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

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Gocheck - A rich testing framework for Go

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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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

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

```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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The first commit to the Celery codebase was made on
Fri Apr 24 13:30:00 2009 +0200, and has since
then been improved by many contributors.

Everyone who have ever contributed to Celery should be in
this list, but in a recent policy change it has been decided
that everyone must add themselves here, and not be added
by others, so it's currently incomplete waiting for everyone
to add their names.

The list of authors added before the policy change can be found in docs/AUTHORS.txt.

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1.18 minimatch 3.0.4

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1.19 dhcp 4.3.6

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<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

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xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '#10;'))"/>

<xsl:text>#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '#10;')"/>

<xsl:if test="translate(\$rest, '#9;#32;', '')">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text" select="\$rest"/>

</xsl:call-template>

```

</xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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  </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
      <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

<!--
- Local variables:
- mode: sgml
- End:
-->
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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1.20 parse-glob 3.0.4

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1.21 balanced-match 1.0.0

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1.22 user-home 1.1.1

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1.23 python-setuptools 38.4.0

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1.24 jsesc 0.5.0

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1.25 glib 2.54.2

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1.26 open-vm-tools

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```
>>> cvtutf-1.4
>>> freebsd-1.72
>>> freebsd-base64-4.8
>>> icu4c-4.4.1
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```

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>>> freebsd-base64-4.8

base64.c -- routines to encode/decode base64 data

\$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp \$ /

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Version 2.8, 17 August 2003

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>>> icu4c-4.4.1

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[OPENVMTOOLS1010HS090816]

1.27 websocket-client 0.47.0

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1.28 util-linux 2.31.1

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1.29 soundex 0.2.1

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1.30 python-docker 2.0.2

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1.31 unicondcsv 0.14.1

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1.32 python-certifi 2018.1.18

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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:

<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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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

1.33 has-ansi 2.0.0

1.33.1 Available under license :

```
# has-ansi [![Build Status](https://travis-ci.org/sindresorhus/has-ansi.svg?branch=master)](https://travis-ci.org/sindresorhus/has-ansi)
```

> Check if a string has [ANSI escape codes](http://en.wikipedia.org/wiki/ANSI_escape_code)

```
## Install
```

```
...
```

```
$ npm install --save has-ansi
```

```
...
```

```
## Usage
```

```
```js
```

```
var hasAnsi = require('has-ansi');
```

```
hasAnsi('\u001b[4mcake\u001b[0m');
```

```
//=> true
```

```
hasAnsi('cake');
```

```
//=> false
```

```
...
```

```
Related
```

- [has-ansi-cli](https://github.com/sindresorhus/has-ansi-cli) - CLI for this module

- [strip-ansi](https://github.com/sindresorhus/strip-ansi) - Strip ANSI escape codes

- [ansi-regex](https://github.com/sindresorhus/ansi-regex) - Regular expression for matching ANSI escape codes

- [chalk](https://github.com/sindresorhus/chalk) - Terminal string styling done right

```
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## 1.34 xz 5.2.3

### 1.34.1 Available under license :

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Version 3, 29 June 2007

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## 1.49 python-cryptography 1.7.2

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## 1.51 buffer 1.1.6

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# 1.54 babel-plugin-transform-regenerator

## 6.26.0

# 1.55 ripemd160 2.0.2

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# 1.56 pyyaml 3.12

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# 1.60 babel-polyfill 6.26.0

## 1.61 for-own 0.1.5

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## 1.62 nan 2.14.0

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## 1.65 css-selector-tokenizer 0.7.1

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## 1.66 hash.js 1.1.5

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## 1.67 python-cffi 1.11.5

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## 1.68 fill-range 2.2.3

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## 1.69 asgiref 2.3.2

## 1.70 babel-register 6.26.0

## 1.71 browserify-cipher 1.0.1

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## 1.72 strict-rfc3339 0.7

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## 1.77 regjsgen 0.2.0

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## 1.80 os-homedir 1.0.2

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## 1.83 babel-code-frame 6.26.0

## 1.84 safe-buffer 5.1.2

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## 1.88 postcss-value-parser 3.3.0

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## 1.90 ajv 6.10.0

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# 1.91 bn.js 4.11.8

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# 1.92 cffi 1.11.2

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## 1.93 channels-redis 2.3.3

## 1.94 babel-plugin-transform-es2015-modules- amd 6.24.1

## 1.95 color-convert 1.9.1

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## 1.97 linux-kernel 4.19.52

## 1.98 websocket-client 0.40.0

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## 1.103 mkdirp 0.5.1

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## 1.106 requests-toolbelt 0.8.0

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## 1.108 bzip2 1.0.6

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bzip2/libbzip2 version 1.0.2 of 30 December 2001

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```

# 1.109 readline 7.0

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). 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 is a sponsoring member of the PSF.

