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

Class MidiDevice.Info

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.sound.midi.MidiDevice.Info**

**Enclosing interface:**[MidiDevice](http://docs.google.com/javax/sound/midi/MidiDevice.html)

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

A MidiDevice.Info object contains assorted data about a [MidiDevice](http://docs.google.com/javax/sound/midi/MidiDevice.html), including its name, the company who created it, and descriptive text.

**See Also:**[MidiDevice.getDeviceInfo()](http://docs.google.com/javax/sound/midi/MidiDevice.html#getDeviceInfo())

| **Constructor Summary** | |
| --- | --- |
| protected | [**MidiDevice.Info**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html#MidiDevice.Info(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) vendor, [String](http://docs.google.com/java/lang/String.html) description, [String](http://docs.google.com/java/lang/String.html) version)            Constructs a device info object. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Reports whether two objects are equal. |
| [String](http://docs.google.com/java/lang/String.html) | [**getDescription**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html#getDescription())()            Obtains the description of the device. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html#getName())()            Obtains the name of the device. |
| [String](http://docs.google.com/java/lang/String.html) | [**getVendor**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html#getVendor())()            Obtains the name of the company who supplies the device. |
| [String](http://docs.google.com/java/lang/String.html) | [**getVersion**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html#getVersion())()            Obtains the version of the device. |
| int | [**hashCode**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html#hashCode())()            Finalizes the hashcode method. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html#toString())()            Provides a string representation of the device information. |

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

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

### MidiDevice.Info

protected **MidiDevice.Info**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) vendor,  
 [String](http://docs.google.com/java/lang/String.html) description,  
 [String](http://docs.google.com/java/lang/String.html) version)

Constructs a device info object.

**Parameters:**name - the name of the devicevendor - the name of the company who provides the devicedescription - a description of the deviceversion - version information for the device

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

### equals

public final boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Reports whether two objects are equal. Returns true if the objects are identical.

**Overrides:**[equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) in class [Object](http://docs.google.com/java/lang/Object.html) **Parameters:**obj - the reference object with which to compare this object **Returns:**true if this object is the same as the obj argument; false otherwise**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### hashCode

public final int **hashCode**()

Finalizes the hashcode method.

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code value for this object.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### getName

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

Obtains the name of the device.

**Returns:**a string containing the device's name

### getVendor

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

Obtains the name of the company who supplies the device.

**Returns:**device the vendor's name

### getDescription

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

Obtains the description of the device.

**Returns:**a description of the device

### getVersion

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

Obtains the version of the device.

**Returns:**textual version information for the device.

### toString

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

Provides a string representation of the device information.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a description of the info object

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

[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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