

**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**

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