| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleContext.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/AccessibleComponent.html)   [**NEXT CLASS**](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) | [**FRAMES**](http://docs.google.com/index.html?javax/accessibility/AccessibleContext.html)    [**NO FRAMES**](http://docs.google.com/AccessibleContext.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#23ckvvd) | [METHOD](#32hioqz) |

## **javax.accessibility**

Class AccessibleContext

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

**Direct Known Subclasses:** [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html), [ImageIcon.AccessibleImageIcon](http://docs.google.com/javax/swing/ImageIcon.AccessibleImageIcon.html), [JList.AccessibleJList.AccessibleJListChild](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html), [JTable.AccessibleJTable.AccessibleJTableCell](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html), [JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html), [JTree.AccessibleJTree.AccessibleJTreeNode](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html), [MenuComponent.AccessibleAWTMenuComponent](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html), [ProgressMonitor.AccessibleProgressMonitor](http://docs.google.com/javax/swing/ProgressMonitor.AccessibleProgressMonitor.html)

public abstract class **AccessibleContext**extends [Object](http://docs.google.com/java/lang/Object.html)

AccessibleContext represents the minimum information all accessible objects return. This information includes the accessible name, description, role, and state of the object, as well as information about its parent and children. AccessibleContext also contains methods for obtaining more specific accessibility information about a component. If the component supports them, these methods will return an object that implements one or more of the following interfaces:

* [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) - the object can perform one or more actions. This interface provides the standard mechanism for an assistive technology to determine what those actions are and tell the object to perform them. Any object that can be manipulated should support this interface.
* [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) - the object has a graphical representation. This interface provides the standard mechanism for an assistive technology to determine and set the graphical representation of the object. Any object that is rendered on the screen should support this interface.
* [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) - the object allows its children to be selected. This interface provides the standard mechanism for an assistive technology to determine the currently selected children of the object as well as modify its selection set. Any object that has children that can be selected should support this interface.
* [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) - the object presents editable textual information on the display. This interface provides the standard mechanism for an assistive technology to access that text via its content, attributes, and spatial location. Any object that contains editable text should support this interface.
* [AccessibleValue](http://docs.google.com/javax/accessibility/AccessibleValue.html) - the object supports a numerical value. This interface provides the standard mechanism for an assistive technology to determine and set the current value of the object, as well as obtain its minimum and maximum values. Any object that supports a numerical value should support this interface.

