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

C:\>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 in? formation from the file referred to by stream. The first time it is called it re? turns the first entry; thereafter, it returns successive entries. The file re? ferred 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), put? grent(3), setgrent(3), group(5)

COLOPHON

This page is part of release 5.05 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/.