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*, returning 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 its integer file descriptor.
>
>   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**(), **ferror**(), **fileno**()	Thread safety	MT-Safe

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 4.09 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/.