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Rocky Enterprise Linux 9.2 Manual Pages on command 'gettyent.3'

\$ man gettyent.3

GETTTYENT(3) Linux Programmer's Manual GETTTYENT(3)

NAME

gettyent, gettynam, setttyent, endttyent - get ttys file entry

SYNOPSIS

```
#include <ttyent.h>

struct ttyent *getttyent(void);

struct ttyent *gettynam(const char *name);

int setttyent(void);

int endttyent(void);
```

DESCRIPTION

These functions provide an interface to the file `_PATH_TTYS` (e.g., `/etc/ttys`).

The function `setttyent()` opens the file or rewinds it if already open.

The function `endttyent()` closes the file.

The function `gettynam()` searches for a given terminal name in the file. It returns a pointer to a `ttyent` structure (description below).

The function `getttyent()` opens the file `_PATH_TTYS` (if necessary) and returns the first entry. If the file is already open, the next entry. The `ttyent` structure has the form:

```
struct ttyent {
    char *ty_name; /* terminal device name */
    char *ty_getty; /* command to execute, usually getty */
    char *ty_type; /* terminal type for termcap */
    int ty_status; /* status flags */
    char *ty_window; /* command to start up window manager */
}
```

```
char *ty_comment; /* comment field */
```

```
};
```

ty_status can be:

```
#define TTY_ON    0x01 /* enable logins (start ty_getty program) */
```

```
#define TTY_SECURE 0x02 /* allow UID 0 to login */
```

ATTRIBUTES

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

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?Interface	? Attribute	? Value	?
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?gettyent(), setttyent(), ? Thread safety ? MT-Unsafe race:ttyent ?

?endttyent(), getttynam()	?	?	?
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CONFORMING TO

Not in POSIX.1. Present on the BSDs, and perhaps other systems.

NOTES

Under Linux, the file /etc/ttys, and the functions described above, are not used.

SEE ALSO

ttynam(3), ttyslot(3)

COLOPHON

This page is part of release 5.10 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/>.