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

$ man fflush.3

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

NAME

   fflush - flush a stream

SYNOPSIS

   #include <stdio.h>

   int fflush(FILE *stream);

DESCRIPTION

   For output streams, fflush() forces a write of all user-space buffered

   data for the given output or update stream via the stream's underlying

   write function.

   For input streams associated with seekable files (e.g., disk files, but

   not pipes or terminals), fflush() discards any buffered data that has

   been fetched from the underlying file, but has not been consumed by the

   application.

   The open status of the stream is unaffected.

   If the stream argument is NULL, fflush() flushes all open output

   streams.

   For a nonlocking counterpart, see unlocked_stdio(3).

RETURN VALUE

Upon successful completion 0 is returned. Otherwise, EOF is returned and errno is set to indicate the error.

ERRORS

EBADF stream is not an open stream, or is not open for writing.

The function fflush() may also fail and set errno for any of the errors specified for write(2).

ATTRIBUTES

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

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?????????????????????????????????????
?Interface ? Attribute    ? Value   ?
?????????????????????????????????????
?fflush()  ? Thread safety ? MT-Safe ?
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CONFORMING TO

C89, C99, POSIX.1-2001, POSIX.1-2008.

POSIX.1-2001 did not specify the behavior for flushing of input streams, but the behavior is specified in POSIX.1-2008.

NOTES

Note that fflush() flushes only the user-space buffers provided by the C library. To ensure that the data is physically stored on disk the kernel buffers must be flushed too, for example, with sync(2) or fsync(2).

SEE ALSO

fsync(2), sync(2), write(2), fclose(3), fileno(3), fopen(3), setbuf(3), unlocked_stdio(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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