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

\$ man conj.3

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

NAME

conj, conjf, conjl - calculate the complex conjugate

SYNOPSIS

```
#include <complex.h>

double complex conj(double complex z);

float complex conjf(float complex z);

long double complex conjl(long double complex z);

Link with -lm.
```

DESCRIPTION

These functions return the complex conjugate value of z. That is the value obtained by changing the sign of the imaginary part.

One has:

$$\text{cabs}(z) = \text{csqrt}(z * \text{conj}(z))$$

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 ?

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?conj(), conjf(), conjl() ? Thread safety ? MT-Safe ?

??

CONFORMING TO

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

SEE ALSO

`cabs(3)`, `csqrt(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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