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

**All Superinterfaces:** [EventListener](http://docs.google.com/java/util/EventListener.html)

public interface **ControllerEventListener**extends [EventListener](http://docs.google.com/java/util/EventListener.html)

The ControllerEventListener interface should be implemented by classes whose instances need to be notified when a Sequencer has processed a requested type of MIDI control-change event. To register a ControllerEventListener object to receive such notifications, invoke the [addControllerEventListener](http://docs.google.com/javax/sound/midi/Sequencer.html#addControllerEventListener(javax.sound.midi.ControllerEventListener,%20int%5B%5D)) method of Sequencer, specifying the types of MIDI controllers about which you are interested in getting control-change notifications.

**See Also:**[MidiChannel.controlChange(int, int)](http://docs.google.com/javax/sound/midi/MidiChannel.html#controlChange(int,%20int))

| **Method Summary** | |
| --- | --- |
| void | [**controlChange**](http://docs.google.com/javax/sound/midi/ControllerEventListener.html#controlChange(javax.sound.midi.ShortMessage))([ShortMessage](http://docs.google.com/javax/sound/midi/ShortMessage.html) event)            Invoked when a Sequencer has encountered and processed a control-change event of interest to this listener. |

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

### controlChange

void **controlChange**([ShortMessage](http://docs.google.com/javax/sound/midi/ShortMessage.html) event)

Invoked when a Sequencer has encountered and processed a control-change event of interest to this listener. The event passed in is a ShortMessage whose first data byte indicates the controller number and whose second data byte is the value to which the controller was set.

**Parameters:**event - the control-change event that the sequencer encountered in the sequence it is processing**See Also:**[Sequencer.addControllerEventListener(ControllerEventListener, int[])](http://docs.google.com/javax/sound/midi/Sequencer.html#addControllerEventListener(javax.sound.midi.ControllerEventListener,%20int%5B%5D)), [MidiChannel.controlChange(int, int)](http://docs.google.com/javax/sound/midi/MidiChannel.html#controlChange(int,%20int)), [ShortMessage.getData1()](http://docs.google.com/javax/sound/midi/ShortMessage.html#getData1()), [ShortMessage.getData2()](http://docs.google.com/javax/sound/midi/ShortMessage.html#getData2())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ControllerEventListener.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 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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