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:

cabs(z) = csqrt(z * 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
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 5.02 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/.