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

**Uses of Class**

**javax.sound.midi.InvalidMidiDataException**

| Packages that use [InvalidMidiDataException](http://docs.google.com/javax/sound/midi/InvalidMidiDataException.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 [InvalidMidiDataException](http://docs.google.com/javax/sound/midi/InvalidMidiDataException.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 throw [InvalidMidiDataException](http://docs.google.com/javax/sound/midi/InvalidMidiDataException.html) | |
| --- | --- |
| protected  int | **ShortMessage.**[**getDataLength**](http://docs.google.com/javax/sound/midi/ShortMessage.html#getDataLength(int))(int status)            Retrieves the number of data bytes associated with a particular status byte value. |
| static [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiSystem.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getMidiFileFormat(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains the MIDI file format of the specified File. |
| static [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiSystem.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getMidiFileFormat(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains the MIDI file format of the data in the specified input stream. |
| static [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiSystem.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getMidiFileFormat(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Obtains the MIDI file format of the data in the specified URL. |
| 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. |
| static [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **MidiSystem.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSoundbank(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Constructs a Soundbank by reading it from the specified File. |
| static [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **MidiSystem.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSoundbank(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Constructs a MIDI sound bank by reading it from the specified stream. |
| static [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **MidiSystem.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSoundbank(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Constructs a Soundbank by reading it from the specified URL. |
| void | **SysexMessage.**[**setMessage**](http://docs.google.com/javax/sound/midi/SysexMessage.html#setMessage(byte%5B%5D,%20int))(byte[] data, int length)            Sets the data for the system exclusive message. |
| protected  void | **MidiMessage.**[**setMessage**](http://docs.google.com/javax/sound/midi/MidiMessage.html#setMessage(byte%5B%5D,%20int))(byte[] data, int length)            Sets the data for the MIDI message. |
| void | **ShortMessage.**[**setMessage**](http://docs.google.com/javax/sound/midi/ShortMessage.html#setMessage(int))(int status)            Sets the parameters for a MIDI message that takes no data bytes. |
| void | **SysexMessage.**[**setMessage**](http://docs.google.com/javax/sound/midi/SysexMessage.html#setMessage(int,%20byte%5B%5D,%20int))(int status, byte[] data, int length)            Sets the data for the system exclusive message. |
| void | **MetaMessage.**[**setMessage**](http://docs.google.com/javax/sound/midi/MetaMessage.html#setMessage(int,%20byte%5B%5D,%20int))(int type, byte[] data, int length)            Sets the message parameters for a MetaMessage. |
| void | **ShortMessage.**[**setMessage**](http://docs.google.com/javax/sound/midi/ShortMessage.html#setMessage(int,%20int,%20int))(int status, int data1, int data2)            Sets the parameters for a MIDI message that takes one or two data bytes. |
| void | **ShortMessage.**[**setMessage**](http://docs.google.com/javax/sound/midi/ShortMessage.html#setMessage(int,%20int,%20int,%20int))(int command, int channel, int data1, int data2)            Sets the short message parameters for a channel message which takes up to two data bytes. |
| void | **Sequencer.**[**setSequence**](http://docs.google.com/javax/sound/midi/Sequencer.html#setSequence(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Sets the current sequence on which the sequencer operates. |
| 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. |

| Constructors in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) that throw [InvalidMidiDataException](http://docs.google.com/javax/sound/midi/InvalidMidiDataException.html) | |
| --- | --- |
| [**Sequence**](http://docs.google.com/javax/sound/midi/Sequence.html#Sequence(float,%20int))(float divisionType, int resolution)            Constructs a new MIDI sequence with the specified timing division type and timing resolution. |
| [**Sequence**](http://docs.google.com/javax/sound/midi/Sequence.html#Sequence(float,%20int,%20int))(float divisionType, int resolution, int numTracks)            Constructs a new MIDI sequence with the specified timing division type, timing resolution, and number of tracks. |

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

| Methods in [javax.sound.midi.spi](http://docs.google.com/javax/sound/midi/spi/package-summary.html) that throw [InvalidMidiDataException](http://docs.google.com/javax/sound/midi/InvalidMidiDataException.html) | |
| --- | --- |
| abstract  [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiFileReader.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getMidiFileFormat(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains the MIDI file format of the File provided. |
| abstract  [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiFileReader.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getMidiFileFormat(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains the MIDI file format of the input stream provided. |
| abstract  [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiFileReader.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getMidiFileFormat(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Obtains the MIDI file format of the URL 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.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. |
| abstract  [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **SoundbankReader.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/spi/SoundbankReader.html#getSoundbank(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains a soundbank object from the File provided. |
| abstract  [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **SoundbankReader.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/spi/SoundbankReader.html#getSoundbank(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains a soundbank object from the InputStream provided. |
| abstract  [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **SoundbankReader.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/spi/SoundbankReader.html#getSoundbank(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Obtains a soundbank object from the URL 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/InvalidMidiDataException.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/sound/midi//class-useInvalidMidiDataException.html)    [**NO FRAMES**](http://docs.google.com/InvalidMidiDataException.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).