NAME

ctan, ctanf, ctanl − complex tangent function

SYNOPSIS

#include <complex.h>

double complex ctan(double complex *z***);**
float complex ctanf(float complex *z***);**
long double complex ctanl(long double complex *z***);**

Link with −*lm*.

DESCRIPTION

These functions calculate the complex tangent of *z*.

The complex tangent function is defined as:

ctan(z) = csin(z) / ccos(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
ctan(), **ctanf**(), **ctanl**()	Thread safety	MT-Safe

CONFORMING TO

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

SEE ALSO

cabs(3), **catan**(3), **ccos**(3), **csin**(3), **complex**(7)

COLOPHON

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