



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'getttynam.3' command

\$ man getttynam.3

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

NAME

getttyent, getttynam, setttyent, endttyent - get ttys file entry

SYNOPSIS

```
#include <ttyent.h>

struct ttyent *getttyent(void);

struct ttyent *getttynam(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 `getttynam()` 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 at?

tributes(7).

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?Interface ? Attribute ? Value ?

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?getttyent(), setttyent(), ? Thread safety ? MT-Unsafe race:ttyent ?

?endttyent(), getttyname() ? ? ?

??

CONFORMING TO

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

NOTES

Under Linux, the file /etc/ttyd, 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/>.