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test for a terminal device

Prolog

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Synopsis

#include <unistd.h>

int isatty(int *fildes*);

Description

The *isatty*() function shall test whether *fildes*, an open file descriptor, is associated with a terminal device.

Return Value

The *isatty*() function shall return 1 if *fildes* is associated with a terminal; otherwise, it shall return 0 and may set *errno* to indicate the error.

Errors

The *isatty*() function may fail if:

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ENOTTY

The file associated with the *fildes* argument is not a terminal.

The following sections are informative.

Examples

None.

Application Usage

The *isatty*() function does not necessarily indicate that a human being is available for interaction via *fildes*. It is quite possible that non-terminal devices are connected to the communications line.

Rationale

None.

Future Directions

None.

See Also

The Base Definitions volume of POSIX.1-2017, <unistd.h>

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Referenced By

tty(1p), unistd.h(0p).

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