| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleHyperlink.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/accessibility/AccessibleExtendedText.html)   [**NEXT CLASS**](http://docs.google.com/javax/accessibility/AccessibleHypertext.html) | [**FRAMES**](http://docs.google.com/index.html?javax/accessibility/AccessibleHyperlink.html)    [**NO FRAMES**](http://docs.google.com/AccessibleHyperlink.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

## **javax.accessibility**

Class AccessibleHyperlink

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.accessibility.AccessibleHyperlink**

**All Implemented Interfaces:** [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Direct Known Subclasses:** [JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink.html)

public abstract class **AccessibleHyperlink**extends [Object](http://docs.google.com/java/lang/Object.html)implements [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html)

Encapsulation of a link, or set of links (e.g. client side imagemap) in a Hypertext document

**See Also:**[Accessible](http://docs.google.com/javax/accessibility/Accessible.html), [Accessible.getAccessibleContext()](http://docs.google.com/javax/accessibility/Accessible.html#getAccessibleContext()), [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html), [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html), [AccessibleContext.getAccessibleText()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText())

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

| **Fields inherited from interface javax.accessibility.**[**AccessibleAction**](http://docs.google.com/javax/accessibility/AccessibleAction.html) |
| --- |
| [CLICK](http://docs.google.com/javax/accessibility/AccessibleAction.html#CLICK), [DECREMENT](http://docs.google.com/javax/accessibility/AccessibleAction.html#DECREMENT), [INCREMENT](http://docs.google.com/javax/accessibility/AccessibleAction.html#INCREMENT), [TOGGLE\_EXPAND](http://docs.google.com/javax/accessibility/AccessibleAction.html#TOGGLE_EXPAND), [TOGGLE\_POPUP](http://docs.google.com/javax/accessibility/AccessibleAction.html#TOGGLE_POPUP) |

| **Constructor Summary** | |
| --- | --- |
| [**AccessibleHyperlink**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#AccessibleHyperlink())() |

| **Method Summary** | |
| --- | --- |
| abstract  boolean | [**doAccessibleAction**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#doAccessibleAction(int))(int i)            Performs the specified Action on the object |
| abstract  [Object](http://docs.google.com/java/lang/Object.html) | [**getAccessibleActionAnchor**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getAccessibleActionAnchor(int))(int i)            Returns an object that represents the link anchor, as appropriate for that link. |
| abstract  int | [**getAccessibleActionCount**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getAccessibleActionCount())()            Returns the number of accessible actions available in this Link If there are more than one, the first one is NOT considered the "default" action of this LINK object (e.g. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleActionDescription**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getAccessibleActionDescription(int))(int i)            Returns a String description of this particular link action. |
| abstract  [Object](http://docs.google.com/java/lang/Object.html) | [**getAccessibleActionObject**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getAccessibleActionObject(int))(int i)            Returns an object that represents the link action, as appropriate for that link. |
| abstract  int | [**getEndIndex**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getEndIndex())()            Gets the index with the hypertext document at which this link ends |
| abstract  int | [**getStartIndex**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getStartIndex())()            Gets the index with the hypertext document at which this link begins |
| abstract  boolean | [**isValid**](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#isValid())()            Since the document a link is associated with may have changed, this method returns whether or not this Link is still valid (with respect to the document it references). |

| **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** |
| --- |

### AccessibleHyperlink

public **AccessibleHyperlink**()

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

### isValid

public abstract boolean **isValid**()

Since the document a link is associated with may have changed, this method returns whether or not this Link is still valid (with respect to the document it references).

**Returns:**a flag indicating whether this link is still valid with respect to the AccessibleHypertext it belongs to

### getAccessibleActionCount

public abstract int **getAccessibleActionCount**()

Returns the number of accessible actions available in this Link If there are more than one, the first one is NOT considered the "default" action of this LINK object (e.g. in an HTML imagemap). In general, links will have only one AccessibleAction in them.

**Specified by:**[getAccessibleActionCount](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionCount()) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Returns:**the zero-based number of Actions in this object

### doAccessibleAction

public abstract boolean **doAccessibleAction**(int i)

Performs the specified Action on the object

**Specified by:**[doAccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html#doAccessibleAction(int)) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Parameters:**i - zero-based index of actions **Returns:**true if the action was performed; otherwise false.**See Also:**[getAccessibleActionCount()](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getAccessibleActionCount())

### getAccessibleActionDescription

public abstract [String](http://docs.google.com/java/lang/String.html) **getAccessibleActionDescription**(int i)

Returns a String description of this particular link action. This should be a text string associated with anchoring text, this should be the anchor text. E.g. from HTML: <a HREF="http://www.sun.com/access">Accessibility</a> this method would return "Accessibility". Similarly, from this HTML: <a HREF="#top"><img src="top-hat.gif" alt="top hat"></a> this method would return "top hat"

**Specified by:**[getAccessibleActionDescription](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionDescription(int)) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Parameters:**i - zero-based index of the actions **Returns:**a String description of the action**See Also:**[getAccessibleActionCount()](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getAccessibleActionCount())

### getAccessibleActionObject

public abstract [Object](http://docs.google.com/java/lang/Object.html) **getAccessibleActionObject**(int i)

Returns an object that represents the link action, as appropriate for that link. E.g. from HTML: <a HREF="http://www.sun.com/access">Accessibility</a> this method would return a java.net.URL("http://www.sun.com/access.html");

**Parameters:**i - zero-based index of the actions **Returns:**an Object representing the hypertext link itself**See Also:**[getAccessibleActionCount()](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getAccessibleActionCount())

### getAccessibleActionAnchor

public abstract [Object](http://docs.google.com/java/lang/Object.html) **getAccessibleActionAnchor**(int i)

Returns an object that represents the link anchor, as appropriate for that link. E.g. from HTML: <a href="http://www.sun.com/access">Accessibility</a> this method would return a String containing the text: "Accessibility". Similarly, from this HTML: <a HREF="#top"><img src="top-hat.gif" alt="top hat"></a> this might return the object ImageIcon("top-hat.gif", "top hat");

**Parameters:**i - zero-based index of the actions **Returns:**an Object representing the hypertext anchor**See Also:**[getAccessibleActionCount()](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html#getAccessibleActionCount())

### getStartIndex

public abstract int **getStartIndex**()

Gets the index with the hypertext document at which this link begins

**Returns:**index of start of link

### getEndIndex

public abstract int **getEndIndex**()

Gets the index with the hypertext document at which this link ends

**Returns:**index of end of link

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleHyperlink.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/accessibility/AccessibleExtendedText.html)   [**NEXT CLASS**](http://docs.google.com/javax/accessibility/AccessibleHypertext.html) | [**FRAMES**](http://docs.google.com/index.html?javax/accessibility/AccessibleHyperlink.html)    [**NO FRAMES**](http://docs.google.com/AccessibleHyperlink.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

[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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