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#### Mersenne Twister

-----

The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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-----

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Asynchronous socket services  
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-----

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Execution tracing

-----

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls

-----

The `:mod:`xmlrpc.client`` module contains the following notice::

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test\_epoll

-----

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Select kqueue

-----

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SipHash24

-----

The file :file:`Python/pyhash.c` contains Marek Majkowski' implementation of Dan Bernstein's SipHash24 algorithm. The contains the following note::

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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves (supercop/crypto\_auth/siphash24/little)

djb (supercop/crypto\_auth/siphash24/little2)

Jean-Philippe Aumasson (<https://131002.net/siphash/siphash24.c>)

strtod and dtoa

-----

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from <http://www.netlib.org/fp/>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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cfuhash

-----

The implementation of the hash table used by the `:mod:`tracemalloc`` is based on the cfuhash project::

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libmpdec

-----

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\*\*\*\*\*

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\*\*\*\*\*

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=====

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

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). 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 is a sponsoring member of the PSF.

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Mersenne Twister

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The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

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## Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Cookie management

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Execution tracing

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and `binary`. This results in a 1000-fold speedup. The C

- version is still 5 times faster, though.
- Arguments more compliant with Python standard

## XML Remote Procedure Calls

-----

The `:mod:`xmlrpc.client`` module contains the following notice::

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test\_epoll

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Select kqueue

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SipHash24

-----



The file :file:`Python/pyhash.c` contains Marek Majkowski' implementation of Dan Bernstein's SipHash24 algorithm. The contains the following note::

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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves (supercop/crypto\_auth/siphash24/little)

djb (supercop/crypto\_auth/siphash24/little2)

Jean-Philippe Aumasson (<https://131002.net/siphash/siphash24.c>)

strtod and dtoa

-----

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from <http://www.netlib.org/fp/>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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zlib

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cfuhash

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The implementation of the hash table used by the `:mod:`tracemalloc`` is based on the cfuhash project::

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2.0	1.6	2000	BeOpen.com	no
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2.1.1	2.1+2.0.1	2001	PSF	yes
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2.1.3	2.1.2	2002	PSF	yes
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## 1.112 gmp 6.1.2

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```

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## 1.114 babel-plugin-transform-es2015-literals

### 6.22.0

# 1.115 parse-asn1 5.1.1

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# 1.116 libevent 2.1.8

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## 1.118 convert-source-map 1.5.1

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## 1.119 text-encoding-shim 1.0.4

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## 1.120 big.js 5.2.2

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## 1.121 babel-helper-define-map 6.26.0

## 1.122 punycode 2.1.1

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# 1.123 remove-trailing-separator 1.1.0

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## 1.126 create-hmac 1.1.7

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## 1.127 globals 9.18.0

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## 1.128 python-dateutil 2.8.0

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## 1.130 babel-runtime 6.26.0

## 1.131 supports-color 5.3.0

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## 1.132 json-schema 3.0.1

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## 1.133 gnu-tls 3.5.17

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## Constant-time SSSE3 AES core implementation.

## version 0.1

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c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

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e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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## 1.152 babel-helper-optimise-call-expression

### 6.24.1

## 1.153 Idap-filters 2.2.2

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## 1.154 babel-helper-replace-supers 6.24.1

# 1.155 six 1.11.0

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### 1.162 vine 1.1.4

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## 1.165 et-xmlfile 1.0.1

## 1.166 diff-match-patch 20121119

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## 1.169 backcall 0.1.0

## 1.170 postcss-modules-extract-imports 1.2.1

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## 1.171 glob 7.1.2

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# 1.173 simplegeneric 0.8.1 1

