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## 10.4 Remote PHY 10.4

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Text Part Number: 78EE117C99-1342410728

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bzip2/libbzip2 version 1.0.2 of 30 December 2001

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minibz2

libbz2.dll test program.

by Yoshioka Tsuneo (tsuneo@rr.iij4u.or.jp)

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usage: minibz2 [-d] [-{1,2,...9}] [[srcfilename] destfilename]

\*/

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Version 3, 29 June 2007

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## THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel

Email local part: ph10

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## 1.7 rsyslog 8.39.0

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## 1.8 lua-cjson 2.1.0

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Version 3, 29 June 2007

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## 1.11 e2fsprogs 1.44.1

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It is part of the main e2fsprogs distribution, which can be found at:

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<card@masi.ibp.fr>.

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\*/

Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version
  
- trivial database library - private includes
-



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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Theodore Ts'o  
23-June-2007

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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#

# This is a Makefile stub which handles the creation of BSD shared  
# libraries.

#

# In order to use this stub, the following makefile variables must be defined.

#

# BSDLIB\_VERSION = 1.0

# BSDLIB\_IMAGE = libce

# BSDLIB\_MYDIR = et

# BSDLIB\_INSTALL\_DIR = \$(SHLIBDIR)

#

all:: image

```

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
This is the Debian GNU/Linux prepackaged version of the ss
command-line interface parsing library. It is currently
distributed together with the EXT2 file system utilities, which are
otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
[tsx-11.mit.edu/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu/pub/linux/packages/ext2fs/)

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## 1.12 protobuf 3.6.1

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This file contains a list of people who have made large contributions to the public version of Protocol Buffers.

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\* Small patch to fix Python CallMethod().  
Ulrich Kunitz <kune@deine-taler.de>  
\* Small optimizations to Python serialization.  
Leandro Lucarella <llucax@gmail.com>  
\* VI syntax highlighting tweaks.



- \* Fix compiler to not make output executable.

Dilip Joseph <dilip.antony.joseph@gmail.com>

- \* Heuristic detection of sub-messages when printing unknown fields in text format.

Brian Atkinson <nairb774@gmail.com>

- \* Added @Override annotation to generated Java code where appropriate.

Vincent Choiniere <Choiniere.Vincent@hydro.qc.ca>

- \* Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

- \* Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

  

- \* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>

- \* MS Visual Studio error format option.
- \* Detect unordered\_map in stl\_hash.m4.

Brian Olson <brianolson@google.com>

- \* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

- \* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- \* Added generation of field number constants.

Wink Saville <wink@google.com>

- \* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

- \* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>

- \* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>

- \* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>

- \* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

- \* Detect whether zlib is new enough in configure script.
- \* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

- \* Optimize Java serialization code when writing a small message to a stream.
- \* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
- \* Clean up some Java warnings.
- \* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>

- \* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

- \* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- \* Fixed detection of sched\_yield on Solaris.
- \* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- \* Fixed minor IBM xLC compiler build issues

- \* Added atomicops for AIX (POWER)

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## 1.13 redis 4.0.14

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```
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```

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## 1.22 ncurses 6.2

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man/errc.3bsd

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src/getbsize.c

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include/bsd/stringlist.h

man/fmtcheck.3bsd

man/humanize\_number.3bsd

man/stringlist.3bsd

man/timeval.3bsd

src/fmtcheck.c

src/humanize\_number.c

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man/closefrom.3bsd  
man/expand\_number.3bsd  
man/flopen.3bsd  
man/getpeereid.3bsd  
man/pidfile.3bsd  
src/expand\_number.c  
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src/fparseln.c

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man/strncpy.3bsd  
man/strtonum.3bsd  
src/arc4random.c  
src/arc4random\_openbsd.h  
src/arc4random\_uniform.c  
src/arc4random\_unix.h  
src/closefrom.c  
src/getentropy\_aix.c  
src/getentropy\_bsd.c  
src/getentropy\_hpux.c  
src/getentropy\_hurd.c  
src/getentropy\_linux.c  
src/getentropy\_osx.c  
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src/hash/md5.c

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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The End

## 1.26 wpa-supPLICant 2.7-devel

### 1.26.1 Available under license :

wpa\_supPLICant and hostapd

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

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

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

All

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
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| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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## 1.29 zeromq 4.3.2

### 1.29.1 Available under license :

wepoll - epoll for Windows  
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## 1.32 linenoise 1.0.0

## 1.32.1 Available under license :

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```
/* linenoise.h -- guerrilla line editing library against the idea that a
 * line editing lib needs to be 20,000 lines of C code.
 *
 * See linenoise.c for more information.
 *
 * -----
 *
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 */
```

