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

$ man fileno.3

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

NAME

    clearerr, feof, ferror, fileno - check and reset stream status

SYNOPSIS

    #include <stdio.h>

    void clearerr(FILE *stream);

    int feof(FILE *stream);

    int ferror(FILE *stream);

    int fileno(FILE *stream);

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

    fileno(): _POSIX_C_SOURCE

DESCRIPTION

    The function clearerr() clears the end-of-file and error indicators for the stream pointed

    to by stream.

    The function feof() tests the end-of-file indicator for the stream pointed to by stream,

    returning nonzero if it is set. The end-of-file indicator can be cleared only by the

    function clearerr().

    The function ferror() tests the error indicator for the stream pointed to by stream, re?

    turning nonzero if it is set. The error indicator can be reset only by the clearerr()

    function.

    The function fileno() examines the argument stream and returns the integer file descriptor

    used to implement this stream. The file descriptor is still owned by stream and will be

    closed when fclose(3) is called. Duplicate the file descriptor with dup(2) before passing

it to code that might close it.

For nonlocking counterparts, see unlocked_stdio(3).

ERRORS

These functions should not fail and do not set the external variable errno. (However, in

case fileno() detects that its argument is not a valid stream, it must return -1 and set

errno to EBADF.)

ATTRIBUTES

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

???

?Interface   ? Attribute   ? Value   ?

???

?clearerr(), feof(), ? Thread safety ? MT-Safe ?

?ferror(), fileno() ?   ?   ?

???

CONFORMING TO

The functions clearerr(), feof(), and ferror() conform to C89, C99, POSIX.1-2001, and

POSIX.1-2008.

The function fileno() conforms to POSIX.1-2001 and POSIX.1-2008.

SEE ALSO

open(2), fdopen(3), stdio(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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