## 1.174 backgrid 0.3.8

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## 1.177 jquery 3.4.1

## 1.178 object.omit 2.0.1

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## 1.180 pyrsistent 0.15.6

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## 1.181 miller-rabin 4.0.1

## 1.182 is-number 3.0.0

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# 1.183 coreutils 8.27

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# 1.188 python-requests 2.11.1

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## 1.189 json-schema 2.5.1

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## 1.194 django-rest-framework 3.8.2

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## 1.196 process-nextick-args 2.0.0

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## 1.197 open-ldap 2.4.48

## 1.198 python-backports-ssl-match-hostname

### 3.5.0.1

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## 1.203 wsaccel 0.6.2

## 1.204 minimalist 1.2.0

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## 1.205 string\_decoder 1.1.1

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## 1.210 babel-plugin-check-es2015-constants

### 6.22.0

## 1.211 uri-js 4.2.2

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2.1	2.0+1.6.1	2001	PSF	no
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2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	no
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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A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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Sockets

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls

-----  
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Select kqueue

-----

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SipHash24

-----

The file `:file:`Python/pyhash.c`` contains Marek Majkowski's implementation of Dan Bernstein's SipHash24 algorithm. It contains the following note::

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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves ([supercop/crypto\\_auth/siphash24/little](https://github.com/supercop/crypto_auth/siphash24/little))

djb ([supercop/crypto\\_auth/siphash24/little2](https://github.com/supercop/crypto_auth/siphash24/little2))

Jean-Philippe Aumasson (<https://131002.net/siphash/siphash24.c>)

strtod and dtoa

-----

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from <http://www.netlib.org/fp/>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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zlib

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cfuhash

-----

The implementation of the hash table used by the `:mod:`tracemalloc`` is based on the cfuhash project::

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libmpdec

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- <li><a href="mailto:%20duwe@immd4.informatik.uni-erlangen.de">Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de></a> Linux port</li>
- <li><a href="mailto:%20dennis@mrbill.canet.ca">Dennis Ferguson <dennis@mrbill.canet.ca></a> foundation code for NTP Version 2 as specified in RFC-1119</li>
- <li><a href="mailto:%20jhay@icomtek.csir.co.za">John Hay <jhay@icomtek.csir.co.za></a> IPv6 support and testing</li>
- <li><a href="mailto:%20davehart@davehart.com">Dave Hart <davehart@davehart.com></a> General maintenance, Windows port interpolation rewrite</li>
- <li><a href="mailto:%20neoclock4x@linum.com">Claas Hilbrecht <neoclock4x@linum.com></a> NeoClock4X clock driver</li>
- <li><a href="mailto:%20glenn@herald.usask.ca">Glenn Hollinger <glenn@herald.usask.ca></a> GOES clock driver</li>
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- <li><a href="mailto:%20jbj@chatham.usdesign.com">Jeff Johnson <jbj@chatham.usdesign.com></a> massive prototyping overhaul</li>
- <li><a href="mailto:%20Hans.Lambermont@nl.origin-it.com">Hans Lambermont <Hans.Lambermont@nl.origin-it.com></a> or <a href="mailto:H.Lambermont@chello.nl"><H.Lambermont@chello.nl></a> ntpswep</li>
- <li><a href="mailto:%20phk@FreeBSD.ORG">Poul-Henning Kamp <phk@FreeBSD.ORG></a> Oncore driver (Original author)</li>
- <li><a href="http://www4.informatik.uni-erlangen.de/%7ekardel">Frank Kardel</a> <a href="mailto:%20kardel%20%28at%29%20ntp%20%28dot%29%20org"><kardel (at) ntp (dot) org></a> PARSE <GENERIC> (driver 14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup,



