| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MixerProvider.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/javax/sound/sampled/spi/FormatConversionProvider.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/spi/MixerProvider.html)    [**NO FRAMES**](http://docs.google.com/MixerProvider.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.sound.sampled.spi**

Class MixerProvider

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.sound.sampled.spi.MixerProvider**

public abstract class **MixerProvider**extends [Object](http://docs.google.com/java/lang/Object.html)

A provider or factory for a particular mixer type. This mechanism allows the implementation to determine how resources are managed in creation / management of a mixer.

**Since:** 1.3

| **Constructor Summary** | |
| --- | --- |
| [**MixerProvider**](http://docs.google.com/javax/sound/sampled/spi/MixerProvider.html#MixerProvider())() |

| **Method Summary** | |
| --- | --- |
| abstract  [Mixer](http://docs.google.com/javax/sound/sampled/Mixer.html) | [**getMixer**](http://docs.google.com/javax/sound/sampled/spi/MixerProvider.html#getMixer(javax.sound.sampled.Mixer.Info))([Mixer.Info](http://docs.google.com/javax/sound/sampled/Mixer.Info.html) info)            Obtains an instance of the mixer represented by the info object. |
| abstract  [Mixer.Info](http://docs.google.com/javax/sound/sampled/Mixer.Info.html)[] | [**getMixerInfo**](http://docs.google.com/javax/sound/sampled/spi/MixerProvider.html#getMixerInfo())()            Obtains the set of info objects representing the mixer or mixers provided by this MixerProvider. |
| boolean | [**isMixerSupported**](http://docs.google.com/javax/sound/sampled/spi/MixerProvider.html#isMixerSupported(javax.sound.sampled.Mixer.Info))([Mixer.Info](http://docs.google.com/javax/sound/sampled/Mixer.Info.html) info)            Indicates whether the mixer provider supports the mixer represented by the specified mixer info object. |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

| **Constructor Detail** |
| --- |

### MixerProvider

public **MixerProvider**()

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

### isMixerSupported

public boolean **isMixerSupported**([Mixer.Info](http://docs.google.com/javax/sound/sampled/Mixer.Info.html) info)

Indicates whether the mixer provider supports the mixer represented by the specified mixer info object.

**Parameters:**info - an info object that describes the mixer for which support is queried **Returns:**true if the specified mixer is supported, otherwise false

### getMixerInfo

public abstract [Mixer.Info](http://docs.google.com/javax/sound/sampled/Mixer.Info.html)[] **getMixerInfo**()

Obtains the set of info objects representing the mixer or mixers provided by this MixerProvider.

**Returns:**set of mixer info objects

### getMixer

public abstract [Mixer](http://docs.google.com/javax/sound/sampled/Mixer.html) **getMixer**([Mixer.Info](http://docs.google.com/javax/sound/sampled/Mixer.Info.html) info)

Obtains an instance of the mixer represented by the info object.

**Parameters:**info - an info object that describes the desired mixer **Returns:**mixer instance **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the info object specified does not match the info object for a mixer supported by this MixerProvider.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MixerProvider.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/javax/sound/sampled/spi/FormatConversionProvider.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/spi/MixerProvider.html)    [**NO FRAMES**](http://docs.google.com/MixerProvider.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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