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_ACTION\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_ACTION_PROPERTY)            Constant used to indicate that the supported set of actions has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_ACTIVE\_DESCENDANT\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_ACTIVE_DESCENDANT_PROPERTY)            Constant used to determine when the active descendant of a component has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_CARET\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_CARET_PROPERTY)            Constant used to determine when the accessibleText caret has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_CHILD\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_CHILD_PROPERTY)            Constant used to determine when Accessible children are added/removed from the object. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_COMPONENT\_BOUNDS\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_COMPONENT_BOUNDS_CHANGED)            PropertyChangeEvent which indicates that a change has occurred in a component's bounds. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_DESCRIPTION\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_DESCRIPTION_PROPERTY)            Constant used to determine when the accessibleDescription property has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_HYPERTEXT\_OFFSET**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_HYPERTEXT_OFFSET)            Constant used to indicate that a hypertext element has received focus. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_INVALIDATE\_CHILDREN**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_INVALIDATE_CHILDREN)            PropertyChangeEvent which indicates that a significant change has occurred to the children of a component like a tree or text. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_NAME\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_NAME_PROPERTY)            Constant used to determine when the accessibleName property has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_SELECTION\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_SELECTION_PROPERTY)            Constant used to determine when the accessibleSelection has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_STATE\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_STATE_PROPERTY)            Constant used to determine when the accessibleStateSet property has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TABLE\_CAPTION\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_CAPTION_CHANGED)            Constant used to indicate that the table caption has changed The old value in the PropertyChangeEvent will be an Accessible representing the previous table caption and the new value will be an Accessible representing the new table caption. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TABLE\_COLUMN\_DESCRIPTION\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_COLUMN_DESCRIPTION_CHANGED)            Constant used to indicate that the column description has changed The old value in the PropertyChangeEvent will be null and the new value will be an Integer representing the column index. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TABLE\_COLUMN\_HEADER\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_COLUMN_HEADER_CHANGED)            Constant used to indicate that the column header has changed The old value in the PropertyChangeEvent will be null and the new value will be an AccessibleTableModelChange representing the header change. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TABLE\_MODEL\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_MODEL_CHANGED)            Constant used to indicate that table data has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TABLE\_ROW\_DESCRIPTION\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_ROW_DESCRIPTION_CHANGED)            Constant used to indicate that the row description has changed The old value in the PropertyChangeEvent will be null and the new value will be an Integer representing the row index. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TABLE\_ROW\_HEADER\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_ROW_HEADER_CHANGED)            Constant used to indicate that the row header has changed The old value in the PropertyChangeEvent will be null and the new value will be an AccessibleTableModelChange representing the header change. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TABLE\_SUMMARY\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_SUMMARY_CHANGED)            Constant used to indicate that the table summary has changed The old value in the PropertyChangeEvent will be an Accessible representing the previous table summary and the new value will be an Accessible representing the new table summary. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TEXT\_ATTRIBUTES\_CHANGED**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_ATTRIBUTES_CHANGED)            PropertyChangeEvent which indicates that text attributes have changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_TEXT\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_PROPERTY)            PropertyChangeEvent which indicates that text has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_VALUE\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VALUE_PROPERTY)            Constant used to determine when the accessibleValue property has changed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY**](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VISIBLE_DATA_PROPERTY)            Constant used to determine when the visual appearance of the object has changed. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**accessibleDescription**](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleDescription)            A localized String containing the description of the object. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**accessibleName**](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleName)            A localized String containing the name of the object. |
| protected  [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**accessibleParent**](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleParent)            The accessible parent of this object. |

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

| **Method Summary** | |
| --- | --- |
| void | [**addPropertyChangeListener**](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener))([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) listener)            Adds a PropertyChangeListener to the listener list. |
| void | [**firePropertyChange**](http://docs.google.com/javax/accessibility/AccessibleContext.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object))([String](http://docs.google.com/java/lang/String.html) propertyName, [Object](http://docs.google.com/java/lang/Object.html) oldValue, [Object](http://docs.google.com/java/lang/Object.html) newValue)            Support for reporting bound property changes. |
| [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) | [**getAccessibleAction**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleAction())()            Gets the AccessibleAction associated with this object that supports one or more actions. |
| abstract  [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleChild**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChild(int))(int i)            Returns the specified Accessible child of the object. |
| abstract  int | [**getAccessibleChildrenCount**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChildrenCount())()            Returns the number of accessible children of the object. |
| [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) | [**getAccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleComponent())()            Gets the AccessibleComponent associated with this object that has a graphical representation. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleDescription**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleDescription())()            Gets the accessibleDescription property of this object. |
| [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) | [**getAccessibleEditableText**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleEditableText())()            Gets the AccessibleEditableText associated with this object presenting editable text on the display. |
| [AccessibleIcon](http://docs.google.com/javax/accessibility/AccessibleIcon.html)[] | [**getAccessibleIcon**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleIcon())()            Gets the AccessibleIcons associated with an object that has one or more associated icons |
| abstract  int | [**getAccessibleIndexInParent**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleIndexInParent())()            Gets the 0-based index of this object in its accessible parent. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleName**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleName())()            Gets the accessibleName property of this object. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleParent**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleParent())()            Gets the Accessible parent of this object. |
| [AccessibleRelationSet](http://docs.google.com/javax/accessibility/AccessibleRelationSet.html) | [**getAccessibleRelationSet**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleRelationSet())()            Gets the AccessibleRelationSet associated with an object |
| abstract  [AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) | [**getAccessibleRole**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleRole())()            Gets the role of this object. |
| [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) | [**getAccessibleSelection**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleSelection())()            Gets the AccessibleSelection associated with this object which allows its Accessible children to be selected. |
| abstract  [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html) | [**getAccessibleStateSet**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet())()            Gets the state set of this object. |
| [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) | [**getAccessibleTable**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleTable())()            Gets the AccessibleTable associated with an object |
| [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) | [**getAccessibleText**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText())()            Gets the AccessibleText associated with this object presenting text on the display. |
| [AccessibleValue](http://docs.google.com/javax/accessibility/AccessibleValue.html) | [**getAccessibleValue**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleValue())()            Gets the AccessibleValue associated with this object that supports a Numerical value. |
| abstract  [Locale](http://docs.google.com/java/util/Locale.html) | [**getLocale**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getLocale())()            Gets the locale of the component. |
| void | [**removePropertyChangeListener**](http://docs.google.com/javax/accessibility/AccessibleContext.html#removePropertyChangeListener(java.beans.PropertyChangeListener))([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) listener)            Removes a PropertyChangeListener from the listener list. |
| void | [**setAccessibleDescription**](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Sets the accessible description of this object. |
| void | [**setAccessibleName**](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Sets the localized accessible name of this object. |
| void | [**setAccessibleParent**](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleParent(javax.accessibility.Accessible))([Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)            Sets the Accessible parent of this object. |

