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Mersenne Twister

The `_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>

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

Sockets

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

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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

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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 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

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pysocks 1.6.8

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urllib3 1.24.1

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idna 2.7

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simpleJSON

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Version	3.16.1

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Apache 2.0

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dropwizard-jackson 1.2.5
dropwizard-validation 1.2.5
dropwizard-configuration 1.2.5
dropwizard-logging 1.2.5
dropwizard-metrics 1.2.5
dropwizard-jersey 1.2.5
dropwizard-servlets 1.2.5
dropwizard-jetty 1.2.5
dropwizard-lifecycle 1.2.5
dropwizard-logging 1.2.5
dropwizard-request-logging 1.2.5
metrics-core 3.2.5
metrics-jvm 3.2.5
metrics-servlets 3.2.5
metrics-healthchecks 3.2.5
metrics-logback 3.2.5
metrics-jetty9 3.2.5
metrics-jersey2 3.2.5
metrics-annotations 3.2.5
jsr305 3.0.2
jsr305 1.3.9
guava 23.1-jre
guava 23.5-jre
joda-time 2.9.9
jackson-annotations 2.9.5
jackson-core 2.9.5
jackson-databind 2.9.5
jackson-datatype-guava 2.9.5
jackson-datatype-jsr310 2.9.5
jackson-datatype-jdk8 2.9.5
jackson-datatype-joda 2.9.5
jackson-dataformat-yaml 2.9.5
jackson-module-afterburner 2.9.5
jackson-module-parameter-names 2.9.5
jackson-jaxrs-json-provider 2.9.5
jackson-jaxrs-base 2.9.5
hibernate-validator 5.4.2Final
classmate 1.3.1

validation-api 1.1.0Final
commons-lang3 3.6
snakeyaml 1.17
javax.inject 1
error_prone_annotations 2.0.18
j2objc-annotations 1.1
profiler 1.0.2
MIT
argparse4j 0.7.0
slf4j-api 1.7.25
slf4j-api 1.7.25
jul-to-slf4j 1.7.25
jcl-over-slf4j 1.7.25
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jetty-util 9.4.8.v20171121
jetty-http 9.4.8.v20171121
jetty-io 9.4.8.v20171121
jetty-webapp 9.4.8.v20171121
jetty-continuation 9.4.8.v20171121
jetty-xml 9.4.8.v20171121
jetty-servlet 9.4.8.v20171121
jetty-security 9.4.7.v20170914
jetty-servlets 9.4.8.v20171121
EPL 1.0 + LGPL 2.1
logback-core 1.2.3
logback-classic 1.2.3
logback-classic 1.1.10
logback-core 1.1.10
logback-access 1.2.3
Apache 2.0 + CC0 1.0 Public
jboss-logging 3.3.0Final
Apache 2.0 + MIT
log4j-over-slf4j 1.7.24
animal-sniffer-annotations 1.14

Apache 2.0 + LGPL 2.1 + MPI 1.1

javassist 3.21.0-GA

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argparse4j 0.7.0

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slf4j-api 1.7.24

slf4j-api 1.7.22

jul-to-slf4j 1.7.24

jcl-over-slf4j 1.7.24

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hsqldb

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pytz

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

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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

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Original location:

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

Solution inspired by code from:

Samuel Neves (supercop/crypto_auth/siphhash24/little)

djb (supercop/crypto_auth/siphhash24/little2)

Jean-Philippe Aumasson (<https://131002.net/siphhash/siphhash24.c>)

strtod and dtoa

The 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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Jean-loup Gailly Mark Adler

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cfuhash

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

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idna

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pytest

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pytz

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readme_renderer

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six

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Version	1.12.0

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Version	1.1.31

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debuginfo-install.py
find-repos-of-install.py
needs-restarting.py
repo-check.py
repo-graph.py
repo-rss.py
reproclosure.py
repo-diff.py
repo manage.py
repoquery.py
reposync.py
repotrack.py
show-changed-rco.py
verifytree.py
yum-builddep.py
yum-complete-transaction.py
yum-debug-dump.py
yum-debug-restore.py
yum-util-cli-template
yumdownloader.py
yum v3.4.3
yum/callback.py
yum/cli.py
yum/yum-updatesd.py
yum/yumcommands.py
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