



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'scalbn.3' command

\$ man scalbn.3

SCALBLN(3) Linux Programmer's Manual SCALBLN(3)

NAME

scalbn, scalbnf, scalbni, scalbln, scalblnf, scalblni - multiply float?
ing-point number by integral power of radix

SYNOPSIS

```
#include <math.h>

double scalbn(double x, long exp);

float scalblnf(float x, long exp);

long double scalblni(long double x, long exp);

double scalbn(double x, int exp);

float scalbnf(float x, int exp);

long double scalbni(long double x, int exp);

Link with -lm.
```

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

```
scalbn(), scalblnf(), scalblni():

    _ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
    || /* Since glibc 2.19: */ _DEFAULT_SOURCE

scalbn(), scalbnf(), scalbni():

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

DESCRIPTION

These functions multiply their first argument x by FLT_RADIX (probably

