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Text Part Number: 78EE117C99-2025542219

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That's all there is to it!

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1.3 libdaemon 0.14

1.3.1 Available under license:

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1.4 jansson 2.11

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1.5 ndg-httpsclient 0.5.1

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1.6 ntp 4.2.8p15

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Version 4 and are acknowledged as authors of this work.

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- 3. [3]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
- 4. [4] Viraj Bais <vbais@mailman1.intel.com> and [5] Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
- 5. [6] Michael Barone < michael, barone @ lmco.com > GPSVME fixes
- 6. [7] Karl Berry < karl@owl.HQ.ileaf.com> syslog to file option
- 7. [8] Greg Brackley < greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recybuf and iosignal code into separate modules.
- 8. [9]Marc Brett < Marc.Brett@westgeo.com > Magnavox GPS clock driver
- 9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
- 10. [11]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features

in sntp

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- 29. [32]Johannes Maximilian Kuehn kewrote sntp to comply with NTPv4 specification, ntpq saveconfig
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- 34. [37]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
- 35. [38]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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- 38. [41] Wolfgang Moeller < moeller@gwdgv1.dnet.gwdg.de> VMS port
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- 42. [45]Derek Mulcahy <derek@toybox.demon.co.uk> and [46]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
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maintenance

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- 45. [49]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
- 46. [50] Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
- 47. [51] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
- 48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
- 49. [53] Ray Schnitzler < schnitz@unipress.com > Unixware1 port
- 50. [54] Michael Shields < shields@tembel.org> USNO clock driver
- 51. [55]Jeff Steinman < jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
- 52. [56]Harlan Stenn harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
- 53. [57] Kenneth Stone < ken@sdd.hp.com> HP-UX port

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- 55. [59]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver
- 56. [60]Brian Utterback brian.utterback@oracle.com> General codebase, Solaris issues
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1.7 popt 1.18

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1.8 bash 5.0.18

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

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1.10 pyasn1 0.4.8

1.10.1 Available under license:

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Metadata-Version: 1.2

Name: pyasn1 Version: 0.4.8

Summary: ASN.1 types and codecs

Home-page: https://github.com/etingof/pyasn1

Author: Ilya Etingof

Author-email: etingof@gmail.com

Maintainer: Ilya Etingof <etingof@gmail.com>

License: BSD

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

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

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Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.4
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Classifier:

Programming Language :: Python :: 2.5

Classifier: Programming Language :: Python :: 2.6 Classifier: Programming Language :: Python :: 2.7 Classifier: Programming Language :: Python :: 3 Classifier: Programming Language :: Python :: 3.2 Classifier: Programming Language :: Python :: 3.3 Classifier: Programming Language :: Python :: 3.4 Classifier: Programming Language :: Python :: 3.5 Classifier: Programming Language :: Python :: 3.6 Classifier: Programming Language :: Python :: 3.7

Classifier: Topic :: Communications

Classifier: Topic :: Software Development :: Libraries :: Python Modules

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0.4.8/tests/codec/native/test_encoder.py

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ASN.1 library for Python

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

[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.org/project/pyasn1/)

[![Build status](https://travis-ci.org/etingof/pyasn1.svg?branch=master)](https://secure.travis-ci.org/etingof/pyasn1) [![Coverage

Status] (https://img.shields.io/codecov/c/github/etingof/pyasn1.svg)] (https://codecov.io/github/etingof/pyasn1) (https://codecov.io/github/etingof/pyasn2) (https://codecov.io/github/etingof/pyas

[![GitHub license](https://img.shields.io/badge/license-BSD-

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

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

of protocols based on

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

Features

Generic implementation of ASN.1 types (X.208)

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

Why using pyasn1

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

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

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

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

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

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

How to use pyasn1

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

```bash

Record ::= SEQUENCE {

