NAME

    sin, **sinf**, **sinl** - sine functions

LIBRARY

    Math Library (libm, -lm)

SYNOPSIS

    #include <math.h>

    double
    sin(*double x*);

    float
    sinf(*float x*);

    long double
    sinl(*long double x*);

DESCRIPTION

    The **sin**(), **sinf**(), and **sinl**() functions compute the sine of *x* (measured in radians). A large magnitude argument may yield a result with little or no significance.

RETURN VALUES

    The **sin**(), **sinf**(), and **sinl**() functions return the sine value.

SEE ALSO

    acos(3), asin(3), atan(3), atan2(3), cos(3), cosh(3), csin(3), math(3), sinh(3), tan(3), tanh(3)

STANDARDS

    These functions conform to ISO/IEC 9899:1999 ("ISO C99").

HISTORY

    The **sin**() function first appeared in Version 1 AT&T UNIX.