| **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)) |

| **Field Detail** |
| --- |

### ACCESSIBLE\_NAME\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_NAME\_PROPERTY**

Constant used to determine when the accessibleName property has changed. The old value in the PropertyChangeEvent will be the old accessibleName and the new value will be the new accessibleName.

**See Also:**[getAccessibleName()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleName()), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_NAME_PROPERTY)

### ACCESSIBLE\_DESCRIPTION\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_DESCRIPTION\_PROPERTY**

Constant used to determine when the accessibleDescription property has changed. The old value in the PropertyChangeEvent will be the old accessibleDescription and the new value will be the new accessibleDescription.

**See Also:**[getAccessibleDescription()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleDescription()), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_DESCRIPTION_PROPERTY)

### ACCESSIBLE\_STATE\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_STATE\_PROPERTY**

Constant used to determine when the accessibleStateSet property has changed. The old value will be the old AccessibleState and the new value will be the new AccessibleState in the accessibleStateSet. For example, if a component that supports the vertical and horizontal states changes its orientation from vertical to horizontal, the old value will be AccessibleState.VERTICAL and the new value will be AccessibleState.HORIZONTAL. Please note that either value can also be null. For example, when a component changes from being enabled to disabled, the old value will be AccessibleState.ENABLED and the new value will be null.

**See Also:**[getAccessibleStateSet()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet()), [AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html), [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_STATE_PROPERTY)

### ACCESSIBLE\_VALUE\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_VALUE\_PROPERTY**

Constant used to determine when the accessibleValue property has changed. The old value in the PropertyChangeEvent will be a Number representing the old value and the new value will be a Number representing the new value

**See Also:**[getAccessibleValue()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleValue()), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_VALUE_PROPERTY)

### ACCESSIBLE\_SELECTION\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_SELECTION\_PROPERTY**

Constant used to determine when the accessibleSelection has changed. The old and new values in the PropertyChangeEvent are currently reserved for future use.

**See Also:**[getAccessibleSelection()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleSelection()), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_SELECTION_PROPERTY)

### ACCESSIBLE\_CARET\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_CARET\_PROPERTY**

Constant used to determine when the accessibleText caret has changed. The old value in the PropertyChangeEvent will be an integer representing the old caret position, and the new value will be an integer representing the new/current caret position.

**See Also:**[addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_CARET_PROPERTY)

### ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY**

Constant used to determine when the visual appearance of the object has changed. The old and new values in the PropertyChangeEvent are currently reserved for future use.

**See Also:**[addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_VISIBLE_DATA_PROPERTY)

### ACCESSIBLE\_CHILD\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_CHILD\_PROPERTY**

Constant used to determine when Accessible children are added/removed from the object. If an Accessible child is being added, the old value will be null and the new value will be the Accessible child. If an Accessible child is being removed, the old value will be the Accessible child, and the new value will be null.

