



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

\$ man scalbl.3

scalb(3) Library Functions Manual scalb(3)

NAME

scalb, scalbf, scalbl - scale by an integer power of radix (OBSOLETE)

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#include <math.h>

[[deprecated]] double scalb(double x, double e);

[[deprecated]] float scalbf(float x, float e);

[[deprecated]] long double scalbl(long double x, long double e);
```

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

```
scalb():

_XOPEN_SOURCE >= 500

|| /* Since glibc 2.19: */ _DEFAULT_SOURCE

|| /* glibc <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE
```

```
scalbf(), scalbl():

_XOPEN_SOURCE >= 600

|| /* Since glibc 2.19: */ _DEFAULT_SOURCE

|| /* glibc <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE
```

DESCRIPTION

These functions multiply their first argument x by FLT_RADIX (probably 2) to the power of e , that is:

$x * \text{FLT_RADIX}^{**e}$

