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

## **javax.sound.midi**

Interface Transmitter

public interface **Transmitter**

A Transmitter sends [MidiEvent](http://docs.google.com/javax/sound/midi/MidiEvent.html) objects to one or more [Receivers](http://docs.google.com/javax/sound/midi/Receiver.html). Common MIDI transmitters include sequencers and MIDI input ports.

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

| **Method Summary** | |
| --- | --- |
| void | [**close**](http://docs.google.com/javax/sound/midi/Transmitter.html#close())()            Indicates that the application has finished using the transmitter, and that limited resources it requires may be released or made available. |
| [Receiver](http://docs.google.com/javax/sound/midi/Receiver.html) | [**getReceiver**](http://docs.google.com/javax/sound/midi/Transmitter.html#getReceiver())()            Obtains the current receiver to which this transmitter will deliver MIDI messages. |
| void | [**setReceiver**](http://docs.google.com/javax/sound/midi/Transmitter.html#setReceiver(javax.sound.midi.Receiver))([Receiver](http://docs.google.com/javax/sound/midi/Receiver.html) receiver)            Sets the receiver to which this transmitter will deliver MIDI messages. |

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

### setReceiver

void **setReceiver**([Receiver](http://docs.google.com/javax/sound/midi/Receiver.html) receiver)

Sets the receiver to which this transmitter will deliver MIDI messages. If a receiver is currently set, it is replaced with this one.

**Parameters:**receiver - the desired receiver.

### getReceiver

[Receiver](http://docs.google.com/javax/sound/midi/Receiver.html) **getReceiver**()

Obtains the current receiver to which this transmitter will deliver MIDI messages.

**Returns:**the current receiver. If no receiver is currently set, returns null

### close

void **close**()

Indicates that the application has finished using the transmitter, and that limited resources it requires may be released or made available.

If the creation of this Transmitter resulted in implicitly opening the underlying device, the device is implicitly closed by this method. This is true unless the device is kept open by other Receiver or Transmitter instances that opened the device implicitly, and unless the device has been opened explicitly. If the device this Transmitter is retrieved from is closed explicitly by calling [MidiDevice.close](http://docs.google.com/javax/sound/midi/MidiDevice.html#close()), the Transmitter is closed, too. For a detailed description of open/close behaviour see the class description of [MidiDevice](http://docs.google.com/javax/sound/midi/MidiDevice.html).

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

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

[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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