '.so' Text  
 '' Text.Whitespace  
 'lib' Text  
 '\${' Literal.String.Interpol  
 'PYTHON\_VERSION' Name.Variable  
 '}' Literal.String.Interpol  
 '.so.1' Text  
 ';' Punctuation  
 '' Text.Whitespace  
 '\\n' Literal.String.Escape  
  
 '\t' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'LN' Name.Variable  
 '}' Literal.String.Interpol  
 '' Text.Whitespace  
 '-f' Text  
 '' Text.Whitespace  
 'python' Text  
 '' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'PYTHON\_VERSION' Name.Variable  
 ':'  
 Punctuation  
 'S' Name.Variable  
 '/thon/thon-shared/' Punctuation  
 '}' Literal.String.Interpol  
 '\\n\\n' Text.Whitespace  
  
 'pre-su-install' Name.Function  
 ':' Operator  
 '\\n' Text.Whitespace  
  
 '.for platform in \${PLATFORMS}\\n' Comment.Preproc  
  
 '\t' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'MKDIR' Name.Variable  
 '}' Literal.String.Interpol



```
' ' Text.Whitespace
'${' Literal.String.Interpol
'PYTHONPREFIX_LIBDIR' Name.Variable
'}' Literal.String.Interpol
 '/' Text
'${' Literal.String.Interpol
'platform' Name.Variable
'}' Literal.String.Interpol
'\n' Text.Whitespace
```

```
'.for file in IN.py regen\n' Comment.Preproc
```

```
'\t' Text.Whitespace
'${' Literal.String.Interpol
'INSTALL_DATA' Name.Variable
'}' Literal.String.Interpol
' ' Text.Whitespace
'${' Literal.String.Interpol
'WRKSRC' Name.Variable
'}'
```

```
Literal.String.Interpol
'/Lib/' Text
'${' Literal.String.Interpol
'platform' Name.Variable
'}' Literal.String.Interpol
 '/' Text
'${' Literal.String.Interpol
'file' Name.Variable
'}' Literal.String.Interpol
' ' Text.Whitespace
'\\n' Literal.String.Escape
```

```
'\t\t' Text.Whitespace
'${' Literal.String.Interpol
'PYTHONPREFIX_LIBDIR' Name.Variable
'}' Literal.String.Interpol
 '/' Text
'${' Literal.String.Interpol
'platform' Name.Variable
'}' Literal.String.Interpol
 '/' Text
'\n' Text.Whitespace
```

```
'.endfor\n' Comment.Preproc
```

```
'.endfor\n' Comment.Preproc
```

```
'\n' Text.Whitespace
```

```
'pre-install' Name.Function
':'      Operator
'\n'     Text.Whitespace

'\t'     Text.Whitespace
'${'     Literal.String.Interpol
'CAT'    Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'${'
    Literal.String.Interpol
'PLIST_TEMPLATE' Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'|'      Punctuation
''       Text.Whitespace
'${'     Literal.String.Interpol
'AWK'    Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'\{ print $$0; } \\n\t/LIBDIR.*\\.py$$/ && !\\/bad/ { print $$0 "o"; print $$0 "c"; }\' Literal.String.Single
'\t'     Text.Whitespace
'>'     Text
''       Text.Whitespace
'${'     Literal.String.Interpol
'PLIST'  Name.Variable
'}'      Literal.String.Interpol
'\n\n'   Text.Whitespace
```

```
"\t@# if openssl 0.9.8 is detected, _sha{256,512} module won't be installed\n" Comment
```

```
'\t'     Text.Whitespace
'('      Operator
 '['     Operator
 ''      Text.Whitespace
 '-f'    Text
 ''      Text.Whitespace
'${'     Literal.String.Interpol
'WRKSRC' Name.Variable
'}'      Literal.String.Interpol
'/.without_own_sha'
Text
''       Text.Whitespace
']'      Operator
''       Text.Whitespace
'&&'    Operator
''       Text.Whitespace
```

```

'\\n'    Literal.String.Escape

'\t\t'   Text.Whitespace
'${'     Literal.String.Interpol
'GREP'   Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'-v'     Text
''       Text.Whitespace
"lib-dynload/_sha" Literal.String.Single
''       Text.Whitespace
'${'     Literal.String.Interpol
'PLIST'  Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'>'     Text
''       Text.Whitespace
'${'     Literal.String.Interpol
'PLIST'  Name.Variable
'}'      Literal.String.Interpol
'.tmp'   Text
''       Text.Whitespace
'&&'    Operator
''       Text.Whitespace
'\\n'    Literal.String.Escape

'\t\t'   Text.Whitespace
'${'     Literal.String.Interpol
'CAT'    Name.Variable
'}'      Literal.String.Interpol
''       Text.Whitespace
'${'     Literal.String.Interpol
'PLIST'  Name.Variable
'}'      Literal.String.Interpol
'.tmp'   Text
''       Text.Whitespace
'>'     Text
''       Text.Whitespace
'${'     Literal.String.Interpol
'PLIST'  Name.Variable
'}'      Literal.String.Interpol
')'      Operator
''       Text.Whitespace
'||'     Operator
''       Text.Whitespace
'${'     Literal.String.Interpol
'TRUE'   Name.Variable

