



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

\$ man endsent.3

getfsent(3) Library Functions Manual getfsent(3)

NAME

getfsent, getfsspec, getfsfile, setfsent, endsent - handle fstab entries

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <fstab.h>

int setfsent(void);

struct fstab *getfsent(void);

void endsent(void);

struct fstab *getfsfile(const char *mount_point);

struct fstab *getfsspec(const char *special_file);
```

DESCRIPTION

These functions read from the file /etc/fstab. The struct fstab is defined by:

```
struct fstab {
    char    *fs_spec;    /* block device name */
    char    *fs_file;    /* mount point */
    char    *fs_vfstype; /* filesystem type */
    char    *fs_mntops;  /* mount options */
    const char *fs_type; /* rw/rq/ro/sw/xx option */
    int     fs_freq;     /* dump frequency, in days */
    int     fs_passno;   /* pass number on parallel dump */
};
```

The `getfsfile()` function searches the file from the start and returns the first entry found for which the `fs` file field matches the `mount_point` argument.

NOTES

These functions are not thread-safe.

Since Linux allows mounting a block special device in several places, and since several devices can have the same mount point, where the last device with a given mount point is the interesting one, while `getfsfile()` and `getfsspec()` only return the first occurrence, these two functions are not suitable for use under Linux.

SEE ALSO

`getmntent(3)`, `fstab(5)`

Linux man-pages 6.17

2026-02-08

`getfsent(3)`