| | [**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/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**

| Packages that use [java.nio](http://docs.google.com/java/nio/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**](#tyjcwt) | Defines buffers, which are containers for data, and provides an overview of the other NIO packages. |
| [**java.nio.channels**](#3dy6vkm) | 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**](#1t3h5sf) | Defines charsets, decoders, and encoders, for translating between bytes and Unicode characters. |
| [**java.security**](#4d34og8) | Provides the classes and interfaces for the security framework. |
| [**javax.crypto**](#2s8eyo1) | Provides the classes and interfaces for cryptographic operations. |
| [**javax.imageio.stream**](#17dp8vu) | A package of the Java Image I/O API dealing with low-level I/O from files and streams. |
| [**javax.net.ssl**](#3rdcrjn) | Provides classes for the secure socket package. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [java.io](http://docs.google.com/java/io/package-summary.html) | |
| --- | --- |
| [**CharBuffer**](http://docs.google.com/java/nio/class-use/CharBuffer.html#java.io)            A character buffer. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
| --- | --- |
| [**ByteBuffer**](http://docs.google.com/java/nio/class-use/ByteBuffer.html#java.lang)            A byte buffer. |
| [**CharBuffer**](http://docs.google.com/java/nio/class-use/CharBuffer.html#java.lang)            A character buffer. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [java.nio](http://docs.google.com/java/nio/package-summary.html) | |
| --- | --- |
| [**Buffer**](http://docs.google.com/java/nio/class-use/Buffer.html#java.nio)            A container for data of a specific primitive type. |
| [**ByteBuffer**](http://docs.google.com/java/nio/class-use/ByteBuffer.html#java.nio)            A byte buffer. |
| [**ByteOrder**](http://docs.google.com/java/nio/class-use/ByteOrder.html#java.nio)            A typesafe enumeration for byte orders. |
| [**CharBuffer**](http://docs.google.com/java/nio/class-use/CharBuffer.html#java.nio)            A character buffer. |
| [**DoubleBuffer**](http://docs.google.com/java/nio/class-use/DoubleBuffer.html#java.nio)            A double buffer. |
| [**FloatBuffer**](http://docs.google.com/java/nio/class-use/FloatBuffer.html#java.nio)            A float buffer. |
| [**IntBuffer**](http://docs.google.com/java/nio/class-use/IntBuffer.html#java.nio)            An int buffer. |
| [**LongBuffer**](http://docs.google.com/java/nio/class-use/LongBuffer.html#java.nio)            A long buffer. |
| [**MappedByteBuffer**](http://docs.google.com/java/nio/class-use/MappedByteBuffer.html#java.nio)            A direct byte buffer whose content is a memory-mapped region of a file. |
| [**ShortBuffer**](http://docs.google.com/java/nio/class-use/ShortBuffer.html#java.nio)            A short buffer. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) | |
| --- | --- |
| [**ByteBuffer**](http://docs.google.com/java/nio/class-use/ByteBuffer.html#java.nio.channels)            A byte buffer. |
| [**MappedByteBuffer**](http://docs.google.com/java/nio/class-use/MappedByteBuffer.html#java.nio.channels)            A direct byte buffer whose content is a memory-mapped region of a file. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) | |
| --- | --- |
| [**ByteBuffer**](http://docs.google.com/java/nio/class-use/ByteBuffer.html#java.nio.charset)            A byte buffer. |
| [**CharBuffer**](http://docs.google.com/java/nio/class-use/CharBuffer.html#java.nio.charset)            A character buffer. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [java.security](http://docs.google.com/java/security/package-summary.html) | |
| --- | --- |
| [**ByteBuffer**](http://docs.google.com/java/nio/class-use/ByteBuffer.html#java.security)            A byte buffer. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) | |
| --- | --- |
| [**ByteBuffer**](http://docs.google.com/java/nio/class-use/ByteBuffer.html#javax.crypto)            A byte buffer. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [javax.imageio.stream](http://docs.google.com/javax/imageio/stream/package-summary.html) | |
| --- | --- |
| [**ByteOrder**](http://docs.google.com/java/nio/class-use/ByteOrder.html#javax.imageio.stream)            A typesafe enumeration for byte orders. |

| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) used by [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
| --- | --- |
| [**ByteBuffer**](http://docs.google.com/java/nio/class-use/ByteBuffer.html#javax.net.ssl)            A byte buffer. |

| | [**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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[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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