



## ***Linux Ubuntu 26.04 Manual Pages on command 'fabsf.3'***

### ***\$ man fabsf.3***

fabs(3)                      Library Functions Manual                      fabs(3)

#### NAME

fabs, fabsf, fabsl - absolute value of floating-point number

#### LIBRARY

Math library (libm, -lm)

#### SYNOPSIS

```
#include <math.h>

double fabs(double x);

float fabsf(float x);

long double fabsl(long double x);
```

Feature Test Macro Requirements for glibc (see feature\_test\_macros(7)):

```
fabsf(), fabsl():

    _ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
    || /* Since glibc 2.19: */ _DEFAULT_SOURCE
    || /* glibc <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE
```

#### DESCRIPTION

These functions return the absolute value of the floating-point number x.

#### RETURN VALUE

These functions return the absolute value of x.

If x is a NaN, a NaN is returned.

If x is -0, +0 is returned.

If x is negative infinity or positive infinity, positive infinity is returned.

#### ERRORS

## ATTRIBUTES

[illegible][illegible][illegible]

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