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Cloud Infrastructure

Licensing Information User Manual for  
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log4j-couchdb  
log4j-distribution  
log4j-flume-ng  
log4j-iostreams  
log4j-jcl  
log4j-jdbc-dbcp2  
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log4j-jpa  
log4j-jul  
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log4j-mongodb3  
log4j-osgi  
log4j-perf  
log4j-samples  
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1.5. "Executable"
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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)  
or init_by_array(init_key, key_length).
```

```
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Any feedback is very welcome.  
<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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Floating point exception control

---

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## MD5 message digest algorithm

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

```
2002-04-13 lpd Removed support for non-ANSI compilers; removed
      references to Ghostscript; clarified derivation from RFC 1321;
      now handles byte order either statically or dynamically.
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5);
      added conditionalization for C++ compilation from Martin
      Purschke <purschke@bnl.gov>.
1999-05-03 lpd Original version.
```

Asynchronous socket services

---

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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  
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- Arguments more compliant with Python standard

### XML Remote Procedure Calls

---

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```
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-----
```

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```
Select kqueue
```

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```

```
strtod and dtoa
```

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zlib

----

The :mod:`zlib` extension is built using an included copy of the zlib  
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# Original version written by Greg Stein (gstein@lyra.org)
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