```

```

'}'      Literal.String.Interpol
'\n\n'   Text.Whitespace

'post-install' Name.Function
':'      Operator
'\n'     Text.Whitespace

'\t@# install config providers\n' Comment

'\t'     Text.Whitespace
'${'    Literal.String.Interpol
'INSTALL_SCRIPT' Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'${'    Literal.String.Interpol
'WRKDIR'  Name.Variable
'}'     Literal.String.Interpol
'/'     Text

      Text
'${'    Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'}'     Literal.String.Interpol
'-config' Text
''      Text.Whitespace
'${'    Literal.String.Interpol
'PREFIX'  Name.Variable
'}'     Literal.String.Interpol
'/bin'   Text
'\n\t'   Text.Whitespace
'${'    Literal.String.Interpol
'INSTALL_SCRIPT' Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'${'    Literal.String.Interpol
'WRKDIR'  Name.Variable
'}'     Literal.String.Interpol
'/'     Text
'${'    Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
':'     Punctuation
'S'     Name.Variable
'/thon/thon-shared/' Punctuation
'}'     Literal.String.Interpol
'-config' Text
''      Text.Whitespace
'${'    Literal.String.Interpol
'PREFIX'  Name.Variable
'}'     Literal.String.Interpol

```

'/bin' Text  
'\n\n' Text.Whitespace  
  
'\t@#  
shared version of executable and library\n' Comment  
  
'\t' Text.Whitespace  
'\${' Literal.String.Interpol  
'INSTALL\_PROGRAM' Name.Variable  
'}' Literal.String.Interpol  
'' Text.Whitespace  
'\${' Literal.String.Interpol  
'SHARED\_WKSRC' Name.Variable  
'}' Literal.String.Interpol  
'/lib' Text  
'\${' Literal.String.Interpol  
'PYTHON\_VERSION' Name.Variable  
'}' Literal.String.Interpol  
'.so.1' Text  
'' Text.Whitespace  
'\\n' Literal.String.Escape  
  
'\t\t' Text.Whitespace  
'\${' Literal.String.Interpol  
'PREFIX' Name.Variable  
'}' Literal.String.Interpol  
'/lib' Text  
'\n\t' Text.Whitespace  
'cd' Name.Builtin  
'' Text.Whitespace  
'\${' Literal.String.Interpol  
'PREFIX' Name.Variable  
'}' Literal.String.Interpol  
'/lib' Text  
';' Punctuation  
'' Text.Whitespace  
'\${' Literal.String.Interpol  
'LN'  
Name.Variable  
'}' Literal.String.Interpol  
'' Text.Whitespace  
'-sf' Text  
'' Text.Whitespace  
'lib' Text  
'\${' Literal.String.Interpol  
'PYTHON\_VERSION' Name.Variable  
'}' Literal.String.Interpol  
'.so.1' Text

```

''      Text.Whitespace
'\\n'   Literal.String.Escape

'\t'    Text.Whitespace
'lib'   Text
'${'    Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'}'     Literal.String.Interpol
'.so'   Text
'\n\t'  Text.Whitespace
'${'    Literal.String.Interpol
'LN'    Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'-sf'   Text
''      Text.Whitespace
'${'    Literal.String.Interpol
'PREFIX' Name.Variable
'}'     Literal.String.Interpol
'/lib/lib' Text
'${'    Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'}'     Literal.String.Interpol
'.so'   Text
''

    Text.Whitespace
'${'    Literal.String.Interpol
'PYTHONPREFIX_LIBDIR' Name.Variable
'}'     Literal.String.Interpol
'/config' Text
'\n\t'  Text.Whitespace
'${'    Literal.String.Interpol
'INSTALL_PROGRAM' Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'\\n'   Literal.String.Escape

'\t'    Text.Whitespace
'${'    Literal.String.Interpol
'SHARED_WKSR' Name.Variable
'}'     Literal.String.Interpol
'/'     Text
'${'    Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
':'     Punctuation
'S'     Name.Variable
'/thon/thon-shared/' Punctuation
'}'     Literal.String.Interpol

