| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Adjustable.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?java/awt//class-useAdjustable.html)    [**NO FRAMES**](http://docs.google.com/Adjustable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.awt.Adjustable**

| Packages that use [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.event**](#2et92p0) | Provides interfaces and classes for dealing with different types of events fired by AWT components. |
| [**javax.swing**](#tyjcwt) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |

| Uses of [Adjustable](http://docs.google.com/java/awt/Adjustable.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |

| Classes in [java.awt](http://docs.google.com/java/awt/package-summary.html) that implement [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | |
| --- | --- |
| class | [**Scrollbar**](http://docs.google.com/java/awt/Scrollbar.html)            The Scrollbar class embodies a scroll bar, a familiar user-interface object. |
| class | [**ScrollPaneAdjustable**](http://docs.google.com/java/awt/ScrollPaneAdjustable.html)            This class represents the state of a horizontal or vertical scrollbar of a ScrollPane. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | |
| --- | --- |
| [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | **ScrollPane.**[**getHAdjustable**](http://docs.google.com/java/awt/ScrollPane.html#getHAdjustable())()            Returns the ScrollPaneAdjustable object which represents the state of the horizontal scrollbar. |
| [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | **ScrollPane.**[**getVAdjustable**](http://docs.google.com/java/awt/ScrollPane.html#getVAdjustable())()            Returns the ScrollPaneAdjustable object which represents the state of the vertical scrollbar. |

| Uses of [Adjustable](http://docs.google.com/java/awt/Adjustable.html) in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) | |
| --- | --- |

| Methods in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) that return [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | |
| --- | --- |
| [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | **AdjustmentEvent.**[**getAdjustable**](http://docs.google.com/java/awt/event/AdjustmentEvent.html#getAdjustable())()            Returns the Adjustable object where this event originated. |

| Constructors in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) with parameters of type [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | |
| --- | --- |
| [**AdjustmentEvent**](http://docs.google.com/java/awt/event/AdjustmentEvent.html#AdjustmentEvent(java.awt.Adjustable,%20int,%20int,%20int))([Adjustable](http://docs.google.com/java/awt/Adjustable.html) source, int id, int type, int value)            Constructs an AdjustmentEvent object with the specified Adjustable source, event type, adjustment type, and value. |
| [**AdjustmentEvent**](http://docs.google.com/java/awt/event/AdjustmentEvent.html#AdjustmentEvent(java.awt.Adjustable,%20int,%20int,%20int,%20boolean))([Adjustable](http://docs.google.com/java/awt/Adjustable.html) source, int id, int type, int value, boolean isAdjusting)            Constructs an AdjustmentEvent object with the specified Adjustable source, event type, adjustment type, and value. |

| Uses of [Adjustable](http://docs.google.com/java/awt/Adjustable.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that implement [Adjustable](http://docs.google.com/java/awt/Adjustable.html) | |
| --- | --- |
| class | [**JScrollBar**](http://docs.google.com/javax/swing/JScrollBar.html)            An implementation of a scrollbar. |
| protected  class | [**JScrollPane.ScrollBar**](http://docs.google.com/javax/swing/JScrollPane.ScrollBar.html)            By default JScrollPane creates scrollbars that are instances of this class. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Adjustable.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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[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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