```
id
 INTEGER,
room [0] INTEGER OPTIONAL,
house [1] INTEGER DEFAULT 0
}
Could be expressed in pyasn1 like this:
```python
class Record(Sequence):
 componentType = NamedTypes(
    NamedType('id', Integer()),
    OptionalNamedType(
      'room', Integer().subtype(
         implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
      )
    ),
    DefaultedNamedType(
      'house',
Integer(0).subtype(
         implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
      )
    )
 )
It is in the spirit of ASN.1 to take abstract data description
and turn it into a programming language specific form.
Once you have your ASN.1 data structure expressed in Python, you
can use it along the lines of similar Python type (e.g. ASN.1
`SET` is similar to Python `dict`, `SET OF` to `list`):
```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
Part of the power of ASN.1 comes from its serialisation features. You
can serialise your data structure and send it over the network.
```python
>>> from pyasn1.codec.der.encoder import encode
```

```
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
Conversely, you can turn serialised ASN.1 content, as received from
network or read from a file, into a Python object which you can
introspect, modify,
encode and send back.
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>> for field in received_record:
>>> print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
The pyasn1 classes struggle to emulate their Python prototypes (e.g. int,
list, dict etc.). But ASN.1 types exhibit more complicated behaviour.
To make life easier for a Pythonista, they can turn their pyasn1
classes into Python built-ins:
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
Or vice-versa -- you can initialize an ASN.1 structure from a tree of
Python objects:
```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id':
123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
```

```
id=123
room=321
>>>
With ASN.1 design, serialisation codecs are decoupled from data objects,
so you could turn every single ASN.1 object into many different
serialised forms. As of this moment, pyasn1 supports BER, DER, CER and
Python built-ins codecs. The extremely compact PER encoding is expected
to be introduced in the upcoming pyasn1 release.
More information on pyasn1 APIs can be found in the
[documentation](http://snmplabs.com/pyasn1/),
compiled ASN.1 modules for different protocols and file formats
could be found in the pyasn1-modules
[repo](https://github.com/etingof/pyasn1-modules).
How to get pyasn1

The pyasn1 package is distributed under terms and conditions of 2-clause
BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely
available as a GitHub [repo](https://github.com/etingof/pyasn1).
You could `pip install pyasn1` or download it from [PyPI](https://pypi.org/project/pyasn1).
If
something does not work as expected,
[open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or
post your question [on Stack Overflow](https://stackoverflow.com/questions/ask)
or try browsing pyasn1
[mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).
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.. _license:
License

.. include:: ../../LICENSE.rst
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\* /opt/cola/permits/1110812511\_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/docs/source/license.rst No license file was found, but licenses were detected in source scan.

## ASN.1 library for Python

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.. toctree::

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Abstract Syntax Notation One (`ASN.1 <a href="http://en.wikipedia.org/wiki/Abstract\_Syntax\_Notation\_1x>`\_)">http://en.wikipedia.org/wiki/Abstract\_Syntax\_Notation\_1x>`\_) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

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

What is ASN.1

-----

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

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

widely used in industry and technology.

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

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers <a href="https://developers.google.com/protocolbuffers/">https://developers.google.com/protocolbuffers/</a>`\_

or `FlatBuffers <a href="https://google.github.io/flatbuffers/">https://google.github.io/flatbuffers/</a>, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

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

\* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing

arbitrarily complex, nested data structures.

- \* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.
- \* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

-----

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

- \* Signaling standards for the public switched telephone network (SS7 family)
- \* Network management standards (SNMP, CMIP)
- \* Directory standards (X.500 family, LDAP)
- \* Public Key Infrastructure standards (X.509, etc.)
- \* PBX control (CSTA)
- \* IP-based Videoconferencing (H.323 family)
- \* Biometrics (BIP, CBEFF,

ACBio)

- \* Intelligent transportation (SAE J2735)
- \* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas

-----

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

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

Documentation
...toctree::
:maxdepth: 2

/pyasn1/contents

Use case
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/example-use-case
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Books on ASN.1

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

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

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

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

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

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

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

Found in path(s):

\*/opt/cola/permits/1110812511\_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/docs/source/contents.rst

## 1.11 libdnet 1.12

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## 1.14 ply 3.11

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# PLY (Python Lex-Yacc)

Version 3.11

[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)

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### Introduction

========

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
   If you know how to use these tools in C, you will find PLY to be similar.
- PLY provides \*very\* extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.
- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.
- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice

properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.