```

' ' Text.Whitespace  
 '\\n' Literal.String.Escape  
  
 '\t' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'PREFIX' Name.Variable  
 '}' Literal.String.Interpol  
 '/bin' Text  
 '\n\n' Text.Whitespace

'\t@# additional files installing by ports\n'  
 Comment

'\t' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'INSTALL\_SCRIPT' Name.Variable  
 '}' Literal.String.Interpol  
 ' ' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'WRKDIR' Name.Variable  
 '}' Literal.String.Interpol  
 '/pydoc2.5' Text  
 ' ' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'WRKDIR' Name.Variable  
 '}' Literal.String.Interpol  
 '/idle2.5' Text  
 ' ' Text.Whitespace  
 '\\n' Literal.String.Escape

'\t\t' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'WRKDIR' Name.Variable  
 '}' Literal.String.Interpol  
 '/smtpd2.5.py' Text  
 ' ' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'PREFIX' Name.Variable  
 '}' Literal.String.Interpol  
 '/bin' Text  
 '\n\t' Text.Whitespace  
 '@' Text  
 '\${' Literal.String.Interpol  
 'MKDIR' Name.Variable  
 '}' Literal.String.Interpol  
 ' ' Text.Whitespace  
 '\${'

```

    Literal.String.Interpol
'MANPREFIX' Name.Variable
'}'    Literal.String.Interpol
'/man/man1' Text
'\n\t' Text.Whitespace
'${'   Literal.String.Interpol
'INSTALL_MAN' Name.Variable
'}'    Literal.String.Interpol
''     Text.Whitespace
'${'   Literal.String.Interpol
'PYTHON_WRKSRC' Name.Variable
'}'    Literal.String.Interpol
'/Misc/python.man' Text
''     Text.Whitespace
'\\n'  Literal.String.Escape

\t\t'  Text.Whitespace
'${'   Literal.String.Interpol
'MANPREFIX' Name.Variable
'}'    Literal.String.Interpol
'/man/man1/' Text
'${'   Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'}'    Literal.String.Interpol
'.1'   Text
'\n\n' Text.Whitespace

'.if ${PYTHON_VERSION} == ${PYTHON_DEFAULT_VERSION}\n' Comment.Preproc

\t'    Text.Whitespace
'for'  Keyword
''     Text.Whitespace
'f'    Text
''     Text.Whitespace
'in'

    Keyword
''     Text.Whitespace
'${'   Literal.String.Interpol
'BIN_SCRIPTS' Name.Variable
'}'    Literal.String.Interpol
';'    Punctuation
''     Text.Whitespace
'do'   Keyword
''     Text.Whitespace
'\\n'  Literal.String.Escape

\t\t'  Text.Whitespace
'TARGET' Name.Variable

```



'=' Operator  
 '~' Literal.String.Backtick  
 '\${' Literal.String.Interpol  
 'ECHO\_CMD' Name.Variable  
 '}' Literal.String.Interpol  
 '' Text.Whitespace  
 '\$\$' Name.Variable  
 'f' Text  
 '' Text.Whitespace  
 '|' Punctuation  
 '' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'SED' Name.Variable  
 '}' Literal.String.Interpol  
 '' Text.Whitespace  
 '-E' Text  
 '' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'BINLINKS\_SUB' Name.Variable  
 '}' Literal.String.Interpol  
 '~' Literal.String.Backtick  
 ';' Punctuation  
 '' Text.Whitespace  
 '\\n' Literal.String.Escape  
  
 '\\t' Text.Whitespace  
 'cd' Name.Builtin  
 '' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'PREFIX' Name.Variable  
 '}' Literal.String.Interpol  
 '/bin' Text  
 '' Text.Whitespace  
 '&&' Operator  
 '' Text.Whitespace  
 '\${' Literal.String.Interpol  
 'LN' Name.Variable  
 '}' Literal.String.Interpol  
 '' Text.Whitespace  
 '-f' Text  
 '' Text.Whitespace  
 '\$\$' Name.Variable  
 'TARGET' Text  
 '' Text.Whitespace  
 '\$\$' Name.Variable  
 'f' Text  
 ';' Punctuation

```

''      Text.Whitespace
'\\n'   Literal.String.Escape

't'     Text.Whitespace
'done'  Keyword
'n'     Text.Whitespace

'.endif\n' Comment.Preproc

'n'     Text.Whitespace

'.if !defined(NOPORTDOCS)\n' Comment.Preproc

't'
    Text.Whitespace
'@'     Text
'${'    Literal.String.Interpol
'MKDIR' Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'${'    Literal.String.Interpol
'TOOLSDIR' Name.Variable
'}'     Literal.String.Interpol
'\n\t'  Text.Whitespace
'@cd'   Text
''      Text.Whitespace
'${'    Literal.String.Interpol
'PYTHON_WKSRRC' Name.Variable
'}'     Literal.String.Interpol
';'     Punctuation
''      Text.Whitespace
'${'    Literal.String.Interpol
'TAR'   Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'-cf'   Text
''      Text.Whitespace
'-'     Text
''      Text.Whitespace
'Tools' Text
''      Text.Whitespace
'|'     Punctuation
''      Text.Whitespace
'\\n'   Literal.String.Escape

'\t\t'  Text.Whitespace
'('     Operator
'cd'   Name.Builtin

