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

## **java.awt.event**

Class HierarchyBoundsAdapter

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.awt.event.HierarchyBoundsAdapter**

**All Implemented Interfaces:** [HierarchyBoundsListener](http://docs.google.com/java/awt/event/HierarchyBoundsListener.html), [EventListener](http://docs.google.com/java/util/EventListener.html)

public abstract class **HierarchyBoundsAdapter**extends [Object](http://docs.google.com/java/lang/Object.html)implements [HierarchyBoundsListener](http://docs.google.com/java/awt/event/HierarchyBoundsListener.html)

An abstract adapter class for receiving ancestor moved and resized events. The methods in this class are empty. This class exists as a convenience for creating listener objects.

Extend this class and override the method for the event of interest. (If you implement the HierarchyBoundsListener interface, you have to define both methods in it. This abstract class defines null methods for them both, so you only have to define the method for the event you care about.)

Create a listener object using your class and then register it with a Component using the Component's addHierarchyBoundsListener method. When the hierarchy to which the Component belongs changes by resize or movement of an ancestor, the relevant method in the listener object is invoked, and the HierarchyEvent is passed to it.

**Since:** 1.3 **See Also:**[HierarchyBoundsListener](http://docs.google.com/java/awt/event/HierarchyBoundsListener.html), [HierarchyEvent](http://docs.google.com/java/awt/event/HierarchyEvent.html)

| **Constructor Summary** | |
| --- | --- |
| [**HierarchyBoundsAdapter**](http://docs.google.com/java/awt/event/HierarchyBoundsAdapter.html#HierarchyBoundsAdapter())() |

| **Method Summary** | |
| --- | --- |
| void | [**ancestorMoved**](http://docs.google.com/java/awt/event/HierarchyBoundsAdapter.html#ancestorMoved(java.awt.event.HierarchyEvent))([HierarchyEvent](http://docs.google.com/java/awt/event/HierarchyEvent.html) e)            Called when an ancestor of the source is moved. |
| void | [**ancestorResized**](http://docs.google.com/java/awt/event/HierarchyBoundsAdapter.html#ancestorResized(java.awt.event.HierarchyEvent))([HierarchyEvent](http://docs.google.com/java/awt/event/HierarchyEvent.html) e)            Called when an ancestor of the source is resized. |

| **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()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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** |
| --- |

### HierarchyBoundsAdapter

public **HierarchyBoundsAdapter**()

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

### ancestorMoved

public void **ancestorMoved**([HierarchyEvent](http://docs.google.com/java/awt/event/HierarchyEvent.html) e)

Called when an ancestor of the source is moved.

**Specified by:**[ancestorMoved](http://docs.google.com/java/awt/event/HierarchyBoundsListener.html#ancestorMoved(java.awt.event.HierarchyEvent)) in interface [HierarchyBoundsListener](http://docs.google.com/java/awt/event/HierarchyBoundsListener.html)

### ancestorResized

public void **ancestorResized**([HierarchyEvent](http://docs.google.com/java/awt/event/HierarchyEvent.html) e)

Called when an ancestor of the source is resized.

**Specified by:**[ancestorResized](http://docs.google.com/java/awt/event/HierarchyBoundsListener.html#ancestorResized(java.awt.event.HierarchyEvent)) in interface [HierarchyBoundsListener](http://docs.google.com/java/awt/event/HierarchyBoundsListener.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HierarchyBoundsAdapter.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/java/awt/event/FocusListener.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/event/HierarchyBoundsListener.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/event/HierarchyBoundsAdapter.html)    [**NO FRAMES**](http://docs.google.com/HierarchyBoundsAdapter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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