| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**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**](http://docs.google.com/javax/security/sasl/package-tree.html)   [**NEXT**](http://docs.google.com/javax/sound/midi/spi/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/midi/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

Hierarchy For Package javax.sound.midi

**Package Hierarchies:**[All Packages](http://docs.google.com/overview-tree.html)

## Class Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + javax.sound.midi.[**MidiDevice.Info**](http://docs.google.com/javax/sound/midi/MidiDevice.Info.html)
  + javax.sound.midi.[**MidiEvent**](http://docs.google.com/javax/sound/midi/MidiEvent.html)
  + javax.sound.midi.[**MidiFileFormat**](http://docs.google.com/javax/sound/midi/MidiFileFormat.html)
  + javax.sound.midi.[**MidiMessage**](http://docs.google.com/javax/sound/midi/MidiMessage.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html))
    - javax.sound.midi.[**MetaMessage**](http://docs.google.com/javax/sound/midi/MetaMessage.html)
    - javax.sound.midi.[**ShortMessage**](http://docs.google.com/javax/sound/midi/ShortMessage.html)
    - javax.sound.midi.[**SysexMessage**](http://docs.google.com/javax/sound/midi/SysexMessage.html)
  + javax.sound.midi.[**MidiSystem**](http://docs.google.com/javax/sound/midi/MidiSystem.html)
  + javax.sound.midi.[**Patch**](http://docs.google.com/javax/sound/midi/Patch.html)
  + javax.sound.midi.[**Sequence**](http://docs.google.com/javax/sound/midi/Sequence.html)
  + javax.sound.midi.[**Sequencer.SyncMode**](http://docs.google.com/javax/sound/midi/Sequencer.SyncMode.html)
  + javax.sound.midi.[**SoundbankResource**](http://docs.google.com/javax/sound/midi/SoundbankResource.html)
    - javax.sound.midi.[**Instrument**](http://docs.google.com/javax/sound/midi/Instrument.html)
  + java.lang.[**Throwable**](http://docs.google.com/java/lang/Throwable.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Exception**](http://docs.google.com/java/lang/Exception.html)
      * javax.sound.midi.[**InvalidMidiDataException**](http://docs.google.com/javax/sound/midi/InvalidMidiDataException.html)
      * javax.sound.midi.[**MidiUnavailableException**](http://docs.google.com/javax/sound/midi/MidiUnavailableException.html)
  + javax.sound.midi.[**Track**](http://docs.google.com/javax/sound/midi/Track.html)
  + javax.sound.midi.[**VoiceStatus**](http://docs.google.com/javax/sound/midi/VoiceStatus.html)

## Interface Hierarchy

* java.util.[**EventListener**](http://docs.google.com/java/util/EventListener.html)
  + javax.sound.midi.[**ControllerEventListener**](http://docs.google.com/javax/sound/midi/ControllerEventListener.html)
  + javax.sound.midi.[**MetaEventListener**](http://docs.google.com/javax/sound/midi/MetaEventListener.html)
* javax.sound.midi.[**MidiChannel**](http://docs.google.com/javax/sound/midi/MidiChannel.html)
* javax.sound.midi.[**MidiDevice**](http://docs.google.com/javax/sound/midi/MidiDevice.html)
  + javax.sound.midi.[**Sequencer**](http://docs.google.com/javax/sound/midi/Sequencer.html)
  + javax.sound.midi.[**Synthesizer**](http://docs.google.com/javax/sound/midi/Synthesizer.html)
* javax.sound.midi.[**Receiver**](http://docs.google.com/javax/sound/midi/Receiver.html)
* javax.sound.midi.[**Soundbank**](http://docs.google.com/javax/sound/midi/Soundbank.html)
* javax.sound.midi.[**Transmitter**](http://docs.google.com/javax/sound/midi/Transmitter.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**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**](http://docs.google.com/javax/security/sasl/package-tree.html)   [**NEXT**](http://docs.google.com/javax/sound/midi/spi/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/midi/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).