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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'fgetgrent.3' command**

**\$ man fgetgrent.3**

FGETGRENT(3)      Linux Programmer's Manual      FGETGRENT(3)

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 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 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
<code>fgetgrent()</code>	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

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