| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.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/sampled//class-useAudioFileFormat.Type.html)    [**NO FRAMES**](http://docs.google.com/AudioFileFormat.Type.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.sound.sampled.AudioFileFormat.Type**

| Packages that use [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | |
| --- | --- |
| [**javax.sound.sampled**](#3znysh7) | Provides interfaces and classes for capture, processing, and playback of sampled audio data. |
| [**javax.sound.sampled.spi**](#2et92p0) | Supplies abstract classes for service providers to subclass when offering new audio devices, sound file readers and writers, or audio format converters. |

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

| Fields in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) declared as [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | |
| --- | --- |
| static [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | **AudioFileFormat.Type.**[**AIFC**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#AIFC)            Specifies an AIFF-C file. |
| static [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | **AudioFileFormat.Type.**[**AIFF**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#AIFF)            Specifies an AIFF file. |
| static [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | **AudioFileFormat.Type.**[**AU**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#AU)            Specifies an AU file. |
| static [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | **AudioFileFormat.Type.**[**SND**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#SND)            Specifies a SND file. |
| static [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | **AudioFileFormat.Type.**[**WAVE**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#WAVE)            Specifies a WAVE file. |

| Methods in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) that return [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | |
| --- | --- |
| static [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html)[] | **AudioSystem.**[**getAudioFileTypes**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#getAudioFileTypes())()            Obtains the file types for which file writing support is provided by the system. |
| static [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html)[] | **AudioSystem.**[**getAudioFileTypes**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#getAudioFileTypes(javax.sound.sampled.AudioInputStream))([AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream)            Obtains the file types that the system can write from the audio input stream specified. |
| [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | **AudioFileFormat.**[**getType**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html#getType())()            Obtains the audio file type, such as WAVE or AU. |

| Methods in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) with parameters of type [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | |
| --- | --- |
| static boolean | **AudioSystem.**[**isFileTypeSupported**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#isFileTypeSupported(javax.sound.sampled.AudioFileFormat.Type))([AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType)            Indicates whether file writing support for the specified file type is provided by the system. |
| static boolean | **AudioSystem.**[**isFileTypeSupported**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#isFileTypeSupported(javax.sound.sampled.AudioFileFormat.Type,%20javax.sound.sampled.AudioInputStream))([AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType, [AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream)            Indicates whether an audio file of the specified file type can be written from the indicated audio input stream. |
| static int | **AudioSystem.**[**write**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#write(javax.sound.sampled.AudioInputStream,%20javax.sound.sampled.AudioFileFormat.Type,%20java.io.File))([AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream, [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType, [File](http://docs.google.com/java/io/File.html) out)            Writes a stream of bytes representing an audio file of the specified file type to the external file provided. |
| static int | **AudioSystem.**[**write**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#write(javax.sound.sampled.AudioInputStream,%20javax.sound.sampled.AudioFileFormat.Type,%20java.io.OutputStream))([AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream, [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType, [OutputStream](http://docs.google.com/java/io/OutputStream.html) out)            Writes a stream of bytes representing an audio file of the specified file type to the output stream provided. |

| Constructors in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) with parameters of type [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | |
| --- | --- |
| [**AudioFileFormat**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html#AudioFileFormat(javax.sound.sampled.AudioFileFormat.Type,%20javax.sound.sampled.AudioFormat,%20int))([AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) type, [AudioFormat](http://docs.google.com/javax/sound/sampled/AudioFormat.html) format, int frameLength)            Constructs an audio file format object. |
| [**AudioFileFormat**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html#AudioFileFormat(javax.sound.sampled.AudioFileFormat.Type,%20javax.sound.sampled.AudioFormat,%20int,%20java.util.Map))([AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) type, [AudioFormat](http://docs.google.com/javax/sound/sampled/AudioFormat.html) format, int frameLength, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Object](http://docs.google.com/java/lang/Object.html)> properties)            Construct an audio file format object with a set of defined properties. |
| [**AudioFileFormat**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html#AudioFileFormat(javax.sound.sampled.AudioFileFormat.Type,%20int,%20javax.sound.sampled.AudioFormat,%20int))([AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) type, int byteLength, [AudioFormat](http://docs.google.com/javax/sound/sampled/AudioFormat.html) format, int frameLength)            Constructs an audio file format object. |

| Uses of [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) in [javax.sound.sampled.spi](http://docs.google.com/javax/sound/sampled/spi/package-summary.html) | |
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| Methods in [javax.sound.sampled.spi](http://docs.google.com/javax/sound/sampled/spi/package-summary.html) that return [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | |
| --- | --- |
| abstract  [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html)[] | **AudioFileWriter.**[**getAudioFileTypes**](http://docs.google.com/javax/sound/sampled/spi/AudioFileWriter.html#getAudioFileTypes())()            Obtains the file types for which file writing support is provided by this audio file writer. |
| abstract  [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html)[] | **AudioFileWriter.**[**getAudioFileTypes**](http://docs.google.com/javax/sound/sampled/spi/AudioFileWriter.html#getAudioFileTypes(javax.sound.sampled.AudioInputStream))([AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream)            Obtains the file types that this audio file writer can write from the audio input stream specified. |

| Methods in [javax.sound.sampled.spi](http://docs.google.com/javax/sound/sampled/spi/package-summary.html) with parameters of type [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | |
| --- | --- |
| boolean | **AudioFileWriter.**[**isFileTypeSupported**](http://docs.google.com/javax/sound/sampled/spi/AudioFileWriter.html#isFileTypeSupported(javax.sound.sampled.AudioFileFormat.Type))([AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType)            Indicates whether file writing support for the specified file type is provided by this audio file writer. |
| boolean | **AudioFileWriter.**[**isFileTypeSupported**](http://docs.google.com/javax/sound/sampled/spi/AudioFileWriter.html#isFileTypeSupported(javax.sound.sampled.AudioFileFormat.Type,%20javax.sound.sampled.AudioInputStream))([AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType, [AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream)            Indicates whether an audio file of the type specified can be written from the audio input stream indicated. |
| abstract  int | **AudioFileWriter.**[**write**](http://docs.google.com/javax/sound/sampled/spi/AudioFileWriter.html#write(javax.sound.sampled.AudioInputStream,%20javax.sound.sampled.AudioFileFormat.Type,%20java.io.File))([AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream, [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType, [File](http://docs.google.com/java/io/File.html) out)            Writes a stream of bytes representing an audio file of the file format indicated to the external file provided. |
| abstract  int | **AudioFileWriter.**[**write**](http://docs.google.com/javax/sound/sampled/spi/AudioFileWriter.html#write(javax.sound.sampled.AudioInputStream,%20javax.sound.sampled.AudioFileFormat.Type,%20java.io.OutputStream))([AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream, [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType, [OutputStream](http://docs.google.com/java/io/OutputStream.html) out)            Writes a stream of bytes representing an audio 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/sampled/AudioFileFormat.Type.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/sampled//class-useAudioFileFormat.Type.html)    [**NO FRAMES**](http://docs.google.com/AudioFileFormat.Type.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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