

e-md5: Small MD5-hash Utility

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1 Introduction

e-md5 is a small program that computes MD5 checksums of command-line strings or file contents. The usage is very simple and basic:

- When invoked as `e-md5 file [file...]`, all files are examined and their checksum is shown.
- When invoked as `e-md5 -,stdin` is read and the checksum of the data is shown.
- When invoked as `e-md5 string [string...]`, the checksum of the command-line strings (text parts) is shown.

The computation of multiple checksums is always 'restarted' between runs. That means that e.g., an invocation `e-md5 hello world`, will compute the MD5-sum of the second string `world` without using the hash-results of the first string, `hello`.

2 Obtaining and installing e-md5

e-md5 can be obtained at <http://public.e-tunity.com>. e-md5 comes as an archive `e-md5.tar.gz`.

After unpacking the archive, `chdir` into the created directory `e-md5`.

The following environment variables are relevant when building e-md5:

- `EBINDIR`, the directory where `make install` will place the program,
- `EINCDIR`, the directory where the header file `e-lib.h` is expected,
- `ELIBDIR`, the directory where the library `libe.so` is expected.

The required library e-lib can also be obtained at <http://public.e-tunity.com>.

The compilation and installation are simple:

- `make` constructs the program,
- `make install` installs it,
- `make clean` removes intermediate files.

Alternatively, e-md5 can be obtained as a ready-to-install RPM. The required RPM is also at <http://public.e-tunity.com>.