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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**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/player/NullAudioDevice.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/player/Player.html)    [**NO FRAMES**](http://docs.google.com/Player.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#2s8eyo1) |

## **javazoom.jl.player**

Class Player

java.lang.Object  
 **javazoom.jl.player.Player**

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

The Player class implements a simple player for playback of an MPEG audio stream.

**Since:** 0.0.8

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| **Constructor Summary** | |
| [**Player**](http://docs.google.com/javazoom/jl/player/Player.html#Player(java.io.InputStream))(java.io.InputStream stream)            Creates a new Player instance. |
| [**Player**](http://docs.google.com/javazoom/jl/player/Player.html#Player(java.io.InputStream,%20javazoom.jl.player.AudioDevice))(java.io.InputStream stream, [AudioDevice](http://docs.google.com/javazoom/jl/player/AudioDevice.html) device) |

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| **Method Summary** | |
| void | [**close**](http://docs.google.com/javazoom/jl/player/Player.html#close())()            Cloases this player. |
| protected  boolean | [**decodeFrame**](http://docs.google.com/javazoom/jl/player/Player.html#decodeFrame())()            Decodes a single frame. |
| int | [**getPosition**](http://docs.google.com/javazoom/jl/player/Player.html#getPosition())()            Retrieves the position in milliseconds of the current audio sample being played. |
| boolean | [**isComplete**](http://docs.google.com/javazoom/jl/player/Player.html#isComplete())()            Returns the completed status of this player. |
| void | [**play**](http://docs.google.com/javazoom/jl/player/Player.html#play())() |
| boolean | [**play**](http://docs.google.com/javazoom/jl/player/Player.html#play(int))(int frames)            Plays a number of MPEG audio frames. |

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

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| **Constructor Detail** |

### Player

public **Player**(java.io.InputStream stream)  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

Creates a new Player instance.

**Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

### Player

public **Player**(java.io.InputStream stream,  
 [AudioDevice](http://docs.google.com/javazoom/jl/player/AudioDevice.html) device)  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

**Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

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| **Method Detail** |

### play

public void **play**()  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

**Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

### play

public boolean **play**(int frames)  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

Plays a number of MPEG audio frames.

**Parameters:**frames - The number of frames to play. **Returns:**true if the last frame was played, or false if there are more frames. **Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

### close

public void **close**()

Cloases this player. Any audio currently playing is stopped immediately.

### isComplete

public boolean **isComplete**()

Returns the completed status of this player.

**Returns:**true if all available MPEG audio frames have been decoded, or false otherwise.

### getPosition

public int **getPosition**()

Retrieves the position in milliseconds of the current audio sample being played. This method delegates to the AudioDevice that is used by this player to sound the decoded audio samples.

### decodeFrame

protected boolean **decodeFrame**()  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

Decodes a single frame.

**Returns:**true if there are no more frames to decode, false otherwise. **Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**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/player/NullAudioDevice.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/player/Player.html)    [**NO FRAMES**](http://docs.google.com/Player.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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