Found in path(s):

\* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-923ca3c/linenoise\_c/linenoise.h

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

```
/*
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 *
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```

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\*/

Found in path(s):

\* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-923ca3c/headers/raw\_pointer.h

\* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-923ca3c/headers/complex\_stubs.h

\* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-923ca3c/headers/primitives.h

\* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-923ca3c/headers/type\_info\_stubs.h

\* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-

923ca3c/headers/managed\_buffer\_stubs.h

\* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-923ca3c/headers/unsigned\_stubs.h

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

/\* linenoise.c -- guerrilla line editing library against the idea that a

\* line editing lib needs to be 20,000 lines of C code.

\*

\* You can find the latest source code at:

\*

\* <http://github.com/antirez/linenoise>

\*

\* Does a number of crazy assumptions that happen to be true in 99.9999% of

\* the 2010 UNIX computers around.

\*

\* -----

\*

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\*

\* -----

\*

\* References:

\* - <http://invisible-island.net/xterm/ctlseqs/ctlseqs.html>

\* - <http://www.3waylabs.com/nw/WWW/products/wizcon/vt220.html>

\*

\* Todo list:

\* - Filter bogus Ctrl+<char> combinations.

\* - Win32 support

\*

\* Bloat:

\* - History search like Ctrl+r in readline?

\*

\* List of escape sequences used by this program, we do everything just

\* with three sequences. In order to be so cheap we may have some

\* flickering effect with some slow terminal, but the lesser sequences

\* the more compatible.

\*

\* CHA (Cursor Horizontal Absolute)

\* Sequence: ESC [ n G

\* Effect: moves cursor to column n

\*

\* EL (Erase Line)

\* Sequence: ESC [ n K

\* Effect: if n is 0 or missing, clear from cursor to end of line

\* Effect: if n is 1, clear from beginning of line to cursor

\* Effect: if n is 2, clear entire line

\*

\* CUF (CUrsor Forward)

\* Sequence: ESC [ n C

\* Effect: moves cursor forward of n

chars

\*

\* When multi line mode is enabled, we also use an additional escape

\* sequence. However multi line editing is disabled by default.

\*

\* CUU (CUrsor Up)

\* Sequence: ESC [ n A

\* Effect: moves cursor up of n chars.

\*

\* CUD (CUrsor Down)

\* Sequence: ESC [ n B

- \* Effect: moves cursor down of n chars.
- \*
- \* The following are used to clear the screen: ESC [ H ESC [ 2 J
- \* This is actually composed of two sequences:
- \*
- \* cursorhome
- \* Sequence: ESC [ H
- \* Effect: moves the cursor to upper left corner
- \*
- \* ED2 (Clear entire screen)
- \* Sequence: ESC [ 2 J
- \* Effect: clear the whole screen
- \*
- \*/

Found in path(s):

- \* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-923ca3c/linenoise\_c/linenoise.c

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OASISFormat: 0.4

Name: linenoise

Version: 0.1

Synopsis: A small readline replacement

Authors: Katherine Whitlock

License: BSD-3-clause

Plugins: META(0.4)

Library linenoise

Path: .

BuildTools: ocamlbuild

CSources: linenoise\_stubs.c, linenoise\_c/linenoise.c, linenoise\_c/linenoise.h, headers/complex\_stubs.h, headers/cstubs\_internals.h, headers/managed\_buffer\_stubs.h, headers/primitives.h, headers/raw\_pointer.h, headers/type\_info\_stubs.h, headers/unsigned\_stubs.h

BuildDepends: ctypes.foreign, ctypes.stubs, core, threads

Modules: Linenoise\_bindings, Linenoise

Install: true

SourceRepository head

Type: git

Location: <https://github.com/brick-lang/linenoise-ml>

Browser: <https://github.com/brick-lang/linenoise-ml>

Found in path(s):

- \* /brick-lang-linenoise-ml-1-0-0-0-g923ca3c-tar-gz/brick-lang-linenoise-ml-923ca3c/\_oasis

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## 1.34 opkg 2019-01-18

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```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather
```

lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

\*

\*

\*

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\*

\* M. Welsh, 6 July 1996

\*

\*

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## 1.44 libfastjson 0.99.8

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## 1.45 expat 2.1.0

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## 1.46 util-linux 2.32.0

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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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```
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## 1.52 idna 2.1

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\*\*\*\*\*

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

\*\*\*\*\*

```
import sys
from setuptools import setup
import io
```

```

version = "2.1"

def main():

    python_version = sys.version_info[:2]
    if python_version < (2,6):
        raise SystemExit("Sorry, Python 2.6 or newer required")

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': version,
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2.6',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.3',
            'Programming Language :: Python :: 3.4',
            'Topic :: Internet :: Name Service (DNS)',
            'Topic :: Software Development :: Libraries :: Python Modules',
            'Topic :: Utilities',
        ],
        'test_suite': 'tests',
    }

    setup(**arguments)

if __name__ == '__main__':
    main()

Found in path(s):
* /kjd-idna-v2-1-0-gcb8ae9a-1-tar-gz/kjd-idna-45839b9/setup.py

```

# 1.53 cryptography 1.5.1

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## 1.57 pylint 1.4.4

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PLY (Python Lex-Yacc)                      Version 3.9

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## Introduction

=====

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

- PLY is very closely modeled after traditional lex/yacc.  
If you know how to use these tools in C, you will find PLY to be similar.

- PLY provides *\*very\** extensive error reporting and diagnostic information to assist in parser construction.

The original

implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.

- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.
- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.
- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

## How to Use

=====

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

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

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

```
import lex
import yacc
```

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

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

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

A simple example is found at the end of this document

#### Requirements

=====

PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

#### Resources

=====

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

<http://www.dabeaz.com/ply>

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

The GitHub page for PLY can be found at:

<https://github.com/dabeaz/ply>

An old and relatively inactive discussion group for PLY is found at:

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

#### Acknowledgments

=====

A

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

The CHANGES file acknowledges those who have contributed patches.

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

#### Special Note for PLY-3.0

=====

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

#### Example

=====

Here is a simple example showing a PLY implementation of a calculator with variables.

```
# -----
# calc.py
#
# A simple calculator with variables.
# -----

tokens = (
    'NAME','NUMBER',
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',
    'LPAREN','RPAREN',
)

# Tokens

t_PLUS = r'\+'
t_MINUS = r'\-'
t_TIMES = r'\*'
t_DIVIDE = r'\/'
```

```

t_EQUALS = r'='
t_LPAREN = r'\('
t_RPAREN = r'\)'
t_NAME = r'[a-zA-Z_][a-zA-Z0-9_]*'

def t_NUMBER(t):
    r'\d+'
    t.value = int(t.value)
    return t

# Ignored characters
t_ignore = " \t"

def t_newline(t):
    r'\n+'
    t.lexer.lineno += t.value.count("\n")

def t_error(t):
    print("Illegal character '%s'" % t.value[0])
    t.lexer.skip(1)

# Build the lexer
import ply.lex as lex
lex.lex()

# Precedence rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),
    ('left','TIMES','DIVIDE'),
    ('right','UMINUS'),
)

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    """expression : expression PLUS expression
                  | expression MINUS expression
                  | expression TIMES expression
                  | expression DIVIDE expression"""

```

```

if p[2] == '+' : p[0] = p[1] + p[3]
elif p[2] == '-': p[0] = p[1] - p[3]
elif p[2] == '*': p[0] = p[1] * p[3]
elif p[2] == '/': p[0] = p[1] / p[3]

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0

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

import ply.yacc as yacc
yacc.yacc()

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

