

# JAVA.IO.FILEREADER CLASS

## Introduction

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

- The constructors of this class assume that the default character encoding and the default byte-buffer size are appropriate.
- FileReader is meant for reading streams of characters. For reading streams of raw bytes, use *FileInputStream*.

## Class declaration

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

```
public class FileReader  
    extends InputStreamReader
```

## Field

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

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

## Class constructors

### S.N. Constructor & Description

1

**FileReader***Filefile*

This creates a new FileReader, given the File to read from.

2

**FileReader***FileDescriptorfile*

This creates a new FileReader, given the FileDescriptor to read from.

3

**FileReader***StringfileName*

This creates a new FileReader, given the name of the file to read from.

## Class Methods

This class inherits methods from the following classes:

- **Java.io.InputStreamReader**
- **java.uti.Reader**
- **java.io.Object**