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

$ man significandf.3

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

NAME

significand, significandf, significandl - get mantissa of floating-

point number

SYNOPSIS

#include <math.h>

double significand(double x);

float significandf(float x);

long double significandl(long double x);

Link with -lm.

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

significand(), significandf(), significandl():

/* Since glibc 2.19: */ _DEFAULT_SOURCE

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

DESCRIPTION

These functions return the mantissa of x scaled to the range [1,2).

They are equivalent to

scalb(x, (double) -ilogb(x))

This function exists mainly for use in certain standardized tests for IEEE 754 conformance.

ATTRIBUTES

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

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?Interface	? Attribute	? Value	?
?significand(),	? Thread safety	? MT-Safe	?
?significandf(), ?	?	?	
?significandl() ?	?	?	

??

CONFORMING TO

These functions are nonstandard; the double version is available on a number of other systems.

SEE ALSO

ilogb(3), scalb(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/.

GNU   2017-09-15   SIGNIFICAND(3)