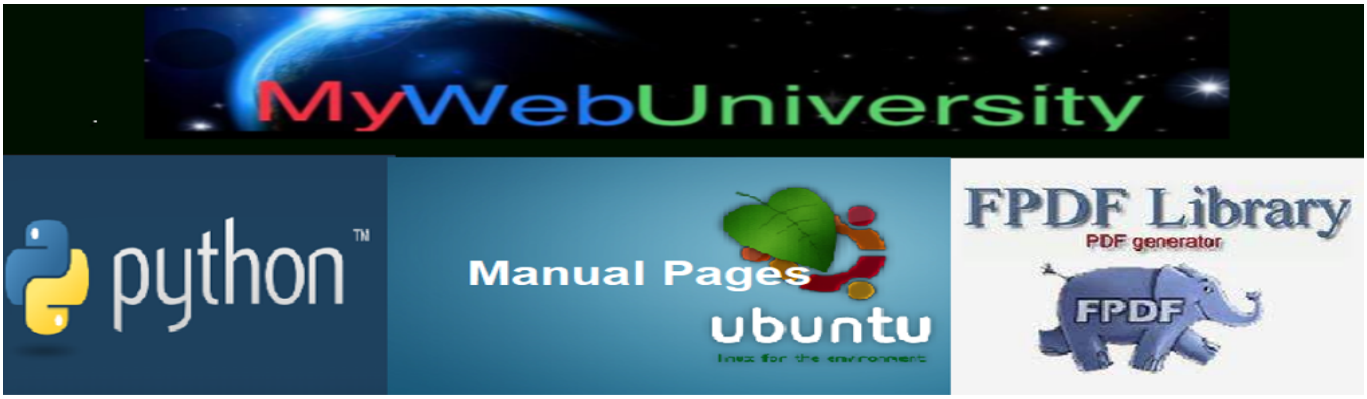

Rocky Enterprise Linux 9.2 Manual Pages on command 'exp10l.3'

$ man exp10l.3

EXP10(3) Linux Programmer's Manual EXP10(3)

NAME

exp10, exp10f, exp10l - base-10 exponential function

SYNOPSIS

```
#define _GNU_SOURCE         /* See feature_test_macros(7) */
#include <math.h>
double exp10(double x);
float exp10f(float x);
long double exp10l(long double x);
```

Link with -lm.

DESCRIPTION

These functions return the value of 10 raised to the power of x.

RETURN VALUE

On success, these functions return the base-10 exponential value of x.

For various special cases, including the handling of infinity and NaN, as well as over?flows and underflows, see exp(3).

ERRORS

See math_error(7) for information on how to determine whether an error has occurred when calling these functions.

For a discussion of the errors that can occur for these functions, see exp(3).

VERSIONS

These functions first appeared in glibc in version 2.1.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

??

?Interface ? Attribute ? Value ?

??

?exp10(), exp10f(), exp10l() ? Thread safety ? MT-Safe ?

??

CONFORMING TO

These functions are GNU extensions.

BUGS

Prior to version 2.19, the glibc implementation of these functions did not set errno to ERANGE when an underflow error occurred.

SEE ALSO

cbrt(3), exp(3), exp2(3), log10(3), sqrt(3)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at https://www.kernel.org/doc/man-pages/.