# Licensing Information User Manual MySQL NDB Cluster 7.6.31 Community

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## dtoa.c

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# md5 (Message-Digest Algorithm 5)

md5 (Message-Digest Algorithm 5)

This code implements the MD5 message-digest algorithm. The algorithm is due to Ron Rivest. This code was written by Colin Plumb in 1993, no copyright is claimed. This code is in the public domain; do with it what you wish.

Equivalent code is available from RSA Data Security, Inc. This code has been tested against that, and is equivalent, except that you don't need to include two pages of legalese with every copy.

The code has been modified by Mikael Ronstroem to handle calculating a hash value of a key that is always a multiple of 4 bytes long. Word 0 of the calculated 4-word hash value is returned as the hash value.

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# Percona Multiple I/O Threads Patch

```
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# Python Cryptography Toolkit (PyCrypto)

Previously, the copyright and/or licensing status of the Python Cryptography Toolkit ("PyCrypto") had been somewhat ambiguous. The original intention of Andrew M. Kuchling and other contributors has been to dedicate PyCrypto to the public domain, but that intention was not necessarily made clear in the original disclaimer (see LEGAL/copy/LICENSE.orig).

Additionally, some files within PyCrypto had specified their own licenses that differed from the PyCrypto license itself. For example, the original RIPEMD.c module simply had a copyright statement and warranty disclaimer, without clearly specifying any license terms. (An updated version on the author's website came with a license that contained a GPL-incompatible advertising clause.)

To rectify this situation for PyCrypto 2.1, the following steps have been taken:

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- Replacing some modules with clearly-licensed code from other sources (e.g. the DES and DES3 modules were replaced with new ones based on Tom St. Denis's public-domain LibTomCrypt library).
- Replacing some modules with code written from scratch (e.g. the RIPEMD and Blowfish modules were re-implemented from their respective algorithm specifications without reference to the old implementations).
- 4. Removing some modules altogether without replacing them.

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## SHA-1 in C

SHA-1 in C
By Steve Reid <steve@edmweb.com>
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Oracle gratefully acknowledges the contributions of Jean-loup Gailly and Mark Adler in creating the zlib general purpose compression library which is used in this product.

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