```

## Bug Reports and Patches

=====

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



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## 1.69 pyzmq 22.2.1

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wepoll - epoll for Windows

<https://github.com/piscisaureus/wepoll>

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 \*  
 \* <http://code.google.com/p/curve25519-donna/>  
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 \*  
 \* djb's sample implementation of curve25519 is written in a special assembly  
 \* language called qhasm and uses the floating point registers.  
 \*  
 \* This is, almost, a clean room reimplementation from the curve25519 paper. It  
 \* uses many of the tricks described therein. Only the crecip function is taken  
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# 1.73 python-pysnmp4-mibs 0.1.3

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Upstream-Name: libnsl

Upstream-Contact: Thorsten Kukuk <kukuk@thkukuk.de>

Source: <https://github.com/thkukuk/libnsl>

Files: debian/\*

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Files: AUTHORS

- configure.ac
- config.h.in
- libnsl.pc.in
- Makefile.am
- NEWS
- README
- src/Makefile.am
- src/do\_ypcall.c
- src/internal.h
- src/libnsl.map
- src/nisplus/nis\_error.c
- src/taddr2host.c
- src/taddr2ipstr.c
- src/taddr2port.c
- src/yp\_first.c
- src/yp\_get\_default\_domain.c
- src/yp\_maplist.c
- src/yp\_master.c
- src/yp\_match.c
- src/yp\_next.c
- src/yp\_order.c
- src/ypbinderr\_string.c
- src/yperr\_string.c
- src/ypprot\_err.c

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Files: src/libc-lock.h

- src/nisplus/nis\_add.c
- src/nisplus/nis\_addmember.c
- src/nisplus/nis\_call.c
- src/nisplus/nis\_callback.c
- src/nisplus/nis\_checkpoint.c
- src/nisplus/nis\_clone\_dir.c
- src/nisplus/nis\_clone\_obj.c
- src/nisplus/nis\_clone\_res.c
- src/nisplus/nis\_creategroup.c
- src/nisplus/nis\_defaults.c
- src/nisplus/nis\_destroygroup.c
- src/nisplus/nis\_domain\_of.c
- src/nisplus/nis\_domain\_of\_r.c
- src/nisplus/nis\_file.c
- src/nisplus/nis\_findserv.c
- src/nisplus/nis\_free.c
- src/nisplus/nis\_getservlist.c

src/nisplus/nis\_hash.c  
src/nisplus/nis\_intern.h  
src/nisplus/nis\_ismember.c  
src/nisplus/nis\_local\_names.c  
src/nisplus/nis\_lookup.c  
src/nisplus/nis\_mkdir.c  
src/nisplus/nis\_modify.c  
src/nisplus/nis\_ping.c  
src/nisplus/nis\_print.c  
src/nisplus/nis\_print\_group\_entry.c  
src/nisplus/nis\_remove.c  
src/nisplus/nis\_removemember.c  
src/nisplus/nis\_rmdir.c  
src/nisplus/nis\_server.c  
src/nisplus/nis\_subr.c  
src/nisplus/nis\_table.c  
src/nisplus/nis\_util.c  
src/nisplus/nis\_verifygroup.c  
src/nisplus/nis\_xdr.c  
src/nisplus/nis\_xdr.h  
src/rpcsvc/nislib.h  
src/rpcsvc/ypclnt.h

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Files: src/rpcsvc/nis\_callback.h

src/rpcsvc/nis\_callback.x  
src/rpcsvc/nis\_object.x  
src/rpcsvc/nis\_tags.h  
src/rpcsvc/nis.h  
src/rpcsvc/nis.x  
src/rpcsvc/yp.h  
src/rpcsvc/yp.x  
src/rpcsvc/yp\_prot.h  
src/rpcsvc/yppasswd.h  
src/rpcsvc/yppasswd.x  
src/rpcsvc/ypupd.h  
src/yp\_xdr.c

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 \* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/service/service.h  
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 \*  
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 \* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/procd.c  
 \* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/state.c  
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* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/preload.h
* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/jail/preload.c
* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/jail/log.h
*
* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/trace/trace.c
* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/jail/jail.c
* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/jail/seccomp.h
* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/trace/preload.c
* /procd-2015-10-29-1-d5fddd91b966424bb63e943e789704d52382cc18-tar-gz/procd-2015-10-29.1/jail/elf.h

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

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

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