**See Also:**[addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_CHILD_PROPERTY)

### ACCESSIBLE\_ACTIVE\_DESCENDANT\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_ACTIVE\_DESCENDANT\_PROPERTY**

Constant used to determine when the active descendant of a component has changed. The active descendant is used for objects such as list, tree, and table, which may have transient children. When the active descendant has changed, the old value of the property change event will be the Accessible representing the previous active child, and the new value will be the Accessible representing the current active child.

**See Also:**[addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_ACTIVE_DESCENDANT_PROPERTY)

### ACCESSIBLE\_TABLE\_CAPTION\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TABLE\_CAPTION\_CHANGED**

Constant used to indicate that the table caption has changed The old value in the PropertyChangeEvent will be an Accessible representing the previous table caption and the new value will be an Accessible representing the new table caption.

**See Also:**[Accessible](http://docs.google.com/javax/accessibility/Accessible.html), [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TABLE_CAPTION_CHANGED)

### ACCESSIBLE\_TABLE\_SUMMARY\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TABLE\_SUMMARY\_CHANGED**

Constant used to indicate that the table summary has changed The old value in the PropertyChangeEvent will be an Accessible representing the previous table summary and the new value will be an Accessible representing the new table summary.

**See Also:**[Accessible](http://docs.google.com/javax/accessibility/Accessible.html), [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TABLE_SUMMARY_CHANGED)

### ACCESSIBLE\_TABLE\_MODEL\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TABLE\_MODEL\_CHANGED**

Constant used to indicate that table data has changed. The old value in the PropertyChangeEvent will be null and the new value will be an AccessibleTableModelChange representing the table change.

**See Also:**[AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html), [AccessibleTableModelChange](http://docs.google.com/javax/accessibility/AccessibleTableModelChange.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TABLE_MODEL_CHANGED)

### ACCESSIBLE\_TABLE\_ROW\_HEADER\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TABLE\_ROW\_HEADER\_CHANGED**

Constant used to indicate that the row header has changed The old value in the PropertyChangeEvent will be null and the new value will be an AccessibleTableModelChange representing the header change.

**See Also:**[AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html), [AccessibleTableModelChange](http://docs.google.com/javax/accessibility/AccessibleTableModelChange.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TABLE_ROW_HEADER_CHANGED)

### ACCESSIBLE\_TABLE\_ROW\_DESCRIPTION\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TABLE\_ROW\_DESCRIPTION\_CHANGED**

Constant used to indicate that the row description has changed The old value in the PropertyChangeEvent will be null and the new value will be an Integer representing the row index.

**See Also:**[AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TABLE_ROW_DESCRIPTION_CHANGED)

### ACCESSIBLE\_TABLE\_COLUMN\_HEADER\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TABLE\_COLUMN\_HEADER\_CHANGED**

Constant used to indicate that the column header has changed The old value in the PropertyChangeEvent will be null and the new value will be an AccessibleTableModelChange representing the header change.

**See Also:**[AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html), [AccessibleTableModelChange](http://docs.google.com/javax/accessibility/AccessibleTableModelChange.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TABLE_COLUMN_HEADER_CHANGED)

### ACCESSIBLE\_TABLE\_COLUMN\_DESCRIPTION\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TABLE\_COLUMN\_DESCRIPTION\_CHANGED**

Constant used to indicate that the column description has changed The old value in the PropertyChangeEvent will be null and the new value will be an Integer representing the column index.

**See Also:**[AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TABLE_COLUMN_DESCRIPTION_CHANGED)

### ACCESSIBLE\_ACTION\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_ACTION\_PROPERTY**

Constant used to indicate that the supported set of actions has changed. The old value in the PropertyChangeEvent will be an Integer representing the old number of actions supported and the new value will be an Integer representing the new number of actions supported.

