| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileReader.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/io/FilePermission.html)   [**NEXT CLASS**](http://docs.google.com/java/io/FileWriter.html) | [**FRAMES**](http://docs.google.com/index.html?java/io/FileReader.html)    [**NO FRAMES**](http://docs.google.com/FileReader.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#17dp8vu) | METHOD |

## **java.io**

Class FileReader

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.io.Reader](http://docs.google.com/java/io/Reader.html)  
 [java.io.InputStreamReader](http://docs.google.com/java/io/InputStreamReader.html)  
 **java.io.FileReader**

**All Implemented Interfaces:** [Closeable](http://docs.google.com/java/io/Closeable.html), [Readable](http://docs.google.com/java/lang/Readable.html)

public class **FileReader**extends [InputStreamReader](http://docs.google.com/java/io/InputStreamReader.html)

Convenience class for reading character files. The constructors of this class assume that the default character encoding and the default byte-buffer size are appropriate. To specify these values yourself, construct an InputStreamReader on a FileInputStream.

FileReader is meant for reading streams of characters. For reading streams of raw bytes, consider using a FileInputStream.

**Since:** JDK1.1 **See Also:**[InputStreamReader](http://docs.google.com/java/io/InputStreamReader.html), [FileInputStream](http://docs.google.com/java/io/FileInputStream.html)

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class java.io.**[**Reader**](http://docs.google.com/java/io/Reader.html) |
| --- |
| [lock](http://docs.google.com/java/io/Reader.html#lock) |

| **Constructor Summary** | |
| --- | --- |
| [**FileReader**](http://docs.google.com/java/io/FileReader.html#FileReader(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a new FileReader, given the File to read from. |
| [**FileReader**](http://docs.google.com/java/io/FileReader.html#FileReader(java.io.FileDescriptor))([FileDescriptor](http://docs.google.com/java/io/FileDescriptor.html) fd)            Creates a new FileReader, given the FileDescriptor to read from. |
| [**FileReader**](http://docs.google.com/java/io/FileReader.html#FileReader(java.lang.String))([String](http://docs.google.com/java/lang/String.html) fileName)            Creates a new FileReader, given the name of the file to read from. |

| **Method Summary** | |
| --- | --- |

| **Methods inherited from class java.io.**[**InputStreamReader**](http://docs.google.com/java/io/InputStreamReader.html) |
| --- |
| [close](http://docs.google.com/java/io/InputStreamReader.html#close()), [getEncoding](http://docs.google.com/java/io/InputStreamReader.html#getEncoding()), [read](http://docs.google.com/java/io/InputStreamReader.html#read()), [read](http://docs.google.com/java/io/InputStreamReader.html#read(char%5B%5D,%20int,%20int)), [ready](http://docs.google.com/java/io/InputStreamReader.html#ready()) |

| **Methods inherited from class java.io.**[**Reader**](http://docs.google.com/java/io/Reader.html) |
| --- |
| [mark](http://docs.google.com/java/io/Reader.html#mark(int)), [markSupported](http://docs.google.com/java/io/Reader.html#markSupported()), [read](http://docs.google.com/java/io/Reader.html#read(char%5B%5D)), [read](http://docs.google.com/java/io/Reader.html#read(java.nio.CharBuffer)), [reset](http://docs.google.com/java/io/Reader.html#reset()), [skip](http://docs.google.com/java/io/Reader.html#skip(long)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### FileReader

public **FileReader**([String](http://docs.google.com/java/lang/String.html) fileName)  
 throws [FileNotFoundException](http://docs.google.com/java/io/FileNotFoundException.html)

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

**Parameters:**fileName - the name of the file to read from **Throws:** [FileNotFoundException](http://docs.google.com/java/io/FileNotFoundException.html) - if the named file does not exist, is a directory rather than a regular file, or for some other reason cannot be opened for reading.

### FileReader

public **FileReader**([File](http://docs.google.com/java/io/File.html) file)  
 throws [FileNotFoundException](http://docs.google.com/java/io/FileNotFoundException.html)

Creates a new FileReader, given the File to read from.

**Parameters:**file - the File to read from **Throws:** [FileNotFoundException](http://docs.google.com/java/io/FileNotFoundException.html) - if the file does not exist, is a directory rather than a regular file, or for some other reason cannot be opened for reading.

### FileReader

public **FileReader**([FileDescriptor](http://docs.google.com/java/io/FileDescriptor.html) fd)

Creates a new FileReader, given the FileDescriptor to read from.

**Parameters:**fd - the FileDescriptor to read from

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileReader.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/io/FilePermission.html)   [**NEXT CLASS**](http://docs.google.com/java/io/FileWriter.html) | [**FRAMES**](http://docs.google.com/index.html?java/io/FileReader.html)    [**NO FRAMES**](http://docs.google.com/FileReader.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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