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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

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