dynamic interface handling</li>  
<li><a href="mailto:kuehn@ntp.org">Johannes Maximilian Kuehn <kuehn@ntp.org></a> Rewrote <tt>sntp</tt> to comply with NTPv4 specification, <tt>ntp saveconfig</tt></li>  
<li><a href="mailto:%20jones@hermes.chpc.utexas.edu">William L. Jones <jones@hermes.chpc.utexas.edu></a> RS/6000 AIX modifications, HP-UX modifications</li>  
<li><a href="mailto:%20dkatz@cisco.com">Dave Katz <dkatz@cisco.com></a> RS/6000 AIX port</li>  
<li><a href="mailto:%20leres@ee.lbl.gov">Craig Leres <leres@ee.lbl.gov></a> 4.4BSD port, ppsclock, Magnavox GPS clock driver</li>  
<li><a href="mailto:%20lindholm@ucs.ubc.ca">George Lindholm <lindholm@ucs.ubc.ca></a> SunOS 5.1 port</li>  
<li><a href="mailto:%20louie@ni.umd.edu">Louis A. Mamakos <louie@ni.umd.edu></a> MD5-based authentication</li>  
<li><a href="mailto:%20thorinn@diku.dk">Lars H. Mathiesen <thorinn@diku.dk></a> adaptation of foundation code for Version 3 as specified in RFC-1305</li>  
<li><a href="mailto:%20mayer@ntp.org">Danny Mayer <mayer@ntp.org></a> Network I/O, Windows Port, Code Maintenance</li>  
<li><a href="mailto:%20mills@udel.edu">David L. Mills <mills@udel.edu></a> Version 4 foundation, precision kernel; clock drivers: 1, 3, 4, 6, 7, 11, 13, 18, 19, 22, 36</li>  
<li><a href="mailto:%20moeller@gwdgv1.dnet.gwdg.de">Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de></a> VMS port</li>  
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56. [mailto:%20harlan@pfcs.com](mailto:20harlan@pfcs.com)
57. [mailto:%20ken@sdd.hp.com](mailto:20ken@sdd.hp.com)
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59. [mailto:%20tsuruoka@nc.fukuoka-u.ac.jp](mailto:20tsuruoka@nc.fukuoka-u.ac.jp)
60. [mailto:%20brian.utterback@oracle.com](mailto:20brian.utterback@oracle.com)
61. [mailto:%20loganaden@gmail.com](mailto:20loganaden@gmail.com)

62. mailto:%20vixie@vix.com  
63. mailto:%20Ulrich.Windl@rz.uni-regensburg.de  
/\* -\*- Mode: Text -\*- \*/

```
copyright = {
 date = "1992-2017";
 owner = "The University of Delaware and Network Time Foundation";
 eaddr = "http://bugs.ntp.org, bugs@ntp.org";
 type = ntp;
};
```

```
long-opts;
config-header = config.h;
environrc;
no-misuse-usage;
version-proc = ntpOptionPrintVersion;
```

```
version = `
eval VERSION=`sed -e 's/.*,\\[/ -e 's\\.*/' < ../sntp/m4/version.m4\
[-z "${VERSION}"] && echo "Cannot determine VERSION" && kill -TERM $AG_pid
echo $VERSION`;
```

```
version-value = "; /* Don't use -v as a shortcut for --version */
```

```
/*
* HMS: man pages already have this, and texi pages can use the
* values in sntp/include/version.texi .
*/
```

```
// doc-sub = {
// sub-name = version;
// sub-text = 's/#VERSION#/<<version>>/g';
// };
```

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## 1.228 zlib 1.2.11

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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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\*/

## 1.229 libffi 3.2.1

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## 1.230 supports-color 2.0.0

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```
supports-color [![Build Status](https://travis-ci.org/chalk/supports-color.svg?branch=master)](https://travis-ci.org/chalk/supports-color)
```

> Detect whether a terminal supports color

```
Install
```

```
...
```

```
$ npm install --save supports-color
```

```
...
```

```
Usage
```

```
```js
```

```
var supportsColor = require('supports-color');
```

```
if (supportsColor) {
```

```
  console.log('Terminal supports color');
```

```
}
```

```
```
```

It obeys the `--color` and `--no-color` CLI flags.

For situations where using `--color` is not possible, add an environment variable `FORCE_COLOR` with any value to force color. Trumps `--no-color`.

```
Related
```

```
- [supports-color-cli](https://github.com/chalk/supports-color-cli) - CLI for this module
```

```
- [chalk](https://github.com/chalk/chalk) - Terminal string styling done right
```

```
License
```

```
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```

## 1.231 taglib 0.12.1

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Taglib includes some vendored python libraries: ordereddict, markup.

Markup License

```
=====
```

Markup is in the public domain.