**See Also:**[AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_ACTION_PROPERTY)

### ACCESSIBLE\_HYPERTEXT\_OFFSET

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_HYPERTEXT\_OFFSET**

Constant used to indicate that a hypertext element has received focus. The old value in the PropertyChangeEvent will be an Integer representing the start index in the document of the previous element that had focus and the new value will be an Integer representing the start index in the document of the current element that has focus. A value of -1 indicates that an element does not or did not have focus.

**See Also:**[AccessibleHyperlink](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_HYPERTEXT_OFFSET)

### ACCESSIBLE\_TEXT\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TEXT\_PROPERTY**

PropertyChangeEvent which indicates that text has changed.

For text insertion, the oldValue is null and the newValue is an AccessibleTextSequence specifying the text that was inserted.

For text deletion, the oldValue is an AccessibleTextSequence specifying the text that was deleted and the newValue is null.

For text replacement, the oldValue is an AccessibleTextSequence specifying the old text and the newValue is an AccessibleTextSequence specifying the new text.

**See Also:**[getAccessibleText()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), #AccessibleText.AccessibleTextSequence, [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TEXT_PROPERTY)

### ACCESSIBLE\_INVALIDATE\_CHILDREN

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_INVALIDATE\_CHILDREN**

PropertyChangeEvent which indicates that a significant change has occurred to the children of a component like a tree or text. This change notifies the event listener that it needs to reacquire the state of the subcomponents. The oldValue is null and the newValue is the component whose children have become invalid.

**Since:** 1.5 **See Also:**[getAccessibleText()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), #AccessibleText.AccessibleTextSequence, [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_INVALIDATE_CHILDREN)

### ACCESSIBLE\_TEXT\_ATTRIBUTES\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_TEXT\_ATTRIBUTES\_CHANGED**

PropertyChangeEvent which indicates that text attributes have changed.

For attribute insertion, the oldValue is null and the newValue is an AccessibleAttributeSequence specifying the attributes that were inserted.

For attribute deletion, the oldValue is an AccessibleAttributeSequence specifying the attributes that were deleted and the newValue is null.

For attribute replacement, the oldValue is an AccessibleAttributeSequence specifying the old attributes and the newValue is an AccessibleAttributeSequence specifying the new attributes.

**Since:** 1.5 **See Also:**[getAccessibleText()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), #AccessibleText.AccessibleAttributeSequence, [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_TEXT_ATTRIBUTES_CHANGED)

### ACCESSIBLE\_COMPONENT\_BOUNDS\_CHANGED

public static final [String](http://docs.google.com/java/lang/String.html) **ACCESSIBLE\_COMPONENT\_BOUNDS\_CHANGED**

PropertyChangeEvent which indicates that a change has occurred in a component's bounds. The oldValue is the old component bounds and the newValue is the new component bounds.

**Since:** 1.5 **See Also:**[addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleContext.ACCESSIBLE_COMPONENT_BOUNDS_CHANGED)

### accessibleParent

protected [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **accessibleParent**

The accessible parent of this object.

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

### accessibleName

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

A localized String containing the name of the object.

**See Also:**[getAccessibleName()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleName()), [setAccessibleName(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String))

### accessibleDescription

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

A localized String containing the description of the object.

**See Also:**[getAccessibleDescription()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleDescription()), [setAccessibleDescription(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String))

| **Constructor Detail** |
| --- |

### AccessibleContext

public **AccessibleContext**()

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

### getAccessibleName

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

Gets the accessibleName property of this object. The accessibleName property of an object is a localized String that designates the purpose of the object. For example, the accessibleName property of a label or button might be the text of the label or button itself. In the case of an object that doesn't display its name, the accessibleName should still be set. For example, in the case of a text field used to enter the name of a city, the accessibleName for the en\_US locale could be 'city.'

**Returns:**the localized name of the object; null if this object does not have a name**See Also:**[setAccessibleName(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String))

### setAccessibleName

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

Sets the localized accessible name of this object. Changing the name will cause a PropertyChangeEvent to be fired for the ACCESSIBLE\_NAME\_PROPERTY property.

