| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/nio/channels/SocketChannel.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-useSocketChannel.html)    [**NO FRAMES**](http://docs.google.com/SocketChannel.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.nio.channels.SocketChannel**

| Packages that use [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | |
| --- | --- |
| [**java.net**](#3znysh7) | Provides the classes for implementing networking applications. |
| [**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. |
| [**java.nio.channels.spi**](#tyjcwt) | Service-provider classes for the [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) package. |

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

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) that return [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | |
| --- | --- |
| [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | **Socket.**[**getChannel**](http://docs.google.com/java/net/Socket.html#getChannel())()            Returns the unique [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) object associated with this socket, if any. |

| Uses of [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.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 [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | |
| --- | --- |
| abstract  [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | **ServerSocketChannel.**[**accept**](http://docs.google.com/java/nio/channels/ServerSocketChannel.html#accept())()            Accepts a connection made to this channel's socket. |
| static [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | **SocketChannel.**[**open**](http://docs.google.com/java/nio/channels/SocketChannel.html#open())()            Opens a socket channel. |
| static [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | **SocketChannel.**[**open**](http://docs.google.com/java/nio/channels/SocketChannel.html#open(java.net.SocketAddress))([SocketAddress](http://docs.google.com/java/net/SocketAddress.html) remote)            Opens a socket channel and connects it to a remote address. |

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

| Methods in [java.nio.channels.spi](http://docs.google.com/java/nio/channels/spi/package-summary.html) that return [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | |
| --- | --- |
| abstract  [SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html) | **SelectorProvider.**[**openSocketChannel**](http://docs.google.com/java/nio/channels/spi/SelectorProvider.html#openSocketChannel())()            Opens a socket channel. |

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