



### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'fgetgrent.3'***

#### ***\$ man fgetgrent.3***

FGETGMENT(3)      Linux Programmer's Manual      FGETGMENT(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 ?  
??  
?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 5.10 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

