

**NAME**

putpwent – write a password file entry

**SYNOPSIS**

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

```
int putpwent(const struct passwd *p, FILE *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, or  $-1$  if an error occurs. In the event of an error, *errno* is set to indicate the cause.

**ERRORS****EINVAL**

Invalid (NULL) argument given.

**ATTRIBUTES**

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

Interface	Attribute	Value
<b>putpwent()</b>	Thread safety	MT-Safe locale

**CONFORMING TO**

SVr4.

**SEE ALSO**

[endpwent\(3\)](#), [fgetpwent\(3\)](#), [getpw\(3\)](#), [getpwent\(3\)](#), [getpwnam\(3\)](#), [getpwuid\(3\)](#), [setpwent\(3\)](#)

**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/>.