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

Hierarchy For Package java.nio

**Package Hierarchies:**[All Packages](http://docs.google.com/overview-tree.html)

## Class Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + java.nio.[**Buffer**](http://docs.google.com/java/nio/Buffer.html)
    - java.nio.[**ByteBuffer**](http://docs.google.com/java/nio/ByteBuffer.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
      * java.nio.[**MappedByteBuffer**](http://docs.google.com/java/nio/MappedByteBuffer.html)
    - java.nio.[**CharBuffer**](http://docs.google.com/java/nio/CharBuffer.html) (implements java.lang.[Appendable](http://docs.google.com/java/lang/Appendable.html), java.lang.[CharSequence](http://docs.google.com/java/lang/CharSequence.html), java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>, java.lang.[Readable](http://docs.google.com/java/lang/Readable.html))
    - java.nio.[**DoubleBuffer**](http://docs.google.com/java/nio/DoubleBuffer.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.nio.[**FloatBuffer**](http://docs.google.com/java/nio/FloatBuffer.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.nio.[**IntBuffer**](http://docs.google.com/java/nio/IntBuffer.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.nio.[**LongBuffer**](http://docs.google.com/java/nio/LongBuffer.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.nio.[**ShortBuffer**](http://docs.google.com/java/nio/ShortBuffer.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
  + java.nio.[**ByteOrder**](http://docs.google.com/java/nio/ByteOrder.html)
  + java.lang.[**Throwable**](http://docs.google.com/java/lang/Throwable.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Exception**](http://docs.google.com/java/lang/Exception.html)
      * java.lang.[**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html)
        + java.nio.[**BufferOverflowException**](http://docs.google.com/java/nio/BufferOverflowException.html)
        + java.nio.[**BufferUnderflowException**](http://docs.google.com/java/nio/BufferUnderflowException.html)
        + java.lang.[**IllegalStateException**](http://docs.google.com/java/lang/IllegalStateException.html)

java.nio.[**InvalidMarkException**](http://docs.google.com/java/nio/InvalidMarkException.html)

* + - * + java.lang.[**UnsupportedOperationException**](http://docs.google.com/java/lang/UnsupportedOperationException.html)

java.nio.[**ReadOnlyBufferException**](http://docs.google.com/java/nio/ReadOnlyBufferException.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**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**](http://docs.google.com/java/net/package-tree.html)   [**NEXT**](http://docs.google.com/java/nio/channels/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?java/nio/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.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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