



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

\$ man getdirentries.3

getdirentries(3) Library Functions Manual getdirentries(3)

NAME

getdirentries - get directory entries in a filesystem-independent format

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <dirent.h>
```

```
ssize_t getdirentries(size_t size;
                     int fd, char buf[restrict size], size_t size,
                     off_t *restrict basep);
```

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

getdirentries():

Since glibc 2.19:

```
_DEFAULT_SOURCE
```

glibc 2.19 and earlier:

```
_BSD_SOURCE || _SVID_SOURCE
```

DESCRIPTION

Read directory entries from the directory specified by fd into buf. At most size bytes are read. Reading starts at offset *basep, and *basep is updated with the new position after reading.

RETURN VALUE

getdirentries() returns the number of bytes read or zero when at the end of the directory.

If an error occurs, -1 is returned, and errno is set to indicate the error.

ERRORS

See the Linux library source code for details.

ATTRIBUTES

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

[illegible]

?	Interface	?	Attribute	?	Value	?
---	-----------	---	-----------	---	-------	---

[illegible]

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

[illegible]

STANDARDS

BSD.

NOTES

Use `opendir(3)` and `readdir(3)` instead.

SEE ALSO

```
lseek(2), open(2)
```

Linux man-pages 6.17

2026-02-08

```
getdirentries(3)
```