```

```

''      Text.Whitespace
'${'
      Literal.String.Interpol
'TOOLSDIR' Name.Variable
'}'     Literal.String.Interpol
';'     Punctuation
''      Text.Whitespace
'${'    Literal.String.Interpol
'TAR'   Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'-xf'   Text
''      Text.Whitespace
'-'     Text
')'     Operator
'\n\t'  Text.Whitespace
'@'     Text
'${'    Literal.String.Interpol
'MKDIR' Name.Variable
'}'     Literal.String.Interpol
''      Text.Whitespace
'${'    Literal.String.Interpol
'DEMODIR' Name.Variable
'}'     Literal.String.Interpol
'\n\t'  Text.Whitespace
'@cd'   Text
''      Text.Whitespace
'${'    Literal.String.Interpol
'PYTHON_WRKSRC' Name.Variable
'}'     Literal.String.Interpol
'/Demo' Text
';'     Punctuation
''      Text.Whitespace
'${'    Literal.String.Interpol
'TAR'   Name.Variable
'}'
      Literal.String.Interpol
''      Text.Whitespace
'-cf'   Text
''      Text.Whitespace
'-'     Text
''      Text.Whitespace
'*'     Text
''      Text.Whitespace
'|'     Punctuation
''      Text.Whitespace
'\\n'   Literal.String.Escape

```

`\t` Text.Whitespace  
`'` Operator  
`'cd'` Name.Builtin  
`'` Text.Whitespace  
`'${'` Literal.String.Interpol  
`'DEMODIR'` Name.Variable  
`'}'` Literal.String.Interpol  
`;` Punctuation  
`'` Text.Whitespace  
`'${'` Literal.String.Interpol  
`'TAR'` Name.Variable  
`'}'` Literal.String.Interpol  
`'` Text.Whitespace  
`'-xf'` Text  
`'` Text.Whitespace  
`'-` Text  
`')` Operator  
`'\n'` Text.Whitespace

`'.endif\n'` Comment.Preproc

`'\n'` Text.Whitespace  
`'@'` Text  
`'${'` Literal.String.Interpol  
`'CAT'` Name.Variable  
`'}'`  
    Literal.String.Interpol  
`'` Text.Whitespace  
`'${'` Literal.String.Interpol  
`'PKGMESSAGE'` Name.Variable  
`'}'` Literal.String.Interpol  
`'\n\n'` Text.Whitespace

`'.include <bsd.port.post.mk>\n'` Comment.Preproc

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## 1.138 alpine-baselayout 3.6.5-r0

### 1.138.1 Available under license :

```
# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcb12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"
```

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The text rotation code in w\_rottext.c was written by Alan Richardson.  
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Parts Copyright (c) 1994 by Anthony Dekker  
The Kohonen neural network code for color optimization was written by Anthony Dekker.

Parts Copyright (c) 1995 by C. Blanc and C. Schlick  
The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95

<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>

# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>

pkgname=spdx-licenses

pkgver=3.22

pkgrel=1

pkgdesc="Various data formats for the SPDX License List"

url="https://spdx.org/"

arch="noarch"

options="!check" # no test suite

license="CC-BY-3.0"

source="license-list-data-\$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v\$pkgver.tar.gz"

builddir="\$srcdir/license-list-data-\$pkgver"

subpackages="\$pkgname-list"

\_types="html json rdfa rdft rdfturtle rdfxml template text"

for type in \$\_types; do

subpackages="\$subpackages \$pkgname-\$type:\_subpkg"

done

```

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt; do
        local
        license=${i##*/}
        echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db
7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
    # some GNU autoconf options are ignored, but it works
    ./configure \
    --build=$CBUILD \
    --host=$CHOST \
    --prefix=/usr \

```

```

--sysconfdir=/etc \
--mandir=/usr/share/man \
--localstatedir=/var/lib # it really shouldn't be in /var
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
"
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=${pkgver}-r${pkgrel}" # Backwards compatibility

build() {
gpep517 build-wheel \
--wheel-dir .dist \
--output-fd 3 3>&1 >&2
}

package() {
gpep517 install-wheel --destdir "$pkgdir" \
.dist/*.whl
}

sha512sums="

