| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Control.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/Control.html)   [**NEXT CLASS**](http://docs.google.com/javax/sound/sampled/DataLine.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/Control.Type.html)    [**NO FRAMES**](http://docs.google.com/Control.Type.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.sound.sampled**

Class Control.Type

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

**Direct Known Subclasses:** [BooleanControl.Type](http://docs.google.com/javax/sound/sampled/BooleanControl.Type.html), [CompoundControl.Type](http://docs.google.com/javax/sound/sampled/CompoundControl.Type.html), [EnumControl.Type](http://docs.google.com/javax/sound/sampled/EnumControl.Type.html), [FloatControl.Type](http://docs.google.com/javax/sound/sampled/FloatControl.Type.html) **Enclosing class:**[Control](http://docs.google.com/javax/sound/sampled/Control.html)

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

An instance of the Type class represents the type of the control. Static instances are provided for the common types.

| **Constructor Summary** | |
| --- | --- |
| protected | [**Control.Type**](http://docs.google.com/javax/sound/sampled/Control.Type.html#Control.Type(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Constructs a new control type with the name specified. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/sound/sampled/Control.Type.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Finalizes the equals method |
| int | [**hashCode**](http://docs.google.com/javax/sound/sampled/Control.Type.html#hashCode())()            Finalizes the hashCode method |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/sound/sampled/Control.Type.html#toString())()            Provides the String representation of the control 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)) |

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

### Control.Type

protected **Control.Type**([String](http://docs.google.com/java/lang/String.html) name)

Constructs a new control type with the name specified. The name should be a descriptive string appropriate for labelling the control in an application, such as "Gain" or "Balance."

**Parameters:**name - the name of the new control type.

| **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 String representation of the control type. This String is the same name that was passed to the constructor.

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

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