**Parameters:**s - the new localized name of the object.**See Also:**[getAccessibleName()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleName()), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener))

### getAccessibleDescription

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

Gets the accessibleDescription property of this object. The accessibleDescription property of this object is a short localized phrase describing the purpose of the object. For example, in the case of a 'Cancel' button, the accessibleDescription could be 'Ignore changes and close dialog box.'

**Returns:**the localized description of the object; null if this object does not have a description**See Also:**[setAccessibleDescription(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String))

### setAccessibleDescription

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

Sets the accessible description of this object. Changing the name will cause a PropertyChangeEvent to be fired for the ACCESSIBLE\_DESCRIPTION\_PROPERTY property.

**Parameters:**s - the new localized description of the object**See Also:**[setAccessibleName(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String)), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener))

### getAccessibleRole

public abstract [AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) **getAccessibleRole**()

Gets the role of this object. The role of the object is the generic purpose or use of the class of this object. For example, the role of a push button is AccessibleRole.PUSH\_BUTTON. The roles in AccessibleRole are provided so component developers can pick from a set of predefined roles. This enables assistive technologies to provide a consistent interface to various tweaked subclasses of components (e.g., use AccessibleRole.PUSH\_BUTTON for all components that act like a push button) as well as distinguish between sublasses that behave differently (e.g., AccessibleRole.CHECK\_BOX for check boxes and AccessibleRole.RADIO\_BUTTON for radio buttons).

Note that the AccessibleRole class is also extensible, so custom component developers can define their own AccessibleRole's if the set of predefined roles is inadequate.

**Returns:**an instance of AccessibleRole describing the role of the object**See Also:**[AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html)

### getAccessibleStateSet

public abstract [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html) **getAccessibleStateSet**()

Gets the state set of this object. The AccessibleStateSet of an object is composed of a set of unique AccessibleStates. A change in the AccessibleStateSet of an object will cause a PropertyChangeEvent to be fired for the ACCESSIBLE\_STATE\_PROPERTY property.

**Returns:**an instance of AccessibleStateSet containing the current state set of the object**See Also:**[AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html), [AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener))

### getAccessibleParent

public [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **getAccessibleParent**()

Gets the Accessible parent of this object.

**Returns:**the Accessible parent of this object; null if this object does not have an Accessible parent

### setAccessibleParent

public void **setAccessibleParent**([Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)

Sets the Accessible parent of this object. This is meant to be used only in the situations where the actual component's parent should not be treated as the component's accessible parent and is a method that should only be called by the parent of the accessible child.

**Parameters:**a - - Accessible to be set as the parent

### getAccessibleIndexInParent

public abstract int **getAccessibleIndexInParent**()

Gets the 0-based index of this object in its accessible parent.

**Returns:**the 0-based index of this object in its parent; -1 if this object does not have an accessible parent.**See Also:**[getAccessibleParent()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleParent()), [getAccessibleChildrenCount()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChildrenCount()), [getAccessibleChild(int)](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChild(int))

### getAccessibleChildrenCount

public abstract int **getAccessibleChildrenCount**()

Returns the number of accessible children of the object.

**Returns:**the number of accessible children of the object.

### getAccessibleChild

public abstract [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **getAccessibleChild**(int i)

Returns the specified Accessible child of the object. The Accessible children of an Accessible object are zero-based, so the first child of an Accessible child is at index 0, the second child is at index 1, and so on.

**Parameters:**i - zero-based index of child **Returns:**the Accessible child of the object**See Also:**[getAccessibleChildrenCount()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChildrenCount())

### getLocale

public abstract [Locale](http://docs.google.com/java/util/Locale.html) **getLocale**()  
 throws [IllegalComponentStateException](http://docs.google.com/java/awt/IllegalComponentStateException.html)

Gets the locale of the component. If the component does not have a locale, then the locale of its parent is returned.