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=====

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# 1.233 primitive 2.0.0

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## 1.236 babel-traverse 6.26.0

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## 1.244 glibc 2.26

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"""

```
from __future__ import division, absolute_import
```

```
__all__ = ['copyright', 'disclaimer', 'longversion', 'version']
```

```
from twisted import __version__ as version, version as longversion
```

```
longversion = str(longversion)
```

```
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```

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```

```
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```
%s
```

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## 1.266 text-table 0.8.7

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# 1.274 babel-plugin-transform-es2015-for-of 6.23.0

## 1.275 log-rotate 3.13.0

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## 1.276 json-schema-traverse 0.4.1

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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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```
#!/bin/sh
```

```
Wrapper for Microsoft lib.exe
```

```
me=ar-lib
```

```
scriptversion=2012-03-01.08; # UTC
```

```
Copyright (C) 2010-2017 Free Software Foundation, Inc.
```

```
Written by Peter Rosin <peda@lysator.liu.se>.
```

```
#
```

```
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```

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configuration script generated by Autoconf, you may include it under
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```

```
This file is maintained in Automake, please report
bugs to <bug-automake@gnu.org> or send patches to
<automake-patches@gnu.org>.
```

# 1.278 babel-plugin-transform-strict-mode

## 6.24.1

# 1.279 minimalistic-crypto-utils 1.0.1

# 1.280 py-asn1 0.4.4

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# 1.281 regexpu-core 1.0.0

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# 1.282 libseccomp 2.4.0

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Version 2.1, February 1999

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## 1.283 django-cors-headers 2.4.0

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## 1.284 repeat-string 1.6.1

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## 1.285 moment 2.19.1

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Blttermann, Mario  
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## 1.296 normalize-path 2.1.1

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## 1.297 repeat-element 1.1.2

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# 1.298 babel-plugin-transform-es2015-block-scoping 6.26.0

## 1.299 source-map 0.5.7

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## 1.300 postcss 6.0.21

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# 1.307 automat 0.7.0

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# 1.308 fsevents 1.1.3

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```

Constant-time SSSE3 AES core implementation.
version 0.1

By Mike Hamburg (Stanford University), 2009
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For details see http://shiftleft.org/papers/vector_aes/ and
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```

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## 1.350 ajv-keywords 3.4.0

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## 1.371 dcron 4.5

# 1.372 django-bulk-update 1.1.10

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## 1.374 babel-plugin-transform-es2015-parameters 6.24.1

## 1.375 babel-types 6.26.0

## 1.376 chardet 3.0.4

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## 1.377 babel-helper-hoist-variables 6.24.1



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# 1.380 once 1.4.0

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# 1.381 py-cparser 2.18

# 1.382 babel-plugin-transform-es2015-function-name 6.24.1

# 1.383 core-util-is 1.0.2

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## 1.384 pyparsing 2.2.0

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## 1.385 expand-brackets 0.1.5

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## 1.386 webpack-jquery-ui 2.0.1

## 1.387 source-map-support 0.4.18

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## 1.388 jdcad 1.4

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# 1.389 os-tmpdir 1.0.2

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# 1.390 incremental 16.10.1

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## 1.391 output-file-sync 1.1.2

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## 1.392 netns

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# 1

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## 1.393 set-immediate-shim 1.0.1

# 1.394 lvm2 2.02.173

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The author of the PERL Spreadsheet::WriteExcel module is John McNamara

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## 1.396 moment-duration-format 2.2.2

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## 1.397 coverage 4.3.4

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Coverage.py was originally written by Gareth Rees, and since 2004 has been extended and maintained by Ned Batchelder.

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## 1.400 babel-plugin-transform-es2015-template-literals 6.22.0

### 1.401 libdnet 1.11

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# 1.402 babel-messages 6.23.0

## 1.403 urllib3 1.24.1

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- \* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
  
- \* niphlod <niphlod@gmail.com>
- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers
  
