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

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

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1.6	1.5.2	2000	CN	RI	no
2.0	1.6	2000	BeO	pen.com	m no
1.6.1	1.6	2001	CNI	RI	yes (2)
2.1	2.0+1.6	.1 200	1 P.	SF	no
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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

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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 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 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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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 n	0		
1.6.1	1.6	2001	CNRI	yes	(2)		
2.1	2.0+1.6.	1 2001	PSF	no			
2.0.1	2.0+1.6	5.1 2001	PSF	ye	s		
2.1.1	2.1 + 2.0	.1 2001	PSF	ye	s		
2.1.2	2.1.1	2002	PSF	yes			
2.1.3	2.1.2	2002	PSF	yes			
2.2 and above 2.1.1 2001-now PSF yes							

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i		co	compatible? (1)			
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1.3 thru 1.	5.2 1.2	1995	5-1999 <b>(</b>	CNRI	yes	
1.6	1.5.2	2000	CNRI	no		
2.0	1.6	2000	BeOpe	en.com i	10	
1.6.1	1.6	2001	CNRI	yes	(2)	
2.1	2.0+1.6	.1 2001	PSF	no		
2.0.1	2.0+1.6	5.1 2001	I PSF	F ye	es	
2.1.1	2.1+2.0	0.1 2001	I PSF	F ye	es	
2.1.2	2.1.1	2002	PSF	yes		
2.1.3	2.1.2	2002	PSF	yes		
2.2 and above 2.1.1 2001-now PSF yes						

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