| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AudioFileFormat.Type.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/sampled/AudioFileFormat.html)   [**NEXT CLASS**](http://docs.google.com/javax/sound/sampled/AudioFormat.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/AudioFileFormat.Type.html)    [**NO FRAMES**](http://docs.google.com/AudioFileFormat.Type.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

## **javax.sound.sampled**

Class AudioFileFormat.Type

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.sound.sampled.AudioFileFormat.Type**

**Enclosing class:**[AudioFileFormat](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html)

public static class **AudioFileFormat.Type**extends [Object](http://docs.google.com/java/lang/Object.html)

An instance of the Type class represents one of the standard types of audio file. Static instances are provided for the common types.

| **Field Summary** | |
| --- | --- |
| static [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) | [**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) | [**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) | [**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) | [**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) | [**WAVE**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#WAVE)            Specifies a WAVE file. |

| **Constructor Summary** | |
| --- | --- |
| [**AudioFileFormat.Type**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#AudioFileFormat.Type(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) extension)            Constructs a file type. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Finalizes the equals method |
| [String](http://docs.google.com/java/lang/String.html) | [**getExtension**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#getExtension())()            Obtains the common file name extension for this file type. |
| int | [**hashCode**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#hashCode())()            Finalizes the hashCode method |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html#toString())()            Provides the file type's name as the String representation of the file type. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### WAVE

public static final [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) **WAVE**

Specifies a WAVE file.

### AU

public static final [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) **AU**

Specifies an AU file.

### AIFF

public static final [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) **AIFF**

Specifies an AIFF file.

### AIFC

public static final [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) **AIFC**

Specifies an AIFF-C file.

### SND

public static final [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) **SND**

Specifies a SND file.

| **Constructor Detail** |
| --- |

### AudioFileFormat.Type

public **AudioFileFormat.Type**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) extension)

Constructs a file type.

**Parameters:**name - the string that names the file typeextension - the string that commonly marks the file type without leading dot.

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

### equals

public final boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Finalizes the equals method

**Overrides:**[equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) in class [Object](http://docs.google.com/java/lang/Object.html) **Parameters:**obj - the reference object with which to compare. **Returns:**true if this object is the same as the obj argument; false otherwise.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### hashCode

public final int **hashCode**()

Finalizes the hashCode method

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code value for this object.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### toString

public final [String](http://docs.google.com/java/lang/String.html) **toString**()

Provides the file type's name as the String representation of the file type.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**the file type's name

### getExtension

public [String](http://docs.google.com/java/lang/String.html) **getExtension**()

Obtains the common file name extension for this file type.

**Returns:**file type extension

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AudioFileFormat.Type.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/sampled/AudioFileFormat.html)   [**NEXT CLASS**](http://docs.google.com/javax/sound/sampled/AudioFormat.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/AudioFileFormat.Type.html)    [**NO FRAMES**](http://docs.google.com/AudioFileFormat.Type.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

[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).