| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileChannel.MapMode.html) | [**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 CLASS**](http://docs.google.com/java/nio/channels/FileChannel.html)   [**NEXT CLASS**](http://docs.google.com/java/nio/channels/FileLock.html) | [**FRAMES**](http://docs.google.com/index.html?java/nio/channels/FileChannel.MapMode.html)    [**NO FRAMES**](http://docs.google.com/FileChannel.MapMode.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#17dp8vu) |

## **java.nio.channels**

Class FileChannel.MapMode

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.nio.channels.FileChannel.MapMode**

**Enclosing class:**[FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html)

public static class **FileChannel.MapMode**extends [Object](http://docs.google.com/java/lang/Object.html)

A typesafe enumeration for file-mapping modes.

**Since:** 1.4 **See Also:**[FileChannel.map(java.nio.channels.FileChannel.MapMode, long, long)](http://docs.google.com/java/nio/channels/FileChannel.html#map(java.nio.channels.FileChannel.MapMode,%20long,%20long))

| **Field Summary** | |
| --- | --- |
| static [FileChannel.MapMode](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html) | [**PRIVATE**](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html#PRIVATE)            Mode for a private (copy-on-write) mapping. |
| static [FileChannel.MapMode](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html) | [**READ\_ONLY**](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html#READ_ONLY)            Mode for a read-only mapping. |
| static [FileChannel.MapMode](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html) | [**READ\_WRITE**](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html#READ_WRITE)            Mode for a read/write mapping. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html#toString())()            Returns a string describing this file-mapping mode. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### READ\_ONLY

public static final [FileChannel.MapMode](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html) **READ\_ONLY**

Mode for a read-only mapping.

### READ\_WRITE

public static final [FileChannel.MapMode](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html) **READ\_WRITE**

Mode for a read/write mapping.

### PRIVATE

public static final [FileChannel.MapMode](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html) **PRIVATE**

Mode for a private (copy-on-write) mapping.

| **Method Detail** |
| --- |

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a string describing this file-mapping mode.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**A descriptive string

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileChannel.MapMode.html) | [**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 CLASS**](http://docs.google.com/java/nio/channels/FileChannel.html)   [**NEXT CLASS**](http://docs.google.com/java/nio/channels/FileLock.html) | [**FRAMES**](http://docs.google.com/index.html?java/nio/channels/FileChannel.MapMode.html)    [**NO FRAMES**](http://docs.google.com/FileChannel.MapMode.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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