- \* btoconnor <brian@btoconnor.net>
- \* Non-multipart encoding for POST requests
  
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- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
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- \* Sune Kirkeby <mig@ibofobi.dk>
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- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
  
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- \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<https://lukasa.co.uk/about/>>
- \* Stream method for Response objects.
- \* Return native strings in header values.
- \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
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- \* Stephen Holsapple <sholsapp@gmail.com>
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- \* Nipunn Koorapati <nipunn1313@gmail.com>
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- \* Danilo @dbrgn <https://dbrgn.ch/>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
  
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- \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
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- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <https://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation
  
- \* Aaron Meurer <asmeurer@gmail.com>
- \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes

- \* Benjamin Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture
  
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- \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <ttomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <magicalgirl@google.com>
- \* App Engine environment tests.
- \* Documentation re-write.
  
- \* John Krauss <https://github.com/talos>
- \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <https://github.com/jmoldow>
- \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
- \* Creation of ``HTTPConnectionPool.ResponseCls``.
  
- \* Predrag Gruevski <https://github.com/obi1kenobi>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <https://github.com/a-tal>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <https://evanmeagher.net>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter

- \* John Vandenberg <jayvdb@gmail.com>
  - \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <andy.m.caldwell@googlemail.com>
  - \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <ville.skytta@iki.fi>
  - \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <smtakeda@gmail.com>
  - \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jesse Shapiro <jesse@jesseshapiro.net>
  - \* Various character-encoding fixes/tweaks
  - \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <http://dafoster.net/>
  - \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <jeremy@jcline.org>
  - \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <palaviv@gmail.com>
  - \* History list to Retry object.
  - \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <nate.prewitt@gmail.com>
  - \* Ensure timeouts are not booleans and greater than zero.
  - \* Fixed infinite loop in ``stream`` when amt=None.
  - \* Added length\_remaining to determine remaining data to be read.
  - \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <sethmichaellarson@protonmail.com>
  - \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <alex.dias@smarkets.com>
  - \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
  - \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
  - \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
  - \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>

- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
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- \* Ongoing maintenance
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite
  
- \* Will Bond <will@wbond.net>
- \* Add Python 2.6 support to ``contrib.securetransport``
  
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6
  
- \* Tim Bell <https://github.com/timb07>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
  
- \* Justin Bramley <https://github.com/jbramleycl>
- \* Add ability to handle multiple Content-Encodings
  
- \* [Your name or handle] <[email or website]>
- \* [Brief summary of your changes]

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## 1.406 babel-plugin-transform-es2015-object-super 6.24.1

## 1.407 public-encrypt 4.0.2

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## 1.408 postcss-modules-values 1.3.0

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## 1.410 Idap-filter 0.2.1

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# 1.412 daphne 2.2.2

## 1.413 fs.realpath 1.0.0

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## 1.414 idna 2.5

## 1.415 kombu 4.2.1

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## 1.416 django 2.1.4

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=====  
Advice for new contributors  
=====

New contributor and not sure what to do? Want to help but just don't know how to get started? This is the section for you.

.. admonition:: Basic tools and workflow

If you are new to contributing to Django, the `:doc:`/intro/contributing`` tutorial will give you an introduction to the tools and the workflow.

First steps  
=====

Start with these easy tasks to discover Django's development process.

**\*\*Sign the Contributor License Agreement\*\***

The code that you write belongs to you or your employer. If your contribution is more than one or two lines of code, you need to sign the ``CLA``. See the ``Contributor License Agreement FAQ`` for a more thorough explanation.

**\*\*Triage tickets\*\***

If an ``unreviewed ticket`` reports a bug, try and reproduce it. If you can reproduce it and it seems valid, make a note that you confirmed the bug and accept the ticket. Make sure the ticket is filed under the correct component area. Consider writing a patch that adds a test for the bug's behavior, even if you don't fix the bug itself. See more at `:ref:`how-can-i-help-with-triaging``