- PLY uses Python introspection features to build lexers and parsers.
   This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

How to Use

========

PLY consists of two files: lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

import ply.lex as lex import ply.yacc as yacc

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

import lex import yacc

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements

\_\_\_\_\_

PLY requires the use of Python 2.6 or greater. However, you should

use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

#### Resources

\_\_\_\_\_

More information about PLY can be obtained on the PLY webpage at:

http://www.dabeaz.com/ply

For a detailed overview of parsing theory, consult the excellent book "Compilers: Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

https://github.com/dabeaz/ply

An old and

relatively inactive discussion group for PLY is found at:

http://groups.google.com/group/ply-hack

#### Acknowledgments

\_\_\_\_\_

A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools:-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0

\_\_\_\_\_

PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3--it is not necessary and may in fact break the implementation.

Example

======

Here is a simple example showing a PLY implementation

```
of a calculator
with variables.
 # calc.py
 # A simple calculator with variables.
 tokens = (
 'NAME', 'NUMBER',
 'PLUS', 'MINUS', 'TIMES', 'DIVIDE', 'EQUALS',
 'LPAREN', 'RPAREN',
)
 # Tokens
 t PLUS = r' + '
 t_MINUS = r'-'
 t_TIMES = r' \
 t_DIVIDE = r'/'
 t_EQUALS = r'='
 t_LPAREN = r' \ ('
 t_RPAREN = r' \rangle'
 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
 def t_newline(t):
 r' \ n+'
 t.lexer.lineno += t.value.count("\n")
 def t_error(t):
 print("Illegal character '%s" % t.value[0])
 t.lexer.skip(1)
 # Build the lexer
 import ply.lex as lex
 lex.lex()
 # Precedence
```

```
rules for the arithmetic operators
 precedence = (
 ('left','PLUS','MINUS'),
 ('left', 'TIMES', 'DIVIDE'),
 ('right', 'UMINUS'),
)
 # dictionary of names (for storing variables)
 names = \{ \}
def p_statement_assign(p):
 'statement : NAME EQUALS expression'
 names[p[1]] = p[3]
 def p_statement_expr(p):
 'statement: expression'
 print(p[1])
 def p_expression_binop(p):
 "expression: expression PLUS expression
 | expression MINUS expression
 | expression TIMES expression
 expression DIVIDE expression"
 if p[2] == '+' : p[0] = p[1] + p[3]
 elif p[2] == '-': p[0] = p[1] - p[3]
 elif p[2] == '*': p[0] = p[1] * p[3]
 elif p[2] == '/': p[0] = p[1] / p[3]
 def p_expression_uminus(p):
 'expression : MINUS expression %prec UMINUS'
 p[0] = -p[2]
 def p_expression_group(p):
 'expression: LPAREN
expression RPAREN'
 p[0] = p[2]
 def p_expression_number(p):
 'expression: NUMBER'
 p[0] = p[1]
 def p_expression_name(p):
 'expression: NAME'
 try:
 p[0] = names[p[1]]
 except LookupError:
 print("Undefined name '%s'" % p[1])
 p[0] = 0
```

```
def p_error(p):
 print("Syntax error at '%s"" % p.value)

import ply.yacc as yacc
yacc.yacc()

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

#### **Bug Reports and Patches**

\_\_\_\_\_

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

requests. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

-- Dave

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# 1.21 tdb 1.43

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# 1.22 luajit 2.1.0.beta3

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# 1.24 ncurses 6.3

## 1.24.1 Available under license:

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Upstream source https://invisible-island.net/ncurses/ncurses.html This package is used for testing builds of ncurses.

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

Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

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

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Files: \*

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## 1.34 python-requests 2.28.1

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principal author, although it includes many contributions from others.

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

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

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

Release	Derive	d Year	r Own	er GPL
from			com	patible? (1)
			•	
0.9.0 thru 1.2		1991-1	995 CWI	yes
1.3 thru	1.5.2 1.2	1995-	1999 CN	RI yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.c	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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## 1.40 urllib3 1.26.12

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# 1.46 glib 2.72.3

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## 1.47 hd-parm 9.64

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Mark Lord (mlord@pobox.com)

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## 1.48 libusb 1.0.26

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## 1.49 elfutils 0.187

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# 1.51 idna 15.0.0

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by Matthew Ford

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```
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4.1.24/examples/SafeString Tests/SafeStringLengthTrim/SafeStringLengthTrim.ino
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/* SafeStringInClasses 1.ino
 Example of using SafeString for Class char[]s
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*/
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* /opt/cola/permits/1439711747_1665547780.0078397/0/safestring-4-1-24-zip/SafeString-
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Examples of SafeString remove
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SafeString from char[] constructor
Examples of how to create SafeStrings from an existing char[]
also see the SafeString_ConstructorAndDebugging, SafeStringFromCharPtr and SafeStringFromCharPtrWithSize
examples
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 SafeString substring()
 Examples of SafeString substring
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4.1.24/examples/SafeString_Tests/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOpe
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rator.ino

SafeString.h static memory SafeString library modified by

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...mostly rewritten by Paul Stoffregen...

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sfStream.ino

SafeStringStream Unit test

Example of using SafeStringStream

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- 4.1.24/examples/SafeStringStream\_Tests/sfStream/sfStream.ino

