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Linux Ubuntu 26.04 Manual Pages on command 'csinf.3'

$ man csinf.3

csin(3) Library Functions Manual csin(3)

NAME

csin, csinf, csinl - complex sine function

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#include <complex.h>

double complex csin(double complex z);

float complex csinf(float complex z);

long double complex csinl(long double complex z);
```

DESCRIPTION

These functions calculate the complex sine of z.

The complex sine function is defined as:

csin(z) = (exp(i * z) - exp(-i * z)) / (2 * i)

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

```
????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????
? Interface                                    ? Attribute     ? Value   ?
????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????
? csin(), csinf(), csinl()                     ? Thread safety ? MT-Safe ?
????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????????
```

STANDARDS

C11, POSIX.1-2008.

HISTORY

glibc 2.1. C99, POSIX.1-2001.

SEE ALSO

cabs(3), casin(3), ccos(3), ctan(3), complex(7)