Red Hat Enterprise Linux Release 9.2 Manual Pages on 'crealf.3' command

$ man crealf.3

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

NAME

    creal, crealf, creall - get real part of a complex number

SYNOPSIS

    #include <complex.h>

    double creal(double complex z);

    float crealf(float complex z);

    long double creall(long double complex z);

    Link with -lm.

DESCRIPTION

    These functions return the real part of the complex number z.

    One has:

      z = creal(z) + I * cimag(z)

VERSIONS

    These functions first appeared in glibc in version 2.1.

ATTRIBUTES

    For an explanation of the terms used in this section, see at?

    tributes(7).

    ??

    ?Interface   ? Attribute   ? Value   ?

    ??

    ?creal(), crealf(), creall() ? Thread safety ? MT-Safe ?

    ??

CONFORMING TO

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

NOTES

The gcc supports also __real__. That is a GNU extension.

SEE ALSO

cabs(3), cimag(3), complex(7)

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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