```
/*
 SafeString readUntil, non-blocking until delimiter found
 Example of how to use the non-blocking readUntil() method to parse a CSV line
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 SafeString charAt() and setCharAt()
 Examples of how to get and set characters of a SafeString
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4.1.24/examples/SafeString_Tests/SafeStringCharacters/SafeStringCharacters. in our content of the content of
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 $4.1.24/examples/SafeString\_Tests/SafeStringFromCharPtr/SafeStringFromCharPtr. in our content of the property of the property$ 

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www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html

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 $4.1.24/examples/SafeString\_Tests/SafeStringPrint/SafeStringPrint.ino$ 

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OBD\_Processor.ino for SafeString V4.0.0+

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## 1.58 strace 5.19

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NR START END SECTORS SIZE NAME UUID

1 32 7679 7648 3.7M 8f8378c0-01

2 7680 16383 8704 4.3M 8f8378c0-02

5 7936 12799 4864 2.4M

6 12544 16127 3584 1.8M

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# 1.64 lua 2.1

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## 1.66 libtool 0.1

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

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

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the

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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

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The `Library", below, refers to any such software library or work which has been distributed under these terms. A `work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it,

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

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# @enumerate a

#### @item

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#### @item

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# @item

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#### @enumerate a

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# @subheading END OF TERMS AND CONDITIONS

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# 1.73 libidn 2.3.3

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## 1.78 libxcrypt 4.4.30

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# 1.80 eudev 3.2.11

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Version 3. 29 June 2007

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## 1.83 curl 7.85.0

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```
is what you want to do, use the GNU Lesser General
Public License instead of this License.
#!/usr/bin/env bash
MIT licenses will each have a unique MD5 sum since they contain a unique copyright.
This script will read the license file into memory, strip out the copyright, and then
generate an MD5 that is not unique and can be matched against a known MIT MD5 sum.
set -e
calculate_md5_sum() {
local FILE="$1"
Read the contents of the file into a variable
local raw_license_text=$(<"$FILE")</pre>
Convert to lowercase
local lowercase_license_text="${raw_license_text,,}"
Remove anything before the beginning of the license
local stripped_license_text=$(awk '/permission is hereby granted,/{p=1} p' <<< "$lowercase_license_text")
Replace line breaks (Windows or Linux) with a single space
local replaced_linebreaks=$(tr '\r\n' ' ' <<< "$stripped_license_text")</pre>
Replace multiple spaces with a single space
local normalized_license_text=$(tr -s ' ' <<< "$replaced_linebreaks")</pre>
Strip away any non-printable, non-whitespace characters
local clean_unprintable_license_text=$(tr
-cd '[:print:][:space:]' <<< "$normalized_license_text")</pre>
Remove punctuation and special characters
local clean_license_text=$(echo "$clean_unprintable_license_text" | sed 's/[^a-zA-Z]//g')
Calculate the MD5 sum of the cleaned license text
local MD5SUM=$(echo -n "$clean_license_text" | md5sum | awk '{print $1}')
Output the MD5 sum
echo "$MD5SUM"
Check if the FILE argument is provided
if [-z "$1"]; then
echo "Please provide a FILE as an argument."
exit 1
fi
Invoke the function with the provided FILE argument
calculate_md5_sum "$1"
```

