



Linux Ubuntu 26.04 Manual Pages on command 'fileno.3'

\$ man fileno.3

fileno(3) Library Functions Manual fileno(3)

NAME

fileno - obtain file descriptor of a stdio stream

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <stdio.h>
```

```
int fileno(FILE *stream);
```

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

```
fileno():
```

```
    _POSIX_C_SOURCE
```

DESCRIPTION

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 the nonlocking counterpart, see `unlocked_stdio(3)`.

RETURN VALUE

On success, `fileno()` returns the file descriptor associated with `stream`. On failure, `-1` is returned and `errno` is set to indicate the error.

ERRORS

`EBADF` `stream` is not associated with a file.

ATTRIBUTES

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

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? Interface ? Attribute ? Value ?

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? fileno() ? Thread safety ? MT-Safe ?

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STANDARDS

POSIX.1-2008.

HISTORY

POSIX.1-2001.

SEE ALSO

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

Linux man-pages 6.17 2026-02-08 fileno(3)