NAME

isfdtype − test file type of a file descriptor

SYNOPSIS

#include <sys/stat.h>
#include <sys/socket.h>

int isfdtype(int *fd***, int** *fdtype***);**

Feature Test Macro Requirements for glibc (see **feature_test_macros**(7)):

isfdtype():
Since glibc 2.20:
_DEFAULT_SOURCE
Before glibc 2.20:
_BSD_SOURCE || _SVID_SOURCE

DESCRIPTION

The **isfdtype**() function tests whether the file descriptor *fd* refers to a file of type *fdtype*. The *fdtype* argument specifies one of the **S_IF*** constants defined in *<sys/stat.h>* and documented in **stat**(2) (e.g., **S_IFREG**).

RETURN VALUE

The **isfdtype**() function returns 1 if the file descriptor *fd* is of type *fdtype* and 0 if it is not. On error, -1 is returned and *errno* is set to indicate the cause.

ERRORS

The **isfdtype**() function can fail with any of the same errors as **fstat**(3).

CONFORMING TO

The **isfdtype**() function is not specified in any standard, but did appear in the draft POSIX.1g standard. It is present on OpenBSD and Tru64 UNIX (where the required header file in both cases is just *<sys/stat.h>*, as shown in the POSIX.1g draft), and possibly other systems.

NOTES

Portable applications should use **fstat**(3) instead.

SEE ALSO

fstat(3)

COLOPHON

This page is part of release 5.05 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/.