



Linux Ubuntu 26.04 Manual Pages on command 'isfdtype.3'

\$ man isfdtype.3

isfdtype(3) Library Functions Manual isfdtype(3)

NAME

isfdtype - test file type of a file descriptor

LIBRARY

Standard C library (libc, -lc)

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` type. 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 failure, -1 is returned and `errno` is set to indicate the error.

ERRORS

The `isfdtype()` function can fail with any of the same errors as `fstat(2)`.

VERSIONS

Portable applications should use `fstat(2)` instead.

STANDARDS

None.

HISTORY

It appeared 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).

SEE ALSO

`fstat(2)`

Linux man-pages 6.17

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`isfdtype(3)`