```



```
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

build() {
    cargo auditable build --release --frozen
}

check() {
    cargo test --frozen
}

package() {
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"
# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license-expression
pkgver=30.3.0
pkgrel=1
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
```

```
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"
```

```
build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}
```

```
check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}
```

```
package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}
```

```
sha512sums="
3fe4ac8830085fe38d8ee713a332047941b2a7a8ff5f31810b124c5903335a8343a222926aefe00da66a49b4d6f8b934
af3cc350448b075a4ec6aa1fdb51aef
    license-expression-30.3.0.tar.gz
"
```

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WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
# Automatically generated by apkgbuild-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=9
#_pkgreal is used by apkgbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgreal}-$pkgver"
```

```
build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}
```

```
check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}
```

```
package() {
    make DESTDIR="$pkgdir" install
}
```

```
sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"
```

Vintage Dreams Waves v 2.0. for Creative Labs' AWE Soundcards  
(EMU Soundfont 2 Format)

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Any feedback, contact Ian Wilson.

vintagedreamworks@hotmail.com

<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

# Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-igpl

pkgver=2.3.21

pkgrel=8

pkgdesc="A library for high-performance 2D graphics"

url="https://www.levien.com/libart/"

arch="all"

options="!check" # No test suite.

license="LGPL-2.0-or-later"

subpackages="\$pkgname-dev"

source="https://download.gnome.org/sources/libart\_igpl/2.3/libart\_igpl-\$pkgver.tar.bz2"

"

builddir="\$srcdir"/libart\_igpl-\$pkgver

```
prepare() {
  update_config_sub
  default_prepare
}
```

```
build() {
  ./configure \
  --build=$CBUILD \
  --host=$CHOST \
  --prefix=/usr
  make
}
```

```
package() {
  make DESTDIR="$pkgdir" install
}
```

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001aee9bace727b5b4c8589405256a3c020 libart\_lgpl-2.3.21.tar.bz2"

mini\_sendmail - accept email on behalf of real sendmail

Copyright 1999,2015 by Jef Poskanzer <jef@mail.acme.com>.

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## 1.139 mako 1.3.5

### 1.139.1 Available under license :

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# 1.140 py3-parsing 3.1.2-r1

## 1.140.1 Available under license :

```
# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
  mkdir -p "$pkgdir"
  install -Dm644 -t "$pkgdir"/usr/include/sys \
    cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"
```

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The text rotation code in w\_rottext.c was written by Alan Richardson.

The above copyright notice holds for this work as well.

Parts Copyright (c) 1994 by Anthony Dekker

The Kohonen neural network code for color optimization was written by Anthony Dekker.

Parts Copyright (c) 1995 by C. Blanc and C. Schlick

The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95

<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>

# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>

pkgname=spdx-licenses

pkgver=3.22

pkgrel=1

pkgdesc="Various data formats for the SPDX License List"

url="https://spdx.org/"

arch="noarch"

options="!check" # no test suite

license="CC-BY-3.0"

source="license-list-data-\$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v\$pkgver.tar.gz"

builddir="\$srcdir/license-list-data-\$pkgver"

subpackages="\$pkgname-list"

\_types="html json rdfa rdft rdfturtle rdFXML template text"

for type in \$\_types; do

subpackages="\$subpackages \$pkgname-\$type:\_subpkg"

done

package() {

mkdir -p "\$pkgdir"

}

\_subpkg() {

local type=\${subpkgname/\$pkgname-/}

pkgdesc="\$pkgdesc (\$type)"

```

install_if="$pkgname=$pkgver-r$pkgrel"
mkdir -p "$subpkgdir"/usr/share/spdx
cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
pkgdesc="$pkgdesc (licence list)"
mkdir -p "$subpkgdir"/usr/share/spdx
local i; for i in "$builddir"/text/*.txt; do
local
license=${i##*/}
echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db
7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--localstatedir=/var/lib # it really shouldn't be in /var
make
}

package() {
make DESTDIR="$pkgdir" install
}

```



```

install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
"
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright"          # Backwards compatibility
provides="py-flake8-copyright=${pkgver}-r${pkgrel}" # Backwards compatibility

build() {
  gpep517 build-wheel \
  --wheel-dir .dist \
  --output-fd 3 3>&1 >&2
}

package() {
  gpep517 install-wheel --destdir "$pkgdir" \
  .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
  flake8-copyright-0.2.4.tar.gz
"
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1

```

