| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/sound/midi/Sequence.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/sound/midi//class-useSequence.html)    [**NO FRAMES**](http://docs.google.com/Sequence.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.sound.midi.Sequence**

| Packages that use [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | |
| --- | --- |
| [**javax.sound.midi**](#3znysh7) | Provides interfaces and classes for I/O, sequencing, and synthesis of MIDI (Musical Instrument Digital Interface) data. |
| [**javax.sound.midi.spi**](#2et92p0) | Supplies interfaces for service providers to implement when offering new MIDI devices, MIDI file readers and writers, or sound bank readers. |

| Uses of [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) | |
| --- | --- |

| Methods in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) that return [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | |
| --- | --- |
| [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **Sequencer.**[**getSequence**](http://docs.google.com/javax/sound/midi/Sequencer.html#getSequence())()            Obtains the sequence on which the Sequencer is currently operating. |
| static [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiSystem.**[**getSequence**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSequence(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains a MIDI sequence from the specified File. |
| static [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiSystem.**[**getSequence**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSequence(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains a MIDI sequence from the specified input stream. |
| static [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiSystem.**[**getSequence**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSequence(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Obtains a MIDI sequence from the specified URL. |

| Methods in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) with parameters of type [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | |
| --- | --- |
| static int[] | **MidiSystem.**[**getMidiFileTypes**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getMidiFileTypes(javax.sound.midi.Sequence))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) sequence)            Obtains the set of MIDI file types that the system can write from the sequence specified. |
| static boolean | **MidiSystem.**[**isFileTypeSupported**](http://docs.google.com/javax/sound/midi/MidiSystem.html#isFileTypeSupported(int,%20javax.sound.midi.Sequence))(int fileType, [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) sequence)            Indicates whether a MIDI file of the file type specified can be written from the sequence indicated. |
| void | **Sequencer.**[**setSequence**](http://docs.google.com/javax/sound/midi/Sequencer.html#setSequence(javax.sound.midi.Sequence))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) sequence)            Sets the current sequence on which the sequencer operates. |
| static int | **MidiSystem.**[**write**](http://docs.google.com/javax/sound/midi/MidiSystem.html#write(javax.sound.midi.Sequence,%20int,%20java.io.File))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) in, int type, [File](http://docs.google.com/java/io/File.html) out)            Writes a stream of bytes representing a file of the MIDI file type indicated to the external file provided. |
| static int | **MidiSystem.**[**write**](http://docs.google.com/javax/sound/midi/MidiSystem.html#write(javax.sound.midi.Sequence,%20int,%20java.io.OutputStream))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) in, int fileType, [OutputStream](http://docs.google.com/java/io/OutputStream.html) out)            Writes a stream of bytes representing a file of the MIDI file type indicated to the output stream provided. |

| Uses of [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) in [javax.sound.midi.spi](http://docs.google.com/javax/sound/midi/spi/package-summary.html) | |
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| Methods in [javax.sound.midi.spi](http://docs.google.com/javax/sound/midi/spi/package-summary.html) that return [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | |
| --- | --- |
| abstract  [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiFileReader.**[**getSequence**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getSequence(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains a MIDI sequence from the File provided. |
| abstract  [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiFileReader.**[**getSequence**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getSequence(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains a MIDI sequence from the input stream provided. |
| abstract  [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiFileReader.**[**getSequence**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getSequence(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Obtains a MIDI sequence from the URL provided. |

| Methods in [javax.sound.midi.spi](http://docs.google.com/javax/sound/midi/spi/package-summary.html) with parameters of type [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | |
| --- | --- |
| abstract  int[] | **MidiFileWriter.**[**getMidiFileTypes**](http://docs.google.com/javax/sound/midi/spi/MidiFileWriter.html#getMidiFileTypes(javax.sound.midi.Sequence))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) sequence)            Obtains the file types that this file writer can write from the sequence specified. |
| boolean | **MidiFileWriter.**[**isFileTypeSupported**](http://docs.google.com/javax/sound/midi/spi/MidiFileWriter.html#isFileTypeSupported(int,%20javax.sound.midi.Sequence))(int fileType, [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) sequence)            Indicates whether a MIDI file of the file type specified can be written from the sequence indicated. |
| abstract  int | **MidiFileWriter.**[**write**](http://docs.google.com/javax/sound/midi/spi/MidiFileWriter.html#write(javax.sound.midi.Sequence,%20int,%20java.io.File))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) in, int fileType, [File](http://docs.google.com/java/io/File.html) out)            Writes a stream of bytes representing a MIDI file of the file type indicated to the external file provided. |
| abstract  int | **MidiFileWriter.**[**write**](http://docs.google.com/javax/sound/midi/spi/MidiFileWriter.html#write(javax.sound.midi.Sequence,%20int,%20java.io.OutputStream))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) in, int fileType, [OutputStream](http://docs.google.com/java/io/OutputStream.html) out)            Writes a stream of bytes representing a MIDI file of the file type indicated to the output stream provided. |

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

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