| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/charset/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**java.nio.charset**

| Packages that use [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) | |
| --- | --- |
| [**java.io**](#3znysh7) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.lang**](#2et92p0) | Provides classes that are fundamental to the design of the Java programming language. |
| [**java.nio.channels**](#tyjcwt) | 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.charset**](#3dy6vkm) | Defines charsets, decoders, and encoders, for translating between bytes and Unicode characters. |
| [**java.nio.charset.spi**](#1t3h5sf) | Service-provider classes for the [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) package. |
| [**javax.tools**](#4d34og8) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |

| Classes in [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) used by [java.io](http://docs.google.com/java/io/package-summary.html) | |
| --- | --- |
| [**Charset**](http://docs.google.com/java/nio/charset/class-use/Charset.html#java.io)            A named mapping between sequences of sixteen-bit Unicode [code units](http://docs.google.com/java/lang/Character.html#unicode) and sequences of bytes. |
| [**CharsetDecoder**](http://docs.google.com/java/nio/charset/class-use/CharsetDecoder.html#java.io)            An engine that can transform a sequence of bytes in a specific charset into a sequence of sixteen-bit Unicode characters. |
| [**CharsetEncoder**](http://docs.google.com/java/nio/charset/class-use/CharsetEncoder.html#java.io)            An engine that can transform a sequence of sixteen-bit Unicode characters into a sequence of bytes in a specific charset. |

| Classes in [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) used by [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
| --- | --- |
| [**Charset**](http://docs.google.com/java/nio/charset/class-use/Charset.html#java.lang)            A named mapping between sequences of sixteen-bit Unicode [code units](http://docs.google.com/java/lang/Character.html#unicode) and sequences of bytes. |

| Classes in [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) used by [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) | |
| --- | --- |
| [**CharsetDecoder**](http://docs.google.com/java/nio/charset/class-use/CharsetDecoder.html#java.nio.channels)            An engine that can transform a sequence of bytes in a specific charset into a sequence of sixteen-bit Unicode characters. |
| [**CharsetEncoder**](http://docs.google.com/java/nio/charset/class-use/CharsetEncoder.html#java.nio.channels)            An engine that can transform a sequence of sixteen-bit Unicode characters into a sequence of bytes in a specific charset. |

| Classes in [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) used by [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) | |
| --- | --- |
| [**CharacterCodingException**](http://docs.google.com/java/nio/charset/class-use/CharacterCodingException.html#java.nio.charset)            Checked exception thrown when a character encoding or decoding error occurs. |
| [**Charset**](http://docs.google.com/java/nio/charset/class-use/Charset.html#java.nio.charset)            A named mapping between sequences of sixteen-bit Unicode [code units](http://docs.google.com/java/lang/Character.html#unicode) and sequences of bytes. |
| [**CharsetDecoder**](http://docs.google.com/java/nio/charset/class-use/CharsetDecoder.html#java.nio.charset)            An engine that can transform a sequence of bytes in a specific charset into a sequence of sixteen-bit Unicode characters. |
| [**CharsetEncoder**](http://docs.google.com/java/nio/charset/class-use/CharsetEncoder.html#java.nio.charset)            An engine that can transform a sequence of sixteen-bit Unicode characters into a sequence of bytes in a specific charset. |
| [**CoderResult**](http://docs.google.com/java/nio/charset/class-use/CoderResult.html#java.nio.charset)            A description of the result state of a coder. |
| [**CodingErrorAction**](http://docs.google.com/java/nio/charset/class-use/CodingErrorAction.html#java.nio.charset)            A typesafe enumeration for coding-error actions. |

| Classes in [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) used by [java.nio.charset.spi](http://docs.google.com/java/nio/charset/spi/package-summary.html) | |
| --- | --- |
| [**Charset**](http://docs.google.com/java/nio/charset/class-use/Charset.html#java.nio.charset.spi)            A named mapping between sequences of sixteen-bit Unicode [code units](http://docs.google.com/java/lang/Character.html#unicode) and sequences of bytes. |

| Classes in [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) used by [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |
| [**Charset**](http://docs.google.com/java/nio/charset/class-use/Charset.html#javax.tools)            A named mapping between sequences of sixteen-bit Unicode [code units](http://docs.google.com/java/lang/Character.html#unicode) and sequences of bytes. |

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

[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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