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

$ man fabsf.3

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

NAME

   fabs, fabsf, fabsl - absolute value of floating-point number

SYNOPSIS

   #include <math.h>

   double fabs(double x);

   float fabsf(float x);

   long double fabsl(long double x);

   Link with -lm.

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

   fabsf(), fabsl():

      _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 absolute value of the floating-point number x.

RETURN VALUE

   These functions return the absolute value of x.

   If x is a NaN, a NaN is returned.

   If x is -0, +0 is returned.

   If x is negative infinity or positive infinity, positive infinity is returned.

ERRORS

   No errors occur.

ATTRIBUTES

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

Interface	Attribute	Value
fabs(), fabsf(), fabsl()	Thread safety	MT-Safe

CONFORMING TO

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

The variant returning double also conforms to SVr4, 4.3BSD, C89.

SEE ALSO

abs(3), cabs(3), ceil(3), floor(3), labs(3), rint(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/.

<div align="center">2017-09-15   FABS(3)</div>