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## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tty.1p' command***

***\$ man tty.1p***

TTY(1P) POSIX Programmer's Manual TTY(1P)

### 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

tty ? return user's terminal name

### SYNOPSIS

tty

### DESCRIPTION

The tty utility shall write to the standard output the name of the terminal that is open as standard input. The name that is used shall be equivalent to the string that would be returned by the ttyname() function defined in the System Interfaces volume of POSIX.1?2017.

### OPTIONS

The tty utility shall conform to the Base Definitions volume of POSIX.1?2017, Section 12.2, Utility Syntax Guidelines.

### OPERANDS

None.

### STDIN

While no input is read from standard input, standard input shall be examined to determine whether or not it is a terminal, and, if so, to de?

termine the name of the terminal.

## INPUT FILES

None.

## ENVIRONMENT VARIABLES

The following environment variables shall affect the execution of `tty`:

**LANG** Provide a default value for the internationalization variables that are unset or null. (See the Base Definitions volume of POSIX.1?2017, Section 8.2, Internationalization Variables for the precedence of internationalization variables used to determine the values of locale categories.)

**LC\_ALL** If set to a non-empty string value, override the values of all the other internationalization variables.

**LC\_CTYPE** Determine the locale for the interpretation of sequences of bytes of text data as characters (for example, single-byte as opposed to multi-byte characters in arguments).

### LC\_MESSAGES

Determine the locale that should be used to affect the format and contents of diagnostic messages written to standard error and informative messages written to standard output.

**NLSPATH** Determine the location of message catalogs for the processing of `LC_MESSAGES`.

## ASYNCHRONOUS EVENTS

Default.

## STDOUT

If standard input is a terminal device, a pathname of the terminal as specified by the `ttyname()` function defined in the System Interfaces volume of POSIX.1?2017 shall be written in the following format:

```
"%s\n", <terminal name>
```

Otherwise, a message shall be written indicating that standard input is not connected to a terminal. In the POSIX locale, the `tty` utility shall use the format:

```
"not a tty\n"
```

## STDERR

The standard error shall be used only for diagnostic messages.

## OUTPUT FILES

None.

## EXTENDED DESCRIPTION

None.

## EXIT STATUS

The following exit values shall be returned:

- 0 Standard input is a terminal.
- 1 Standard input is not a terminal.
- >1 An error occurred.

## CONSEQUENCES OF ERRORS

Default.

The following sections are informative.

## APPLICATION USAGE

This utility checks the status of the file open as standard input against that of an implementation-defined set of files. It is possible that no match can be found, or that the match found need not be the same file as that which was opened for standard input (although they are the same device).

## EXAMPLES

None.

## RATIONALE

None.

## FUTURE DIRECTIONS

None.

## SEE ALSO

The Base Definitions volume of POSIX.1?2017, Chapter 8, Environment Variables, Section 12.2, Utility Syntax Guidelines  
The System Interfaces volume of POSIX.1?2017, `isatty()`, `ttyname()`

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