| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/LineEvent.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/LineEvent.html)   [**NEXT CLASS**](http://docs.google.com/javax/sound/sampled/LineListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/LineEvent.Type.html)    [**NO FRAMES**](http://docs.google.com/LineEvent.Type.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

## **javax.sound.sampled**

Class LineEvent.Type

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

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

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

The LineEvent.Type inner class identifies what kind of event occurred on a line. Static instances are provided for the common types (OPEN, CLOSE, START, and STOP).

**See Also:**[LineEvent.getType()](http://docs.google.com/javax/sound/sampled/LineEvent.html#getType())

| **Field Summary** | |
| --- | --- |
| static [LineEvent.Type](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html) | [**CLOSE**](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#CLOSE)            A type of event that is sent when a line closes, freeing the system resources it had obtained when it was opened. |
| static [LineEvent.Type](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html) | [**OPEN**](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#OPEN)            A type of event that is sent when a line opens, reserving system resources for itself. |
| static [LineEvent.Type](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html) | [**START**](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#START)            A type of event that is sent when a line begins to engage in active input or output of audio data in response to a [start](http://docs.google.com/javax/sound/sampled/DataLine.html#start()) request. |
| static [LineEvent.Type](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html) | [**STOP**](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#STOP)            A type of event that is sent when a line ceases active input or output of audio data in response to a [stop](http://docs.google.com/javax/sound/sampled/DataLine.html#stop()) request, or because the end of media has been reached. |

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

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Indicates whether the specified object is equal to this event type, returning true if the objects are identical. |
| int | [**hashCode**](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#hashCode())()            Finalizes the hashcode method. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#toString())()            Returns the type name as the string representation. |

| **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** |
| --- |

### OPEN

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

A type of event that is sent when a line opens, reserving system resources for itself.

**See Also:**[CLOSE](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#CLOSE), [Line.open()](http://docs.google.com/javax/sound/sampled/Line.html#open())

### CLOSE

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

A type of event that is sent when a line closes, freeing the system resources it had obtained when it was opened.

**See Also:**[OPEN](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#OPEN), [Line.close()](http://docs.google.com/javax/sound/sampled/Line.html#close())

### START

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

A type of event that is sent when a line begins to engage in active input or output of audio data in response to a [start](http://docs.google.com/javax/sound/sampled/DataLine.html#start()) request.

**See Also:**[STOP](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#STOP), [DataLine.start()](http://docs.google.com/javax/sound/sampled/DataLine.html#start())

### STOP

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

A type of event that is sent when a line ceases active input or output of audio data in response to a [stop](http://docs.google.com/javax/sound/sampled/DataLine.html#stop()) request, or because the end of media has been reached.

**See Also:**[START](http://docs.google.com/javax/sound/sampled/LineEvent.Type.html#START), [DataLine.stop()](http://docs.google.com/javax/sound/sampled/DataLine.html#stop())

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

### LineEvent.Type

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

Constructs a new event type.

**Parameters:**name - name of the type

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

### equals

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

Indicates whether the specified object is equal to this event type, returning true if the objects are identical.

**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 event type is the same as obj; 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 [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns the type name as the string representation.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of the object.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/LineEvent.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/LineEvent.html)   [**NEXT CLASS**](http://docs.google.com/javax/sound/sampled/LineListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sound/sampled/LineEvent.Type.html)    [**NO FRAMES**](http://docs.google.com/LineEvent.Type.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

[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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