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

\$ **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 -Im.

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 attributes(7).

?Interface ? Attribute ? Value ?

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

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/>.

2015-04-19

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