



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

\$ man fgetgrent.3

fgetgrent(3) Library Functions Manual fgetgrent(3)

NAME

fgetgrent - get group file entry

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

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

```
#include <sys/types.h>
```

```
#include <grp.h>
```

```
struct group *fgetgrent(FILE *stream);
```

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

fgetgrent():

Since glibc 2.19:

```
_DEFAULT_SOURCE
```

glibc 2.19 and earlier:

```
_SVID_SOURCE
```

DESCRIPTION

The `fgetgrent()` function returns a pointer to a structure containing the group information from the file referred to by `stream`. The first time it is called it returns the first entry; thereafter, it returns successive entries. The file referred to by `stream` must have the same format as `/etc/group` (see `group(5)`).

The group structure is defined in `<grp.h>` as follows:

```
struct group {
```

```

char *gr_name;    /* group name */

char *gr_passwd;  /* group password */

gid_t gr_gid;    /* group ID */

char **gr_mem;    /* NULL-terminated array of pointers
                    to names of group members */

```

```
};
```

RETURN VALUE

The `fgetgrent()` function returns a pointer to a group structure, or `NULL` if there are no more entries or an error occurs. In the event of an error, `errno` is set to indicate the error.

ERRORS

`ENOMEM` Insufficient memory to allocate group structure.

ATTRIBUTES

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

??

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

??

? <code>fgetgrent()</code>	? Thread safety	? MT-Unsafe race: <code>fgetgrent</code>	?
----------------------------	-----------------	--	---

??

STANDARDS

None.

HISTORY

SVr4.

SEE ALSO

`endgrent(3)`, `fgetgrent_r(3)`, `fopen(3)`, `getgrent(3)`, `getgrgid(3)`, `getgrnam(3)`, `putgrent(3)`,
`setgrent(3)`, `group(5)`