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

**Uses of Interface**

**java.awt.event.HierarchyListener**

| Packages that use [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |

| Uses of [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.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 [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) | |
| --- | --- |
| class | [**AWTEventMulticaster**](http://docs.google.com/java/awt/AWTEventMulticaster.html)            AWTEventMulticaster implements efficient and thread-safe multi-cast event dispatching for the AWT events defined in the java.awt.event package. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) | |
| --- | --- |
| static [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.HierarchyListener,%20java.awt.event.HierarchyListener))([HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) a, [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) b)            Adds hierarchy-listener-a with hierarchy-listener-b and returns the resulting multicast listener. |
| [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html)[] | **Component.**[**getHierarchyListeners**](http://docs.google.com/java/awt/Component.html#getHierarchyListeners())()            Returns an array of all the hierarchy listeners registered on this component. |
| static [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.HierarchyListener,%20java.awt.event.HierarchyListener))([HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) l, [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) oldl)            Removes the old hierarchy-listener from hierarchy-listener-l and returns the resulting multicast listener. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) | |
| --- | --- |
| static [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.HierarchyListener,%20java.awt.event.HierarchyListener))([HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) a, [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) b)            Adds hierarchy-listener-a with hierarchy-listener-b and returns the resulting multicast listener. |
| void | **Component.**[**addHierarchyListener**](http://docs.google.com/java/awt/Component.html#addHierarchyListener(java.awt.event.HierarchyListener))([HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) l)            Adds the specified hierarchy listener to receive hierarchy changed events from this component when the hierarchy to which this container belongs changes. |
| static [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.HierarchyListener,%20java.awt.event.HierarchyListener))([HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) l, [HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) oldl)            Removes the old hierarchy-listener from hierarchy-listener-l and returns the resulting multicast listener. |
| void | **Component.**[**removeHierarchyListener**](http://docs.google.com/java/awt/Component.html#removeHierarchyListener(java.awt.event.HierarchyListener))([HierarchyListener](http://docs.google.com/java/awt/event/HierarchyListener.html) l)            Removes the specified hierarchy listener so that it no longer receives hierarchy changed events from this component. |

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

[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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