**\*\*Look for tickets that are accepted and review patches to build familiarity with the codebase and the process\*\***

Mark the appropriate flags if a patch needs docs or tests. Look through the changes a patch makes, and keep an eye out for syntax that is incompatible with older but still supported versions of Python. `:doc:`Run the tests </internals/contributing/writing-code/unit-tests>`` and make sure they pass. Where possible and relevant, try them out on a database other than SQLite. Leave comments and feedback!

**\*\*Keep old patches up to date\*\***

Oftentimes the codebase will change between a patch being submitted and the time it gets reviewed. Make sure it still applies cleanly and functions as expected. Simply updating a patch is both useful and important! See more on `:doc:`writing-code/submitted-patches``.

**\*\*Write some documentation\*\***

Django's documentation is great but it can always be improved. Did you find a typo? Do you think that something should be clarified? Go ahead and suggest a documentation patch! See also the guide on `:doc:`writing-documentation``.

.. note::

The ``reports page`_` contains links to many useful Trac queries, including several that are useful for triaging tickets and reviewing patches as suggested above.

.. `_reports page`: <https://code.djangoproject.com/wiki/Reports>

.. `_CLA`: <https://www.djangoproject.com/foundation/cla/>

.. `_Contributor License Agreement FAQ`: <https://www.djangoproject.com/foundation/cla/faq/>

.. `_unreviewed ticket`: <https://code.djangoproject.com/query?status=!closed&stage=Unreviewed>

## Guidelines

=====

As a newcomer on a large project, it's easy to experience frustration. Here's some advice to make your work on Django more useful and rewarding.

**\*\*Pick a subject area that you care about, that you are familiar with, or that you want to learn about\*\***

You don't already have to be an expert on the area you want to work on; you become an expert through your ongoing contributions to the code.

\* \*\*Analyze tickets' context and history\*\*

Trac isn't an absolute; the context is just as important as the words.

When reading Trac, you need to take into account who says things, and when they were said. Support for an idea two years ago doesn't necessarily mean that the idea will still have support. You also need to pay attention to who *hasn't* spoken -- for example, if an experienced contributor hasn't been recently involved in a discussion, then a ticket may not have the support required to get into Django.

\* \*\*Start small\*\*

It's easier to get feedback on a little issue than on a big one. See the ``easy pickings`_`.

\* \*\*If you're going to engage in a big task, make sure that your idea has support first\*\*

This means getting someone else to confirm that a bug is real before you fix the issue, and ensuring that there's consensus on a proposed feature before you go implementing it.

\* \*\*Be bold! Leave feedback!\*\*

Sometimes it can be scary to put your opinion out to the world and say "this ticket is correct" or "this patch needs work", but it's the only way the project moves forward. The contributions of the broad Django community ultimately have a much greater impact than that of any one person. We can't do it without *you*!

\* \*\*Err on the side of caution when marking things Ready For Check-in\*\*

If you're really not certain if a ticket is ready, don't mark it as such. Leave a comment instead, letting others know your thoughts. If you're mostly certain, but not completely certain, you might also try asking on IRC to see if someone else can confirm your suspicions.

\* \*\*Wait for feedback, and respond to feedback that you receive\*\*

Focus on one or two tickets, see them through from start to finish, and repeat. The shotgun approach of taking on lots of tickets and letting some fall by the wayside ends up doing more harm than good.

\* \*\*Be rigorous\*\*

When we say "pep:8", and must have docs and tests", we mean it. If a patch doesn't have docs and tests, there had better be a good reason. Arguments

like "I couldn't find any existing tests of this feature" don't carry much weight--while it may be true, that means you have the extra-important job of writing the very first tests for that feature, not that you get a pass from writing tests altogether.

.. \_easy pickings: <https://code.djangoproject.com/query?status=!closed&easy=1>

.. \_new-contributors-faq:

## FAQ

====

1. **\*\*This ticket I care about has been ignored for days/weeks/months! What can I do to get it committed?\***

First off, it's not personal. Django is entirely developed by volunteers (except the Django fellow), and sometimes folks just don't have time. The best thing to do is to send a gentle reminder to the |django-developers| mailing list asking for review on the ticket, or to bring it up in the `#django-dev` IRC channel.

2. **\*\*I'm sure my ticket is absolutely 100% perfect, can I mark it as RFC myself?\***

Short answer: No. It's always better to get another set of eyes on a ticket. If you're having trouble getting that second set of eyes, see question 1, above.

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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
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# 1.417 Ixml 4.2.4

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Written by: Philip Hazel  
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# 1.434 rsyslog 8.22.0

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## 1.435 elliptic 6.4.1

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## 1.445 backbone.marionette 3.4.4

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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

