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

**Uses of Class**

**java.nio.FloatBuffer**

| Packages that use [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | |
| --- | --- |
| [**java.nio**](#3znysh7) | Defines buffers, which are containers for data, and provides an overview of the other NIO packages. |

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

| Methods in [java.nio](http://docs.google.com/java/nio/package-summary.html) that return [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | |
| --- | --- |
| static [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**allocate**](http://docs.google.com/java/nio/FloatBuffer.html#allocate(int))(int capacity)            Allocates a new float buffer. |
| abstract  [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **ByteBuffer.**[**asFloatBuffer**](http://docs.google.com/java/nio/ByteBuffer.html#asFloatBuffer())()            Creates a view of this byte buffer as a float buffer. |
| abstract  [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**asReadOnlyBuffer**](http://docs.google.com/java/nio/FloatBuffer.html#asReadOnlyBuffer())()            Creates a new, read-only float buffer that shares this buffer's content. |
| abstract  [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**compact**](http://docs.google.com/java/nio/FloatBuffer.html#compact())()            Compacts this buffer  *(optional operation)*. |
| abstract  [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**duplicate**](http://docs.google.com/java/nio/FloatBuffer.html#duplicate())()            Creates a new float buffer that shares this buffer's content. |
| [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**get**](http://docs.google.com/java/nio/FloatBuffer.html#get(float%5B%5D))(float[] dst)            Relative bulk *get* method. |
| [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**get**](http://docs.google.com/java/nio/FloatBuffer.html#get(float%5B%5D,%20int,%20int))(float[] dst, int offset, int length)            Relative bulk *get* method. |
| abstract  [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**put**](http://docs.google.com/java/nio/FloatBuffer.html#put(float))(float f)            Relative *put* method  *(optional operation)*. |
| [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**put**](http://docs.google.com/java/nio/FloatBuffer.html#put(float%5B%5D))(float[] src)            Relative bulk *put* method  *(optional operation)*. |
| [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**put**](http://docs.google.com/java/nio/FloatBuffer.html#put(float%5B%5D,%20int,%20int))(float[] src, int offset, int length)            Relative bulk *put* method  *(optional operation)*. |
| [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**put**](http://docs.google.com/java/nio/FloatBuffer.html#put(java.nio.FloatBuffer))([FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) src)            Relative bulk *put* method  *(optional operation)*. |
| abstract  [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**put**](http://docs.google.com/java/nio/FloatBuffer.html#put(int,%20float))(int index, float f)            Absolute *put* method  *(optional operation)*. |
| abstract  [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**slice**](http://docs.google.com/java/nio/FloatBuffer.html#slice())()            Creates a new float buffer whose content is a shared subsequence of this buffer's content. |
| static [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**wrap**](http://docs.google.com/java/nio/FloatBuffer.html#wrap(float%5B%5D))(float[] array)            Wraps a float array into a buffer. |
| static [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**wrap**](http://docs.google.com/java/nio/FloatBuffer.html#wrap(float%5B%5D,%20int,%20int))(float[] array, int offset, int length)            Wraps a float array into a buffer. |

| Methods in [java.nio](http://docs.google.com/java/nio/package-summary.html) with parameters of type [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | |
| --- | --- |
| int | **FloatBuffer.**[**compareTo**](http://docs.google.com/java/nio/FloatBuffer.html#compareTo(java.nio.FloatBuffer))([FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) that)            Compares this buffer to another. |
| [FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) | **FloatBuffer.**[**put**](http://docs.google.com/java/nio/FloatBuffer.html#put(java.nio.FloatBuffer))([FloatBuffer](http://docs.google.com/java/nio/FloatBuffer.html) src)            Relative bulk *put* method  *(optional operation)*. |

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