| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileWriter.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/FileReader.html)   [**NEXT CLASS**](http://docs.google.com/java/io/FilterInputStream.html) | [**FRAMES**](http://docs.google.com/index.html?java/io/FileWriter.html)    [**NO FRAMES**](http://docs.google.com/FileWriter.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 FileWriter

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.io.Writer](http://docs.google.com/java/io/Writer.html)  
 [java.io.OutputStreamWriter](http://docs.google.com/java/io/OutputStreamWriter.html)  
 **java.io.FileWriter**

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

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

Convenience class for writing character files. The constructors of this class assume that the default character encoding and the default byte-buffer size are acceptable. To specify these values yourself, construct an OutputStreamWriter on a FileOutputStream.

Whether or not a file is available or may be created depends upon the underlying platform. Some platforms, in particular, allow a file to be opened for writing by only one FileWriter (or other file-writing object) at a time. In such situations the constructors in this class will fail if the file involved is already open.

FileWriter is meant for writing streams of characters. For writing streams of raw bytes, consider using a FileOutputStream.

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

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

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

| **Constructor Summary** | |
| --- | --- |
| [**FileWriter**](http://docs.google.com/java/io/FileWriter.html#FileWriter(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Constructs a FileWriter object given a File object. |
| [**FileWriter**](http://docs.google.com/java/io/FileWriter.html#FileWriter(java.io.File,%20boolean))([File](http://docs.google.com/java/io/File.html) file, boolean append)            Constructs a FileWriter object given a File object. |
| [**FileWriter**](http://docs.google.com/java/io/FileWriter.html#FileWriter(java.io.FileDescriptor))([FileDescriptor](http://docs.google.com/java/io/FileDescriptor.html) fd)            Constructs a FileWriter object associated with a file descriptor. |
| [**FileWriter**](http://docs.google.com/java/io/FileWriter.html#FileWriter(java.lang.String))([String](http://docs.google.com/java/lang/String.html) fileName)            Constructs a FileWriter object given a file name. |
| [**FileWriter**](http://docs.google.com/java/io/FileWriter.html#FileWriter(java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) fileName, boolean append)            Constructs a FileWriter object given a file name with a boolean indicating whether or not to append the data written. |

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

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

| **Methods inherited from class java.io.**[**Writer**](http://docs.google.com/java/io/Writer.html) |
| --- |
| [append](http://docs.google.com/java/io/Writer.html#append(char)), [append](http://docs.google.com/java/io/Writer.html#append(java.lang.CharSequence)), [append](http://docs.google.com/java/io/Writer.html#append(java.lang.CharSequence,%20int,%20int)), [write](http://docs.google.com/java/io/Writer.html#write(char%5B%5D)), [write](http://docs.google.com/java/io/Writer.html#write(java.lang.String)) |

| **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** |
| --- |

### FileWriter

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

Constructs a FileWriter object given a file name.

**Parameters:**fileName - String The system-dependent filename. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if the named file exists but is a directory rather than a regular file, does not exist but cannot be created, or cannot be opened for any other reason

### FileWriter

public **FileWriter**([String](http://docs.google.com/java/lang/String.html) fileName,  
 boolean append)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Constructs a FileWriter object given a file name with a boolean indicating whether or not to append the data written.

**Parameters:**fileName - String The system-dependent filename.append - boolean if true, then data will be written to the end of the file rather than the beginning. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if the named file exists but is a directory rather than a regular file, does not exist but cannot be created, or cannot be opened for any other reason

### FileWriter

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

Constructs a FileWriter object given a File object.

**Parameters:**file - a File object to write to. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if the file exists but is a directory rather than a regular file, does not exist but cannot be created, or cannot be opened for any other reason

### FileWriter

public **FileWriter**([File](http://docs.google.com/java/io/File.html) file,  
 boolean append)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Constructs a FileWriter object given a File object. If the second argument is true, then bytes will be written to the end of the file rather than the beginning.

**Parameters:**file - a File object to write toappend - if true, then bytes will be written to the end of the file rather than the beginning **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if the file exists but is a directory rather than a regular file, does not exist but cannot be created, or cannot be opened for any other reason**Since:** 1.4

### FileWriter

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

Constructs a FileWriter object associated with a file descriptor.

**Parameters:**fd - FileDescriptor object to write to.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileWriter.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/FileReader.html)   [**NEXT CLASS**](http://docs.google.com/java/io/FilterInputStream.html) | [**FRAMES**](http://docs.google.com/index.html?java/io/FileWriter.html)    [**NO FRAMES**](http://docs.google.com/FileWriter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#17dp8vu) | METHOD |

[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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