Rocky Enterprise Linux 9.2 Manual Pages on command 'mcookie.1'

$ man mcookie.1

MCOOKIE(1)   User Commands   MCOOKIE(1)

NAME

   mcookie - generate magic cookies for xauth

SYNOPSIS

   mcookie [options]

DESCRIPTION

   mcookie generates a 128-bit random hexadecimal number for use with the X authority system.

   Typical usage:

     xauth add :0 . mcookie

   The "random" number generated is actually the MD5 message digest of random information

   coming from one of the sources getrandom(2) system call, /dev/urandom, /dev/random, or the

   libc pseudo-random functions, in this preference order. See also the option --file.

OPTIONS

   -f, --file file

     Use this file as an additional source of randomness (for example /dev/urandom). When

     file is '-', characters are read from standard input.

   -m, --max-size number

     Read from file only this number of bytes. This option is meant to be used when reading

     additional randomness from a file or device.

     The number argument may be followed by the multiplicative suffixes KiB=1024,

     MiB=1024*1024, and so on for GiB, TiB, PiB, EiB, ZiB and YiB (the "iB" is optional,

     e.g., "K" has the same meaning as "KiB") or the suffixes KB=1000, MB=1000*1000, and so

     on for GB, TB, PB, EB, ZB and YB.

-v, --verbose

   Inform where randomness originated, with amount of entropy read from each source.

-V, --version

   Display version information and exit.

-h, --help

   Display help text and exit.

FILES

   /dev/urandom

   /dev/random

BUGS

   It is assumed that none of the randomness sources will block.

SEE ALSO

   md5sum(1), X(7), xauth(1), rand(3)

REPORTING BUGS

   For bug reports, use the issue tracker at https://github.com/karelzak/util-linux/issues.

AVAILABILITY

   The mcookie command is part of the util-linux package which can be downloaded from Linux

   Kernel Archive <https://www.kernel.org/pub/linux/utils/util-linux/>.

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