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

$ man isfdtype.3

ISFDTYPE(3)   Linux Programmer's Manual   ISFDTYPE(3)

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 fs‐
tat(3).

CONFORMING TO

The isfdtype() function is not specified in any standard, but did ap‐
pear 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 sys‐
tems.

NOTES

Portable applications should use fstat(3) instead.

SEE ALSO

fstat(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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