|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
| [**PREV CLASS**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/decoder/OutputChannels.html)    [**NO FRAMES**](http://docs.google.com/OutputChannels.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#1ksv4uv) |

## **javazoom.jl.decoder**

Class OutputChannels

java.lang.Object  
 **javazoom.jl.decoder.OutputChannels**

public class **OutputChannels**extends java.lang.Object

A Type-safe representation of the the supported output channel constants. This class is immutable and, hence, is thread safe.

**Since:** 0.0.7

|  |  |
| --- | --- |
| **Field Summary** | |
| static [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) | [**BOTH**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#BOTH) |
| static int | [**BOTH\_CHANNELS**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#BOTH_CHANNELS)            Flag to indicate output should include both channels. |
| static [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) | [**DOWNMIX**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#DOWNMIX) |
| static int | [**DOWNMIX\_CHANNELS**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#DOWNMIX_CHANNELS)            Flag to indicate output is mono. |
| static [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) | [**LEFT**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#LEFT) |
| static int | [**LEFT\_CHANNEL**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#LEFT_CHANNEL)            Flag to indicate output should include the left channel only. |
| static [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) | [**RIGHT**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#RIGHT) |
| static int | [**RIGHT\_CHANNEL**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#RIGHT_CHANNEL)            Flag to indicate output should include the right channel only. |

|  |  |
| --- | --- |
| **Method Summary** | |
| boolean | [**equals**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#equals(java.lang.Object))(java.lang.Object o) |
| static [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) | [**fromInt**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#fromInt(int))(int code)            Creates an OutputChannels instance corresponding to the given channel code. |
| int | [**getChannelCount**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#getChannelCount())()            Retrieves the number of output channels represented by this channel output type. |
| int | [**getChannelsOutputCode**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#getChannelsOutputCode())()            Retrieves the code representing the desired output channels. |
| int | [**hashCode**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#hashCode())() |

|  |
| --- |
| **Methods inherited from class java.lang.Object** |
| clone, finalize, getClass, notify, notifyAll, toString, wait, wait, wait |

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

### BOTH\_CHANNELS

public static final int **BOTH\_CHANNELS**

Flag to indicate output should include both channels.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.decoder.OutputChannels.BOTH_CHANNELS)

### LEFT\_CHANNEL

public static final int **LEFT\_CHANNEL**

Flag to indicate output should include the left channel only.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.decoder.OutputChannels.LEFT_CHANNEL)

### RIGHT\_CHANNEL

public static final int **RIGHT\_CHANNEL**

Flag to indicate output should include the right channel only.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.decoder.OutputChannels.RIGHT_CHANNEL)

### DOWNMIX\_CHANNELS

public static final int **DOWNMIX\_CHANNELS**

Flag to indicate output is mono.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.decoder.OutputChannels.DOWNMIX_CHANNELS)

### LEFT

public static final [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) **LEFT**

### RIGHT

public static final [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) **RIGHT**

### BOTH

public static final [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) **BOTH**

### DOWNMIX

public static final [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) **DOWNMIX**

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

### fromInt

public static [OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) **fromInt**(int code)

Creates an OutputChannels instance corresponding to the given channel code.

**Parameters:**code - one of the OutputChannels channel code constants. **Throws:** java.lang.IllegalArgumentException - if code is not a valid channel code.

### getChannelsOutputCode

public int **getChannelsOutputCode**()

Retrieves the code representing the desired output channels. Will be one of LEFT\_CHANNEL, RIGHT\_CHANNEL, BOTH\_CHANNELS or DOWNMIX\_CHANNELS.

**Returns:**the channel code represented by this instance.

### getChannelCount

public int **getChannelCount**()

Retrieves the number of output channels represented by this channel output type.

**Returns:**The number of output channels for this channel output type. This will be 2 for BOTH\_CHANNELS only, and 1 for all other types.

### equals

public boolean **equals**(java.lang.Object o)

**Overrides:**equals in class java.lang.Object

### hashCode

public int **hashCode**()

**Overrides:**hashCode in class java.lang.Object

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
| [**PREV CLASS**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/decoder/OutputChannels.html)    [**NO FRAMES**](http://docs.google.com/OutputChannels.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#1ksv4uv) |

JavaZOOM 1999-2008