```

pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

build() {
    cargo auditable build --release --frozen
}

check() {
    cargo test --frozen
}

package() {
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license-expression
pkgver=30.3.0
pkgrel=1
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

build() {
    gpep517 build-wheel \

```

```

--wheel-dir .dist \
--output-fd 3 3>&1 >&2
}

check() {
python3 -m venv --clear --without-pip --system-site-packages .testenv
.testenv/bin/python3 -m installer .dist/*.whl
.testenv/bin/python3 -m pytest
}

package() {
python3 -m installer -d "$pkgdir" \
.dist/*.whl
}

sha512sums="
3fe4ac8830085fe38d8ee713a332047941b2a7a8ff5f31810b124c5903335a8343a222926aefe000da66a49b4d6f8b934
af3cc350448b075a4ec6aa1fdb51aef
license-expression-30.3.0.tar.gz
"
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```

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```

# Automatically generated by apkgbuild-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=9

```

```

#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgreal}-${pkgver}"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

Vintage Dreams Waves v 2.0. for Creative Labs' AWE Soundcards
(EMU Soundfont 2 Format)

```

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[vintagedreamworks@hotmail.com](mailto:vintagedreamworks@hotmail.com)

<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

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# Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-igpl

pkgver=2.3.21

pkgrel=8

pkgdesc="A library for high-performance 2D graphics"

url="https://www.levien.com/libart/"

arch="all"

options="!check" # No test suite.

license="LGPL-2.0-or-later"

subpackages="\$pkgname-dev"

source="https://download.gnome.org/sources/libart\_igpl/2.3/libart\_igpl-\$pkgver.tar.bz2"

"

builddir="\$srcdir"/libart\_igpl-\$pkgver

```

prepare() {
    update_config_sub
    default_prepare
}

build() {
    ./configure \
    --build=$CBUILD \
    --host=$CHOST \
    --prefix=/usr
    make
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"

```

## 1.141 py3-pip 24.0-r2

### 1.141.1 Available under license :

```

# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
    cdefs.h queue.h tree.h
}
sha512sums="

```

37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312  
7006442c3f019b6447a620c0cae73178 cdefs.h  
2f0d5e6e4dc3350285cf17009265dddcbel2431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86  
11ea33987d4faba37dde5ce6da0750 queue.h  
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da  
cef2092881eded0a2e94f6a07752ef3 tree.h  
"

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The text rotation code in w\_rottext.c was written by Alan Richardson.

The above copyright notice holds for this work as well.

Parts Copyright (c) 1994 by Anthony Dekker

The Kohonen neural network code for color optimization was written by Anthony Dekker.

Parts Copyright (c) 1995 by C. Blanc and C. Schlick

The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95  
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>

# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>

pkgname=spdx-licenses

pkgver=3.22

pkgrel=1

pkgdesc="Various data formats for the SPDX License List"

url="https://spdx.org/"

arch="noarch"

options="!check" # no test suite

license="CC-BY-3.0"

source="license-list-data-\$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v\$pkgver.tar.gz"

builddir="\$srcdir/license-list-data-\$pkgver"

```

subpackages="$pkgname-list"

_types="html json rdfa rdft rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt; do
        local
        license=${i##*/}
        echo "${license%. *} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db
7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

```



```

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--localstatedir=/var/lib # it really shouldn't be in /var
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
"

# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=${pkgver}-r${pkgrel}" # Backwards compatibility

build() {
gpep517 build-wheel \
--wheel-dir .dist \
--output-fd 3 3>&1 >&2
}

```

```

package() {
  gpep517 install-wheel --destdir "$pkgdir" \
    .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"

# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
  default_prepare

  cargo fetch --target="$CTARGET" --locked
}

build() {
  cargo auditable build --release --frozen
}

check() {
  cargo test --frozen
}

package() {
  install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=py3-license-expression
_pkgname=license-expression

```

```

pkgver=30.3.0
pkgrel=1
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${pkgname}/${pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${pkgname}-${pkgver}"

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
3fe4ac8830085fe38d8ee713a332047941b2a7a8ff5f31810b124c5903335a8343a222926aefe000da66a49b4d6f8b934
af3cc350448b075a4ec6aa1fdb51aef
    license-expression-30.3.0.tar.gz
"
MIT License

```

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(EMU Soundfont 2 Format)

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Any feedback, contact Ian Wilson.

[vintagedreamworks@hotmail.com](mailto:vintagedreamworks@hotmail.com)

<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

# Automatically generated by apkbuild-cpan, template 4

# Contributor: Valery Kartel <valery.kartel@gmail.com>

# Maintainer: Celeste <cielesti@protonmail.com>

pkgname=perl-bsd-resource

pkgver=1.2911

pkgrel=9

#\_pkgreal is used by apkbuild-cpan to find modules at MetaCpan

\_pkgreal=BSD-Resource

pkgdesc="Perl extension implements the BSD process resource limit functions"

url="https://metacpan.org/release/BSD-Resource/"

arch="all"

license="Artistic-2.0 OR LGPL-2.0"

depends="perl"

makedepends="perl-dev"

subpackages="\$pkgname-doc"

source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-\$pkgver.tar.gz"

builddir="\$srcdir/\${\_pkgreal}-\$pkgver"

