

JAVA.IO.FILEOUTPUTSTREAM.GETFD METHOD

http://www.tutorialspoint.com/java/io/fileoutputstream_getfd.htm

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Description

The **java.io.FileOutputStream.getFD** method returns the file descriptor associated with this stream.

Declaration

Following is the declaration for **java.io.FileOutputStream.getFD** method:

```
public final FileDescriptor getFD()
```

Parameters

- **NA**

Return Value

This method returns the file descriptor associated with this file output stream.

Exception

- **IOException** - if any I/O error occurs.

Example

The following example shows the usage of java.io.FileOutputStream.getFD method.

```
package com.tutorialspoint;

import java.io.FileDescriptor;
import java.io.FileOutputStream;
import java.io.IOException;

public class FileOutputStreamDemo {
    public static void main(String[] args) throws IOException {
        FileOutputStream fos = null;
        FileDescriptor fd = null;
        boolean bool = false;

        try{
            // create new file output stream
            fos=new FileOutputStream("C://test.txt");

            // get file descriptor instance
            fd = fos.getFD();

            // test if the file is valid
            bool = fd.valid();

            // print
            System.out.print("Is file valid? "+bool);

        }catch(Exception ex){
            // if an error occurs
            ex.printStackTrace();
        }finally{
            if(fos!=null)
                fos.close();
        }
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
Is file valid? true
```

```
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```