Rocky Enterprise Linux 9.2 Manual Pages on command 'cbrt.3'

$ man cbrt.3

CBRT(3)   Linux Programmer's Manual   CBRT(3)

NAME

   cbrt, cbrtf, cbrtl - cube root function

SYNOPSIS

   #include <math.h>

   double cbrt(double x);

   float cbrtf(float x);

   long double cbrtl(long double x);

   Link with -lm.

  Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

   cbrt():

      _ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L

        || _XOPEN_SOURCE >= 500

        || /* Since glibc 2.19: */ _DEFAULT_SOURCE

        || /* Glibc versions <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE

   cbrtf(), cbrtl():

      _ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L

        || /* Since glibc 2.19: */ _DEFAULT_SOURCE

        || /* Glibc versions <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE

DESCRIPTION

   These functions return the (real) cube root of x. This function cannot fail; every repre?

   sentable real value has a representable real cube root.

RETURN VALUE

These functions return the cube root of x.

If x is +0, -0, positive infinity, negative infinity, or NaN, x is returned.

ERRORS

No errors occur.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

??
?Interface   ? Attribute   ? Value   ?
??
?cbrt(), cbrtf(), cbrtl() ? Thread safety ? MT-Safe ?
??

CONFORMING TO

C99, POSIX.1-2001, POSIX.1-2008.

SEE ALSO

pow(3), sqrt(3)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the
project, information about reporting bugs, and the latest version of this page, can be
found at https://www.kernel.org/doc/man-pages/.