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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/AudioDeviceFactory.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/player/FactoryRegistry.html)    [**NO FRAMES**](http://docs.google.com/FactoryRegistry.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

## **javazoom.jl.player**

Class FactoryRegistry

java.lang.Object  
 [javazoom.jl.player.AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html)  
 **javazoom.jl.player.FactoryRegistry**

public class **FactoryRegistry**extends [AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html)

The FactoryRegistry class stores the factories for all the audio device implementations available in the system.

Instances of this class are thread-safe.

**Since:** 0.0.8

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| **Field Summary** | |
| protected  java.util.Hashtable | [**factories**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#factories) |

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| **Constructor Summary** | |
| [**FactoryRegistry**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#FactoryRegistry())() |

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| **Method Summary** | |
| void | [**addFactory**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#addFactory(javazoom.jl.player.AudioDeviceFactory))([AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) factory)            Registers an AudioDeviceFactory instance with this registry. |
| [AudioDevice](http://docs.google.com/javazoom/jl/player/AudioDevice.html) | [**createAudioDevice**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#createAudioDevice())()            Creates a new AudioDevice. |
| protected  [AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html)[] | [**getFactoriesPriority**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#getFactoriesPriority())() |
| protected  void | [**registerDefaultFactories**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#registerDefaultFactories())() |
| void | [**removeFactory**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#removeFactory(javazoom.jl.player.AudioDeviceFactory))([AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) factory) |
| void | [**removeFactoryType**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#removeFactoryType(java.lang.Class))(java.lang.Class cls) |
| static [FactoryRegistry](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html) | [**systemRegistry**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#systemRegistry())() |

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| **Methods inherited from class javazoom.jl.player.**[**AudioDeviceFactory**](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) |
| [instantiate](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html#instantiate(java.lang.ClassLoader,%20java.lang.String)) |

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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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| **Field Detail** |

### factories

protected java.util.Hashtable **factories**

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| **Constructor Detail** |

### FactoryRegistry

public **FactoryRegistry**()

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| **Method Detail** |

### systemRegistry

public static [FactoryRegistry](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html) **systemRegistry**()

### addFactory

public void **addFactory**([AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) factory)

Registers an AudioDeviceFactory instance with this registry.

### removeFactoryType

public void **removeFactoryType**(java.lang.Class cls)

### removeFactory

public void **removeFactory**([AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) factory)

### createAudioDevice

public [AudioDevice](http://docs.google.com/javazoom/jl/player/AudioDevice.html) **createAudioDevice**()  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

**Description copied from class:** [**AudioDeviceFactory**](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html#createAudioDevice()) Creates a new AudioDevice.

**Specified by:**[createAudioDevice](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html#createAudioDevice()) in class [AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) **Returns:**a new instance of a specific class of AudioDevice. **Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html) - if an instance of AudioDevice could not be created.

### getFactoriesPriority

protected [AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html)[] **getFactoriesPriority**()

### registerDefaultFactories

protected void **registerDefaultFactories**()

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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) | | |  |
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