



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

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

\$ man fgetpwent.3

FGETPWENT(3)

Linux Programmer's Manual

FGETPWENT(3)

NAME

fgetpwent - get password file entry

SYNOPSIS

```
#include <stdio.h>
#include <sys/types.h>
#include <pwd.h>
struct passwd *fgetpwent(FILE *stream);
```

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

fgetpwent():

Since glibc 2.19:

_DEFAULT_SOURCE

Glibc 2.19 and earlier:

_SVID_SOURCE

DESCRIPTION

The fgetpwent() function returns a pointer to a structure containing the broken out fields of a line in the file 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/passwd (see passwd(5)).

The passwd structure is defined in <pwd.h> as follows:

```
struct passwd {
    char *pw_name;    /* username */
    char *pw_passwd;  /* user password */
```

```
    uid_t  pw_uid;      /* user ID */  
  
    gid_t  pw_gid;      /* group ID */  
  
    char   *pw_gecos;    /* real name */  
  
    char   *pw_dir;      /* home directory */  
  
    char   *pw_shell;    /* shell program */  
  
};
```

RETURN VALUE

The `fgetpwent()` function returns a pointer to a `passwd` 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 passwd structure.

FILES

/etc/passwd

password database file

ATTRIBUTES

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

?Interface ? Attribute ? Value ?

?fgetpwent() ? Thread safety ? MT-Unsafe race:fgetpwent ?

CONFORMING TO

SVr4.

SEE ALSO

endpwent(3), fgetpwent_r(3), fopen(3), getpw(3), getpwent(3), getpwnam(3), getpwuid(3),
putpwent(3), setpwent(3), passwd(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 <https://www.kernel.org/doc/man-pages/>.