NAME
> fgetgrent − get group file entry

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 re-
> ferred to by *stream*. The first time it is called it returns the first entry; thereafter, it returns successive en-
> tries. 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 cause.

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 |
> |-----------|-----------|-------|
> | **fgetgrent**() | Thread safety | MT-Unsafe race:fgetgrent |

CONFORMING TO
> SVr4.

SEE ALSO
> **endgrent**(3), **fgetgrent_r**(3), **fopen**(3), **getgrent**(3), **getgrgid**(3), **getgrnam**(3), **putgrent**(3), **setgrent**(3),
> **group**(5)

COLOPHON
> This page is part of release 5.02 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/.