# JAVA.IO.FILEWRITER CLASS

## Introduction

The **Java.io.FileWriter** class is a convenience class for writing character files.Following are the important points about FileWriter:

- The constructors of this class assume that the default character encoding and the default byte-buffer size are acceptable.

- FileWriter is meant for writing streams of characters. For writing streams of raw bytes, use *FileOutputStream*.

## Class declaration

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

```
public class FileWriter
    extends OutputStreamReader
```

## Field

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

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

## Class constructors

| S.N. | Constructor & Description |
|------|---------------------------|
| 1 | **FileWriter***Filefile* <br><br> This constructs a FileWriter object given a File object. |
| 2 | **FileWriter***Filefile, booleanappend* <br><br> This constructs a FileWriter object given a File object. |
| 3 | **FileWriter***FileDescriptorfd* <br><br> This constructs a FileWriter object associated with a file descriptor. |
| 4 | **FileWriter***StringfileName* <br><br> This constructs a FileWriter object given a file name. |
| 5 | **FileWriter***StringfileName, booleanappend* <br><br> This constructs a FileWriter object given a file name with a boolean indicating whether or not to append the data written. |

## Class Methods

This class inherits methods from the following classes:

- Java.io.OutputStreamWriter
- java.uti.Writer
- Java.io.Object

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