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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'fminf.3'***

#### ***\$ man fminf.3***

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

#### NAME

fmin, fminf, fminl - determine minimum of two floating-point numbers

#### SYNOPSIS

```
#include <math.h>
```

```
double fmin(double x, double y);
```

```
float fminf(float x, float y);
```

```
long double fminl(long double x, long double y);
```

Link with -lm.

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

```
fmin(), fminf(), fminl():
```

```
_ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
```

#### DESCRIPTION

These functions return the lesser value of x and y.

#### RETURN VALUE

These functions return the minimum of x and y.

If one argument is a NaN, the other argument is returned.

If both arguments are NaN, a NaN is returned.

## ERRORS

No errors occur.

## VERSIONS

These functions first appeared in glibc in version 2.1.

## ATTRIBUTES

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

??

?Interface ? Attribute ? Value ?

??

?fmin(), fminf(), fminl() ? Thread safety ? MT-Safe ?

??

## CONFORMING TO

C99, POSIX.1-2001, POSIX.1-2008.

## SEE ALSO

fdim(3), fmax(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/>.

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