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

## **java.awt.event**

Interface HierarchyListener

**All Superinterfaces:** [EventListener](http://docs.google.com/java/util/EventListener.html) **All Known Implementing Classes:** [AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html)

public interface **HierarchyListener**extends [EventListener](http://docs.google.com/java/util/EventListener.html)

The listener interface for receiving hierarchy changed events. The class that is interested in processing a hierarchy changed event should implement this interface. The listener object created from that class is then registered with a Component using the Component's addHierarchyListener method. When the hierarchy to which the Component belongs changes, the hierarchyChanged method in the listener object is invoked, and the HierarchyEvent is passed to it.

Hierarchy events are provided for notification purposes ONLY; The AWT will automatically handle changes to the hierarchy internally so that GUI layout, displayability, and visibility work properly regardless of whether a program registers a HierarchyListener or not.

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

| **Method Summary** | |
| --- | --- |
| void | [**hierarchyChanged**](http://docs.google.com/java/awt/event/HierarchyListener.html#hierarchyChanged(java.awt.event.HierarchyEvent))([HierarchyEvent](http://docs.google.com/java/awt/event/HierarchyEvent.html) e)            Called when the hierarchy has been changed. |

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

### hierarchyChanged

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

Called when the hierarchy has been changed. To discern the actual type of change, call HierarchyEvent.getChangeFlags().

**See Also:**[HierarchyEvent.getChangeFlags()](http://docs.google.com/java/awt/event/HierarchyEvent.html#getChangeFlags())

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

[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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