```
WEV @@ WEV[B "1
x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...
;9GimCN7g
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{\]~WEV @@
WEV[B "1
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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

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 CN	IRI 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	5.1 2001	PSF	no
2.0.1	2.0+1.0	6.1 2001	PSF	yes
2.1.1	2.1+2.0	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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## 1.90 e2fsprogs 1.43

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Index: tdbsa/tdb.c

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```
---- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
```

- $\hbox{-} \quad Unix \ SMB/CIFS \ implementation.$
- + trivial database library standalone version
- trivial database library private includes

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```
This is a Makefile stub which handles the creation of BSD shared
libraries.
In order to use this stub, the following makefile variables must be defined.
#BSDLIB_VERSION = 1.0
BSDLIB_IMAGE = libce
#BSDLIB MYDIR = et
BSDLIB_INSTALL_DIR = $(SHLIBDIR)
all:: image
real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
image: $(BSD_LIB)
$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS) $(OBJS))
$(MV) pic/$(BSD_LIB).
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
 `echo $(my_dir) | sed -e 's;lib/;; `\$(BSD_LIB) $(BSD_LIB))
install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
 $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)
install-strip: install
install-shlibs-strip: install-shlibs
uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
clean::
```

\$(RM) -rf pic \$(RM) -f \$(BSD\_LIB) \$(RM) -f ../\$(BSD\_LIB)

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before you ship. The release schedules for this package are flexible, if you give me enough lead time.

Theodore Ts'o		
23-June-2007		

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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## 1.91 log-rotate 3.20.1

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```
$testlist = [
This specific test fails on OpenBSD because the .pcap file uses DLT_RAW,
which OpenBSD treats as DLT_LOOP. The macro is set on all three BSDs.
{
 config_unset => 'HAVE_NET_IF_PFLOG_H',
 name => 'heap-overflow-1',
 input => 'heap-overflow-1.pcap',
 output => 'heap-overflow-1.out',
 args => '-v'
},
];
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```

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(For example, a function in a library to compute square roots has

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

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3. You may opt to apply the terms of the ordinary GNU General Public

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^L

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it with the

complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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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. ^L

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit

modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)
- will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

^L

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- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
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<one line to give the library's name and a brief idea of what it does.>

Copyright (C) < year > < name of author >

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

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the

```
library 'Frob' (a library for tweaking knobs) written by James
Random Hacker.
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
in released code until Nov 2009 - slow release cycle...)
Discussion thread from mailing list archive, with approval from everyone actively
involved or holding original licensing rights included.
[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16
Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike
 Re: [Cracklib-devel] cracklib license
 From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
 I understand that, and you're welcome to bring it up with Alec directly
 and see if he wants to relicense his code as LGPL... but at this point,
 it was enough to just get it consistent and documented as to what it was
 released under. This wasn't actually a license change, just a
 clarification of the licensing that was already in place.=20
 -- Nathan
 =20
 Nathan Neulinger EMail: nneul@um...
 University of Missouri - Rolla Phone: (573) 341-6679
 UMR Information Technology Fax: (573) 341-4216
 > -----Original Message-----
 > From: cracklib-devel-bounces@li...
 > [mailto:cracklib-devel-bounces@li...] On Behalf Of
 > Mike Frysinger
```

