| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/nio/channels/FileChannel.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/nio/channels//class-useFileChannel.html)    [**NO FRAMES**](http://docs.google.com/FileChannel.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.nio.channels.FileChannel**

| Packages that use [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | |
| --- | --- |
| [**java.io**](#3znysh7) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.nio.channels**](#2et92p0) | Defines channels, which represent connections to entities that are capable of performing I/O operations, such as files and sockets; defines selectors, for multiplexed, non-blocking I/O operations. |

| Uses of [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
| --- | --- |

| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) that return [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | |
| --- | --- |
| [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | **RandomAccessFile.**[**getChannel**](http://docs.google.com/java/io/RandomAccessFile.html#getChannel())()            Returns the unique [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) object associated with this file. |
| [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | **FileOutputStream.**[**getChannel**](http://docs.google.com/java/io/FileOutputStream.html#getChannel())()            Returns the unique [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) object associated with this file output stream. |
| [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | **FileInputStream.**[**getChannel**](http://docs.google.com/java/io/FileInputStream.html#getChannel())()            Returns the unique [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) object associated with this file input stream. |

| Uses of [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) in [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) | |
| --- | --- |

| Methods in [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) that return [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | |
| --- | --- |
| [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | **FileLock.**[**channel**](http://docs.google.com/java/nio/channels/FileLock.html#channel())()            Returns the file channel upon whose file this lock is held. |
| abstract  [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | **FileChannel.**[**position**](http://docs.google.com/java/nio/channels/FileChannel.html#position(long))(long newPosition)            Sets this channel's file position. |
| abstract  [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | **FileChannel.**[**truncate**](http://docs.google.com/java/nio/channels/FileChannel.html#truncate(long))(long size)            Truncates this channel's file to the given size. |

| Constructors in [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) with parameters of type [FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) | |
| --- | --- |
| [**FileLock**](http://docs.google.com/java/nio/channels/FileLock.html#FileLock(java.nio.channels.FileChannel,%20long,%20long,%20boolean))([FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) channel, long position, long size, boolean shared)            Initializes a new instance of this class. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/nio/channels/FileChannel.html) | **Use** | [**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*** |
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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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