

**NAME**

isatty - test whether a file descriptor refers to a terminal

**SYNOPSIS**

```
#include <unistd.h>
```

```
int isatty(int fd);
```

**DESCRIPTION**

The **isatty()** function tests whether *fd* is an open file descriptor referring to a terminal.

**RETURN VALUE**

**isatty()** returns 1 if *fd* is an open file descriptor referring to a terminal; otherwise 0 is returned, and *errno* is set to indicate the error.

**ERRORS****EBADF**

*fd* is not a valid file descriptor.

**EINVAL**

*fd* refers to a file other than a terminal. POSIX.1-2001 specifies the error **ENOTTY** for this case.

**ATTRIBUTES****Multithreading (see pthreads(7))**

The **isatty()** function is thread-safe.

**CONFORMING TO**

SVr4, 4.3BSD, POSIX.1-2001.

**SEE ALSO**

[fstat\(2\)](#), [ttyname\(3\)](#)

**COLOPHON**

This page is part of release 3.74 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 <http://www.kernel.org/doc/man-pages/>.