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

```
> Subject: [Cracklib-devel] cracklib license
 >=20
 > looks like 2.8.11 is out and marked as "GPL-2" ... releasing
 > libraries under
 > GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
 > -mike
 Re: [Cracklib-devel] cracklib license
 From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33
 Attachments: Message as HTML
 On Monday 01 October 2007, Neulinger, Nathan
wrote:
 > I understand that, and you're welcome to bring it up with Alec directly
 > and see if he wants to relicense his code as LGPL... but at this point,
 > it was enough to just get it consistent and documented as to what it was
 > released under. This wasn't actually a license change, just a
 > clarification of the licensing that was already in place.
 the original license (before moving to sourceforge -- aka, 2.7) was not=20
 GPL-2 ... it was a modified artistic license ... i didnt notice the license=
 =20
 change until it was mentioned in the latest notes.
 unlike the old license, GPL-2 prevents people from using cracklib unless th=
 applications are also GPL-2 which imo is just wrong. it isnt the place of =
 a = 20
 library to dictact to application writes what license they should be using.=
 =20
 thus LGPL-2.1 enters to fill this void.
 =2Dmike
 Re: [Cracklib-devel]
cracklib license
 From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
 Seems like the ideal thing here would be for you and the other distro
 maintainers to get together with Alec in a conversation and come to a
 decision as to what licensing scheme y'all want. I haven't really done
 much other than cleaning up the packaging and patches and a small bit of
 additional code, so whatever licensing y'all come up with is fine by me.
 -- Nathan
 =20
 Nathan Neulinger EMail: nneul@um...
```

University of Missouri - Rolla Phone: (573) 341-6679 UMR Information Technology Fax: (573) 341-4216

- > -----Original Message-----
- > From: cracklib-devel-bounces@li...
- > [mailto:cracklib-devel-bounces@li...] On Behalf Of
- > Mike Frysinger
- > Sent: Monday, October 01, 2007 8:33 PM
- > To: Neulinger, Nathan
- > Cc: cracklib-devel@li...: Alec Muffett
- > Subject: Re: [Cracklib-devel] cracklib license
- >=20
- > On Monday 01 October 2007, Neulinger, Nathan wrote:
- >> I understand that, and you're welcome to bring it up with Alec
- > directly
- >> and see if he wants to relicense his code as LGPL... but at this
- > point,
- >> it was enough to just get it consistent and documented as to what
- > it was
- >> released under. This wasn't actually a license change, just a
- >> clarification of the licensing that was already in place.
- >=20
- > the original license (before moving to sourceforge -- aka, 2.7) was
- > not
- > GPL-2 ... it was a modified artistic license ... i didnt notice the
- > license
- > change until it was mentioned in the latest notes.
- >=20
- > unlike the old license, GPL-2 prevents people from using cracklib
- > unless their
- > applications are also GPL-2 which imo is just wrong. it isnt the
- > place of a
- > library

to dictact to application writes what license they should

- > be using.
- > thus LGPL-2.1 enters to fill this void.
- > -mike

Re: [Cracklib-devel] cracklib license

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

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

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license

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

I would like to see it under LGPL as well. I

think it is in everyone's

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

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

Devin

\_\_

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

Re: [Cracklib-devel] cracklib license

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

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

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

code, so whatever licensing y'all come up with is fine

>> by me.

>

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

>

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

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

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the

GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

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

Cheers,

Re: [Cracklib-devel] cracklib license

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

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

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

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

Nalin

- >>> additional code, so whatever licensing y'all come up with is fine
- >>> by me.
- >>
- >> I am sympathetic. Guys, what do you reckon?
- >>
- >> What I am hearing so far is that LGPL makes sense, since it can be
- >> linked with any code, not just GPL...
- >
- > My apologies for not chiming in in anything resembling a reasonable
- > timeframe.
- >
- > I'd also suggest the LGPL, for the reason you noted above. Alternately,
- > GPLv2 with the option of using

the library under a later version of the

- > GPL would permit applications which were released under version 3 of the
- > GPL to use the library, too, which would be sufficient for the packages
- > which are included in Fedora. FWIW, I'd personally lean toward LGPL.
- >
- > In any case, I thank you both for working on sorting this out.

