| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HyperlinkEvent.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/swing/event/EventListenerList.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/event/HyperlinkEvent.html)    [**NO FRAMES**](http://docs.google.com/HyperlinkEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#tyjcwt) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

## **javax.swing.event**

Class HyperlinkEvent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.EventObject](http://docs.google.com/java/util/EventObject.html)  
 **javax.swing.event.HyperlinkEvent**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Direct Known Subclasses:** [HTMLFrameHyperlinkEvent](http://docs.google.com/javax/swing/text/html/HTMLFrameHyperlinkEvent.html)

public class **HyperlinkEvent**extends [EventObject](http://docs.google.com/java/util/EventObject.html)

HyperlinkEvent is used to notify interested parties that something has happened with respect to a hypertext link.

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

| **Nested Class Summary** | |
| --- | --- |
| static class | [**HyperlinkEvent.EventType**](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html)            Defines the ENTERED, EXITED, and ACTIVATED event types, along with their string representations, returned by toString(). |

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [source](http://docs.google.com/java/util/EventObject.html#source) |

| **Constructor Summary** | |
| --- | --- |
| [**HyperlinkEvent**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#HyperlinkEvent(java.lang.Object,%20javax.swing.event.HyperlinkEvent.EventType,%20java.net.URL))([Object](http://docs.google.com/java/lang/Object.html) source, [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type, [URL](http://docs.google.com/java/net/URL.html) u)            Creates a new object representing a hypertext link event. |
| [**HyperlinkEvent**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#HyperlinkEvent(java.lang.Object,%20javax.swing.event.HyperlinkEvent.EventType,%20java.net.URL,%20java.lang.String))([Object](http://docs.google.com/java/lang/Object.html) source, [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type, [URL](http://docs.google.com/java/net/URL.html) u, [String](http://docs.google.com/java/lang/String.html) desc)            Creates a new object representing a hypertext link event. |
| [**HyperlinkEvent**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#HyperlinkEvent(java.lang.Object,%20javax.swing.event.HyperlinkEvent.EventType,%20java.net.URL,%20java.lang.String,%20javax.swing.text.Element))([Object](http://docs.google.com/java/lang/Object.html) source, [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type, [URL](http://docs.google.com/java/net/URL.html) u, [String](http://docs.google.com/java/lang/String.html) desc, [Element](http://docs.google.com/javax/swing/text/Element.html) sourceElement)            Creates a new object representing a hypertext link event. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getDescription**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#getDescription())()            Get the description of the link as a string. |
| [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) | [**getEventType**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#getEventType())()            Gets the type of event. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | [**getSourceElement**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#getSourceElement())()            Returns the Element that corresponds to the source of the event. |
| [URL](http://docs.google.com/java/net/URL.html) | [**getURL**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#getURL())()            Gets the URL that the link refers to. |

| **Methods inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [getSource](http://docs.google.com/java/util/EventObject.html#getSource()), [toString](http://docs.google.com/java/util/EventObject.html#toString()) |

| **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()), [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** |
| --- |

### HyperlinkEvent

public **HyperlinkEvent**([Object](http://docs.google.com/java/lang/Object.html) source,  
 [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type,  
 [URL](http://docs.google.com/java/net/URL.html) u)

Creates a new object representing a hypertext link event. The other constructor is preferred, as it provides more information if a URL could not be formed. This constructor is primarily for backward compatibility.

**Parameters:**source - the object responsible for the eventtype - the event typeu - the affected URL

### HyperlinkEvent

public **HyperlinkEvent**([Object](http://docs.google.com/java/lang/Object.html) source,  
 [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type,  
 [URL](http://docs.google.com/java/net/URL.html) u,  
 [String](http://docs.google.com/java/lang/String.html) desc)

Creates a new object representing a hypertext link event.

**Parameters:**source - the object responsible for the eventtype - the event typeu - the affected URL. This may be null if a valid URL could not be created.desc - the description of the link. This may be useful when attempting to form a URL resulted in a MalformedURLException. The description provides the text used when attempting to form the URL.

### HyperlinkEvent

public **HyperlinkEvent**([Object](http://docs.google.com/java/lang/Object.html) source,  
 [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type,  
 [URL](http://docs.google.com/java/net/URL.html) u,  
 [String](http://docs.google.com/java/lang/String.html) desc,  
 [Element](http://docs.google.com/javax/swing/text/Element.html) sourceElement)

Creates a new object representing a hypertext link event.

**Parameters:**source - the object responsible for the eventtype - the event typeu - the affected URL. This may be null if a valid URL could not be created.desc - the description of the link. This may be useful when attempting to form a URL resulted in a MalformedURLException. The description provides the text used when attempting to form the URL.sourceElement - Element in the Document representing the anchor**Since:** 1.4

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

### getEventType

public [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) **getEventType**()

Gets the type of event.

**Returns:**the type

### getDescription

public [String](http://docs.google.com/java/lang/String.html) **getDescription**()

Get the description of the link as a string. This may be useful if a URL can't be formed from the description, in which case the associated URL would be null.

### getURL

public [URL](http://docs.google.com/java/net/URL.html) **getURL**()

Gets the URL that the link refers to.

**Returns:**the URL

### getSourceElement

public [Element](http://docs.google.com/javax/swing/text/Element.html) **getSourceElement**()

Returns the Element that corresponds to the source of the event. This will typically be an Element representing an anchor. If a constructur that is used that does not specify a source Element, or null was specified as the source Element, this will return null.

**Returns:**Element indicating source of event, or null**Since:** 1.4

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HyperlinkEvent.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| SUMMARY: [NESTED](#3znysh7) | [FIELD](#tyjcwt) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [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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