NAME

fabs, **fabsf**, **fabsl** - floating-point absolute value functions

LIBRARY

Math Library (libm, -lm)

SYNOPSIS

#include <math.h>

double
fabs(*double x*);

float
fabsf(*float x*);

long double
fabsl(*long double x*);

DESCRIPTION

The **fabs**(), **fabsf**() and **fabsl**() functions compute the absolute value of a floating-point number *x*.

RETURN VALUES

The **fabs**(), **fabsf**() and **fabsl**() functions return the absolute value of *x*.

SEE ALSO

abs(3), ceil(3), floor(3), ieee(3), math(3), rint(3)

STANDARDS

The **fabs**() function conforms to ISO/IEC 9899:1990 ("ISO C90"). The **fabsf**() and **fabsl**() functions conform to ISO/IEC 9899:1999 ("ISO C99").