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 confor?

    mance.

ATTRIBUTES

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

    ??

    ?Interface   ? Attribute   ? Value   ?

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??????????????????????????????????????????????
?significand(),  ? Thread safety ? MT-Safe ?
?significandf(), ?            ?      ?
?significandl()  ?            ?      ?
??????????????????????????????????????????????
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CONFORMING TO

These functions are nonstandard; the double version is available on a number of other sys?

tems.

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/.

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