```

build() {
export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
INSTALLDIRS=vendor \
NO_PACKLIST=1 \
NO_PERLLOCAL=1
make
}

check() {
export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
make test
}

package() {
make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
  BSD-Resource-1.2911.tar.gz
"

mini_sendmail - accept email on behalf of real sendmail

```

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```

SUCH DAMAGE.
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-igpl
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_igpl/2.3/libart_igpl-$pkgver.tar.bz2"
"

builddir="$srcdir"/libart_igpl-$pkgver

prepare() {
    update_config_sub
    default_prepare
}

build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_igpl-2.3.21.tar.bz2"

```

## 1.142 py3-packaging 24.0-r1

### 1.142.1 Available under license :

```

# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"

```

```

license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
  mkdir -p "$pkgdir"
  install -Dm644 -t "$pkgdir"/usr/include/sys \
    cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"

```

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 Parts Copyright (c) 1991 by Paul King  
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 The Kohonen neural network code for color optimization was written by Anthony Dekker.

Parts Copyright (c) 1995 by C. Blanc and C. Schlick  
 The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a

```

student practice (Universite Bordeaux, France). For additional information about X-splines, see:
"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.22
pkgrel=1
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdfnt rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt; do
        local
        license=${i##*/}
        echo "${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db
7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz

```



```

"
# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--localstatedir=/var/lib # it really shouldn't be in /var
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
"
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"

```

```

license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/${_pkgname}-${pkgver}

replaces="py-flake8-copyright"          # Backwards compatibility
provides="py-flake8-copyright=${pkgver-r$pkgrel}" # Backwards compatibility

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

package() {
    gpep517 install-wheel --destdir "$pkgdir" \
        .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-${pkgver}.tar.gz::https://crates.io/api/v1/crates/cargo-license/${pkgver}/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

build() {
    cargo auditable build --release --frozen
}

check() {

```

```

cargo test --frozen
}

package() {
install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license-expression
pkgver=30.3.0
pkgrel=1
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

build() {
gpep517 build-wheel \
--wheel-dir .dist \
--output-fd 3 3>&1 >&2
}

check() {
python3 -m venv --clear --without-pip --system-site-packages .testenv
.testenv/bin/python3 -m installer .dist/*.whl
.testenv/bin/python3 -m pytest
}

package() {
python3 -m installer -d "$pkgdir" \
.dist/*.whl
}

sha512sums="
3fe4ac8830085fe38d8ee713a332047941b2a7a8ff5f31810b124c5903335a8343a222926ae00da66a49b4d6f8b934
af3cc350448b075a4ec6aa1fdb51aef

```

license-expression-30.3.0.tar.gz

"

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(EMU Soundfont 2 Format)

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<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

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# Automatically generated by apkbuild-cpan, template 4

# Contributor: Valery Kartel <valery.kartel@gmail.com>

# Maintainer: Celeste <cielesti@protonmail.com>

```

pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=9
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgreal}-${pkgver}"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"
mini_sendmail - accept email on behalf of real sendmail

```

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```
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-igpl
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_igpl/2.3/libart_igpl-$pkgver.tar.bz2"
"
```

```
builddir="$srcdir"/libart_igpl-$pkgver
```

```
prepare() {
    update_config_sub
    default_prepare
}
```

```
build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}
```

```
package() {
    make DESTDIR="$pkgdir" install
}
```

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001aee9bace727b5b4c8589405256a3c020 libart\_lgpl-2.3.21.tar.bz2"

## 1.143 libucontext 1.2-r3

### 1.143.1 Available under license :

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## 1.144 libcap 2.70-r0

### 1.144.1 Available under license :

# Contributor: Patrycja Rosa <alpine@ptrcnull.me>

# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>

pkgname=bsd-compat-headers

pkgver=0.7.2

pkgrel=6

pkgdesc="BSD compatibility headers (cdefs, queue, tree)"

url="https://gitlab.alpinelinux.org/alpine/aports"

arch="noarch"

license="BSD-2-Clause AND BSD-3-Clause"

source="

cdefs.h

queue.h

tree.h

"

builddir="\$srcdir"

options="!check" # just headers

package() {

mkdir -p "\$pkgdir"

install -Dm644 -t "\$pkgdir"/usr/include/sys \

cdefs.h queue.h tree.h

}

sha512sums="

37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312

7006442c3f019b6447a620c0cae73178 cdefs.h

2f0d5e6e4dc3350285cf17009265dddcb12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86

11ea33987d4faba37dde5ce6da0750 queue.h

d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da  
cef2092881eded0a2e94f6a07752ef3 tree.h

"

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The text rotation code in w\_rottext.c was written by Alan Richardson.

The above copyright notice holds for this work as well.

Parts Copyright (c) 1994 by Anthony Dekker

The Kohonen neural network code for color optimization was written by Anthony Dekker.

Parts Copyright (c) 1995 by C. Blanc and C. Schlick

The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95  
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>

# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>

pkgname=spdx-licenses

pkgver=3.22

pkgrel=1

pkgdesc="Various data formats for the SPDX License List"

url="https://spdx.org/"

arch="noarch"

options="!check" # no test suite

license="CC-BY-3.0"

source="license-list-data-\$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v\$pkgver.tar.gz"

builddir="\$srcdir/license-list-data-\$pkgver"

subpackages="\$pkgname-list"

\_types="html json rdfa rdfnt rdfturtle rdfxml template text"