```

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charset=UTF-8" /><title>33.12.Notice Processing</title><link rel="stylesheet" type="text/css" href="stylesheet.css"
/><link rev="made" href="pgsql-docs@postgresql.org" /><meta name="generator" content="DocBook XSL
Stylesheets V1.79.1" /><link rel="prev" href="libpq-misc.html" title="33.11.Miscellaneous Functions" /><link
rel="next" href="libpq-events.html" title="33.13.Event System" /></head><body><div
xmlns="http://www.w3.org/TR/xhtml1/transitional" class="navheader"><table width="100%"
summary="Navigation header"><tr><th colspan="5" align="center">33.12.Notice Processing</th></tr><tr><td
width="10%" align="left"><a accesskey="p" href="libpq-misc.html" title="33.11.Miscellaneous
Functions">Prev</td><td width="10%" align="left"><a accesskey="u" href="libpq.html"
title="Chapter33.libpq - C Library">Up</td><th width="60%" align="center">Chapter33.libpq - C Library</th><td width="10%"
align="right">Home</td><td
width="10%" align="right"><a accesskey="n" href="libpq-events.html" title="33.13.Event
System">Next</td></tr></table><hr></hr></div><div class="sect1" id="LIBPQ-NOTICE-
PROCESSING"><div class="titlepage"><div><div><h2 class="title" style="clear: both">33.12.Notice
Processing</h2></div></div></div><p> Notice and warning
messages generated by the server are not returned
by the query execution functions, since they do not imply failure of
the query. Instead they are passed to a notice handling function, and
execution continues normally after the handler returns. The default
notice handling function prints the message on
<code class="filename">stderr</code>, but the application can override this
behavior by supplying its own handling function.
</p><p> For historical reasons, there are two levels of notice handling, called
the notice receiver and notice processor. The default behavior is for
the notice receiver to format the notice and pass a string to the notice
processor for printing. However, an application that chooses to provide
its own notice receiver will typically ignore the notice processor
layer and just do all the work in the notice receiver.
</p><p> The function <code class="function">PQsetNoticeReceiver</code>

 sets or
examines the current notice receiver for a connection object.
Similarly, <code class="function">PQsetNoticeProcessor</code>

 sets or
examines the current notice processor.
</p><pre class="synopsis">typedef void (*PQnoticeReceiver) (void *arg, const PGresult *res);

```

```

PQnoticeReceiver
PQsetNoticeReceiver(PGconn *conn,
 PQnoticeReceiver proc,
 void *arg);

```

```

typedef void (*PQnoticeProcessor) (void *arg, const char *message);

```



PQnoticeProcessor

```
PQsetNoticeProcessor(PGconn *conn,
 PQnoticeProcessor proc,
 void *arg);
```

Each of these functions returns the previous notice receiver or processor function pointer, and sets the new value. If you supply a null function pointer, no action is taken, but the current pointer is returned.

When a notice or warning message is received from the server, or generated internally by `libpq`, the notice receiver function is called. It is passed the message in the form of a `PGRES_NONFATAL_ERROR` `PGresult`. (This allows the receiver to extract individual fields using `PQresultErrorField`, or obtain a complete preformatted message using `PQresultErrorMessage` or `PQresultVerboseErrorMessage`.) The same void pointer passed to `PQsetNoticeReceiver` is also passed. (This pointer can be used to access application-specific state if needed.)

The default notice receiver simply extracts the message (using `PQresultErrorMessage`) and passes it to the notice processor.

The notice processor is responsible for handling a notice or warning message given in text form. It is passed the string text of the message (including a trailing newline), plus a void pointer that is the same one passed to `PQsetNoticeProcessor`. (This pointer can be used to access application-specific state if needed.)

The default notice processor is simply:

```
static void
defaultNoticeProcessor(void *arg, const char *message)
{
 fprintf(stderr, "%s", message);
}
```

Once you have set a notice receiver or processor, you should expect that that function could be called as long as either the `PGconn` object or `PGresult` objects made from it exist. At creation of a `PGresult`, the `PGconn`'s current notice handling pointers are copied into the `PGresult` for possible use by functions like `PQgetvalue`.

---

|                                |                      |                      |
|--------------------------------|----------------------|----------------------|
| <a href="#">Prev</a>           |                      | <a href="#">Next</a> |
| 33.11. Miscellaneous Functions |                      |                      |
|                                | <a href="#">Home</a> | 33.13. Event System  |

# 1.458 icss-replace-symbols 1.1.0

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jclouds docker API

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# 1.461 readdirp 2.1.0

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## 1.464 regenerate 1.3.3

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# 1.474 django-import-export 1.0.1

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