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

-mike

```
Re: [Cracklib-devel] cracklib license
 From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
 >> In any case, I thank you both for working on sorting this out.
 > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
 > the change now?
 yes. go for it. thanks++
 -a
 Re: [Cracklib-devel] cracklib license
 From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34
 Attachments: Message as HTML
 On Sunday 05 October
2008, Alec Muffett wrote:
 >>> In any case, I thank you both for working on sorting this out.
 >> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
 >> make the change now?
 > yes. go for it. thanks++
 Nathan Neulinger is the only one who can actually make said change ...
 -mike
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
CrackLib was originally licensed with a variant of the Artistic license. In the
interests of wider acceptance and more modern licensing, it was switched with
the original author's blessing to GPL v2.
This approval was carried out in email discussions in 2005, and has been reconfirmed
as of 2007-10-01 with the following email from Alec Muffett.
The below email references nneul@umr.edu address, as that is the address
that was used at the time. For any future emails regarding this, please
use nneul@neulinger.org.
```

```
From
alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959);
 Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959);
 Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtpr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from
[82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length:
585
Lines: 21
> ----- Forwarded message -----
> From: Neulinger, Nathan < nneul@umr.edu>
```

> Date: Sep 27, 2007 2:58 PM

```
> Subject: RE: cracklib license
```

> To: alecm@crypto.dircon.co.uk

>

- > Any chance you could write me a self-contained email stating clearly
- > that the license is being changed to GPL, so I could include that
- > email
- > in the repository and clean up the repository/tarballs? I have all the
- > original discussion, but something succinct and self contained
- > would be
- > ideal.

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

Happy now?:-)

-a

## 1.97 yara 0.100.3

### 1.97.1 Available under license:

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

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# 1.100 curl 7.74.0-DEV

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#### THE BASIC LIBRARY FUNCTIONS

\_\_\_\_\_

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service, Cambridge, England.

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# 1.102 libtasn 4.17.0

# 1.102.1 Available under license:

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

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

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

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#### a) Accompany

the work with the complete corresponding

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properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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Written by: Zoltan Herczeg Email local part: hzmester Email domain: freemail.hu

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THE C++ WRAPPER FUNCTIONS

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php\_curl, or with
an Apache+mod\_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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

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

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

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	from		con	npatible? (1)
0.9.0 thr	u 1.2	1991-	1995 CW	'I yes
1.3 thru	1.5.2 1.2	1995	5-1999 Cl	NRI 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	5.1 2001	PSF	no
2.0.1	2.0+1.0	6.1 2001	PSF	yes
2.1.1	2.1+2.0	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	2002-20	003 PSF	yes
2.3.1	2.3	2002-20	003 PSF	yes
2.3.2	2.3.1	2002-2	2003 PSF	yes
2.3.3	2.3.2	2002-2	2003 PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes

3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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

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

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

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

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Release	Derive	d Year	Own	er GPL-		
	from		com	patible? (1)		
0.9.0 thr	ru 1.2	1991-1	995 CWI	yes		
1.3 thru	1.5.2 1.2	1995-	1999 CN	RI yes		
1.6	1.5.2	2000	CNRI	no		
2.0	1.6	2000	BeOpen.c	com no		
1.6.1	1.6	2001	CNRI	yes (2)		
2.1	2.0+1.6.1	2001	PSF	no		
2.0.1	2.0+1.6.	1 2001	PSF	yes		
2.1.1	2.1+2.0.	1 2001	PSF	yes		
2.1.2	2.1.1	2002	PSF	yes		
2.1.3	2.1.2	2002	PSF	yes		
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## 1.105 python-certifi 2022.09.14

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities

(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:

https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt

It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php\_curl, or with
an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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

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

### 1.106 libunwind 1.5

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## 1.107 cjson 1.5.4

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## 1.108 kmod 30-r0

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## 1.109 gawk 5.1.1

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pycparser -- A C parser in Python

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The Google C++ Testing Framework (Google Test)

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# 1.120 gdbm 1.23

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