

NAME

putpwent – write a password file entry

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

```
#include <stdio.h>
#include <sys/types.h>
#include <pwd.h>
```

```
int putpwent(const struct passwd *restrict p, FILE *restrict stream);
```

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

putpwent():

Since glibc 2.19:

 _DEFAULT_SOURCE

glibc 2.19 and earlier:

 _SVID_SOURCE

DESCRIPTION

The **putpwent()** function writes a password entry from the structure *p* in the file associated with *stream*.

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 **putpwent()** function returns 0 on success. On failure, it returns *-1*, and *errno* is set to indicate the error.

ERRORS**EINVAL**

Invalid (NULL) argument given.

ATTRIBUTES

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

Interface	Attribute	Value
putpwent()	Thread safety	MT-Safe locale

STANDARDS

SVr4.

SEE ALSO

endpwent(3), **fgetpwent(3)**, **getpw(3)**, **getpwent(3)**, **getpwnam(3)**, **getpwuid(3)**, **setpwent(3)**