```

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt; do
        local
        license=${i##*/}
        echo ${license%. *} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db
7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
    # some GNU autoconf options are ignored, but it works
    ./configure \

```

```

--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--localstatedir=/var/lib # it really shouldn't be in /var
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
"

# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=${pkgver}-r${pkgrel}" # Backwards compatibility

build() {
gpep517 build-wheel \
--wheel-dir .dist \
--output-fd 3 3>&1 >&2
}

package() {
gpep517 install-wheel --destdir "$pkgdir" \
.dist/*.whl
}

```

```

}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"

# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
default_prepare

cargo fetch --target="$CTARGET" --locked
}

build() {
cargo auditable build --release --frozen
}

check() {
cargo test --frozen
}

package() {
install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=py3-license-expression
_pkgname=license-expression
pkgver=30.3.0
pkgrel=1
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"

```

```

arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
3fe4ac8830085fe38d8ee713a332047941b2a7a8ff5f31810b124c5903335a8343a222926aefe000da66a49b4d6f8b934
af3cc350448b075a4ec6aa1fdb51aef
    license-expression-30.3.0.tar.gz
"
MIT License

```

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```
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# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=9
#_pkgreal is used by apkgbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgreal}-${pkgver}"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

Vintage Dreams Waves v 2.0. for Creative Labs' AWE Soundcards
(EMU Soundfont 2 Format)
```

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[vintagedreamworks@hotmail.com](mailto:vintagedreamworks@hotmail.com)

<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

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# Maintainer: Natanael Copa <[ncopa@alpinelinux.org](mailto:ncopa@alpinelinux.org)>

pkgname=libart-lgpl

pkgver=2.3.21

```

pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"
"

builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
    update_config_sub
    default_prepare
}

build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"

```

# 1.145 sqlite 3.45.3-r1

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# 1.146 anyio 4.4.0

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# 1.147 aiosignal 1.3.1

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## 1.150 hypercorn 0.17.3

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```

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## 1.152 cryptography 42.0.8

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Found in path(s):

\* /bin/grep

## 1.154 prompt\_toolkit 3.0.47

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## 1.155 pyang 2.6.1

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# 1.156 nats v2.6.2

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## 1.157 xz 5.6.2-r0

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```
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tium.

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Files: progs/tset.c ncurses/tinfo/read\_termcap.c

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```
-- vile:txtmode fc=72
-- $Id: COPYING,v 1.13 2024/01/05 21:13:17 tom Exp $
```

## 1.162 ca-certificates 20240705-r0

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```
/opt/cola/permits/2086091099_1720643911.7219963/0/aports-167-zip/aports/.git/objects/pack/pack-7df8c4cbb730473eff2c71c0ea264964a79d8e57.pack: binary file matches
```

Found in path(s):  
\* /bin/grep

## 1.163 python-setuptools 70.3.0

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```
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```

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## 1.175 jinja 3.1.4

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## 1.176 python-pip 24.2

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

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
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes

2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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1.6.1	1.6	2001	CNRI	yes (2)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
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2.2 and above	2.1.1	2001-now	PSF	yes

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Both were inspired by Twisted

[FancyEqMixin](https://docs.twisted.org/en/stable/api/twisted.python.util.FancyEqMixin.html)

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <https://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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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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## 1.187 paramiko 3.4.1

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## 1.190 tomkit 0.13.2

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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 <https://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 <https://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the

software.

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

All

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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## 1.197 perks 1.0.1

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## 1.216 python 3.12.6-r0

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://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 <https://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

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

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1.3 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
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2.2 and above	2.1.1	2001-now	PSF	yes

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# 1.217 grpc-go 1.63.2

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# 1.218 fastapi 0.114.2

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