

JAVA.IO.FILEDESCRIPTOR CLASS

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

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Introduction

The **Java.io.FileDescriptor** class instances serve as an opaque handle to the underlying machine-specific structure representing an open file, an open socket, or another source or sink of bytes. Following are the important points about FileDescriptor:

- The main practical use for a file descriptor is to create a *FileInputStream* or *FileOutputStream* to contain it.
- Applications should not create their own file descriptors.

Class declaration

Following is the declaration for **Java.io.FileDescriptor** class:

```
public final class FileDescriptor
    extends Object
```

Field

Following are the fields for **Java.io.FileDescriptor** class:

- **static FileDescriptor err** -- This is the handle to the standard error stream.
- **static FileDescriptor in** -- This is the handle to the standard input stream.
- **static FileDescriptor out** -- This is the handle to the standard output stream.

Class constructors

S.N.	Constructor & Description
1	FileDescriptor This method constructs an <i>invalid</i> FileDescriptor object.

Class methods

S.N.	Method & Description
1	<u>void sync</u> This method force all system buffers to synchronize with the underlying device.
2	<u>boolean valid</u> This method tests if this file descriptor object is valid.

Methods inherited

This class inherits methods from the following classes:

- `java.io.Object`

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