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

$ man setttyent.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              ?
????????????????????????????????????????????????????????????????????
?getttyent(), setttyent(), ? Thread safety ? MT-Unsafe race:ttyent ?
?endttyent(), getttynam()  ?              ?                   ?
????????????????????????????????????????????????????????????????????
```

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

ttyname(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/.

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