



Linux Ubuntu 26.04 Manual Pages on command 'getttynam.3'

\$ man getttynam.3

gettttyent(3) Library Functions Manual gettttyent(3)

NAME

gettttyent, getttynam, setttyent, endtttyent - get ttys file entry

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <ttyent.h>

struct ttyent *gettttyent(void);

struct ttyent *getttynam(const char *name);

int setttyent(void);

int endtttyent(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 `endtttyent()` 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 `gettttyent()` 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).

```
????????????????????????????????????????????????????????????????????????????????????
? Interface                ? Attribute  ? Value          ?
????????????????????????????????????????????????????????????????????????????????????
? gettyent(), settyent(), endttyent(),      ? Thread safety ? MT-Unsafe race:tyent ?
? gettynam()                  ?           ?           ?
????????????????????????????????????????????????????????????????????????????????????
```

STANDARDS

BSD.

NOTES

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

SEE ALSO

ttynam(3), ttyslot(3)

Linux man-pages 6.17 2026-02-08 gettyent(3)