



*Full credit is given to the above companies including the OS that this PDF file was generated!*

## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'pwd.h.0p' command***

**\$ man pwd.h.0p**

pwd.h(0P)            POSIX Programmer's Manual            pwd.h(0P)

### PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

### NAME

pwd.h ? password structure

### SYNOPSIS

```
#include <pwd.h>
```

### DESCRIPTION

The <pwd.h> header shall define the struct passwd, structure, which shall include at least the following members:

```
char *pw_name    User's login name.
uid_t  pw_uid    Numerical user ID.
gid_t  pw_gid    Numerical group ID.
char *pw_dir    Initial working directory.
char *pw_shell  Program to use as shell.
```

The <pwd.h> header shall define the gid\_t, uid\_t, and size\_t types as described in <sys/types.h>.

The following shall be declared as functions and may also be defined as macros. Function prototypes shall be provided.

```
void        endpwent(void);
```

```
struct passwd *getpwent(void);

struct passwd *getpwnam(const char *);

int      getpwnam_r(const char *, struct passwd *, char *,
                  size_t, struct passwd **);

struct passwd *getpwuid(uid_t);

int      getpwuid_r(uid_t, struct passwd *, char *,
                  size_t, struct passwd **);

void     setpwent(void);
```

The following sections are informative.

#### APPLICATION USAGE

None.

#### RATIONALE

None.

#### FUTURE DIRECTIONS

None.

#### SEE ALSO

<sys\_types.h>

The System Interfaces volume of POSIX.1?2017, `endpwent()`, `getpwnam()`, `getpwuid()`

#### COPYRIGHT

Portions of this text are reprinted and reproduced in electronic form from IEEE Std 1003.1-2017, Standard for Information Technology -- Portable Operating System Interface (POSIX), The Open Group Base Specifications Issue 7, 2018 Edition, Copyright (C) 2018 by the Institute of Electrical and Electronics Engineers, Inc and The Open Group. In the event of any discrepancy between this version and the original IEEE and The Open Group Standard, the original IEEE and The Open Group Standard is the referee document. The original Standard can be obtained online at <http://www.opengroup.org/unix/online.html> .

Any typographical or formatting errors that appear in this page are most likely to have been introduced during the conversion of the source files to man page format. To report such errors, see [https://www.kernel.org/doc/man-pages/reporting\\_bugs.html](https://www.kernel.org/doc/man-pages/reporting_bugs.html) .