**Returns:**this component's locale. If this component does not have a locale, the locale of its parent is returned. **Throws:** [IllegalComponentStateException](http://docs.google.com/java/awt/IllegalComponentStateException.html) - If the Component does not have its own locale and has not yet been added to a containment hierarchy such that the locale can be determined from the containing parent.

### addPropertyChangeListener

public void **addPropertyChangeListener**([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) listener)

Adds a PropertyChangeListener to the listener list. The listener is registered for all Accessible properties and will be called when those properties change.

**Parameters:**listener - The PropertyChangeListener to be added**See Also:**[ACCESSIBLE\_NAME\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_NAME_PROPERTY), [ACCESSIBLE\_DESCRIPTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_DESCRIPTION_PROPERTY), [ACCESSIBLE\_STATE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_STATE_PROPERTY), [ACCESSIBLE\_VALUE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VALUE_PROPERTY), [ACCESSIBLE\_SELECTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_SELECTION_PROPERTY), [ACCESSIBLE\_TEXT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_PROPERTY), [ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VISIBLE_DATA_PROPERTY)

### removePropertyChangeListener

public void **removePropertyChangeListener**([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) listener)

Removes a PropertyChangeListener from the listener list. This removes a PropertyChangeListener that was registered for all properties.

**Parameters:**listener - The PropertyChangeListener to be removed

### getAccessibleAction

public [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **getAccessibleAction**()

Gets the AccessibleAction associated with this object that supports one or more actions.

**Returns:**AccessibleAction if supported by object; else return null**See Also:**[AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html)

### getAccessibleComponent

public [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **getAccessibleComponent**()

Gets the AccessibleComponent associated with this object that has a graphical representation.

**Returns:**AccessibleComponent if supported by object; else return null**See Also:**[AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html)

### getAccessibleSelection

public [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) **getAccessibleSelection**()

Gets the AccessibleSelection associated with this object which allows its Accessible children to be selected.

**Returns:**AccessibleSelection if supported by object; else return null**See Also:**[AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html)

### getAccessibleText

public [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **getAccessibleText**()

Gets the AccessibleText associated with this object presenting text on the display.

**Returns:**AccessibleText if supported by object; else return null**See Also:**[AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html)

### getAccessibleEditableText

public [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **getAccessibleEditableText**()

Gets the AccessibleEditableText associated with this object presenting editable text on the display.

**Returns:**AccessibleEditableText if supported by object; else return null**Since:** 1.4 **See Also:**[AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html)

### getAccessibleValue

public [AccessibleValue](http://docs.google.com/javax/accessibility/AccessibleValue.html) **getAccessibleValue**()

Gets the AccessibleValue associated with this object that supports a Numerical value.

**Returns:**AccessibleValue if supported by object; else return null**See Also:**[AccessibleValue](http://docs.google.com/javax/accessibility/AccessibleValue.html)

### getAccessibleIcon

public [AccessibleIcon](http://docs.google.com/javax/accessibility/AccessibleIcon.html)[] **getAccessibleIcon**()

Gets the AccessibleIcons associated with an object that has one or more associated icons

**Returns:**an array of AccessibleIcon if supported by object; otherwise return null**Since:** 1.3 **See Also:**[AccessibleIcon](http://docs.google.com/javax/accessibility/AccessibleIcon.html)

### getAccessibleRelationSet

public [AccessibleRelationSet](http://docs.google.com/javax/accessibility/AccessibleRelationSet.html) **getAccessibleRelationSet**()

Gets the AccessibleRelationSet associated with an object

**Returns:**an AccessibleRelationSet if supported by object; otherwise return null**Since:** 1.3 **See Also:**[AccessibleRelationSet](http://docs.google.com/javax/accessibility/AccessibleRelationSet.html)

### getAccessibleTable

public [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **getAccessibleTable**()

Gets the AccessibleTable associated with an object

**Returns:**an AccessibleTable if supported by object; otherwise return null**Since:** 1.3 **See Also:**[AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html)

### firePropertyChange

public void **firePropertyChange**([String](http://docs.google.com/java/lang/String.html) propertyName,  
 [Object](http://docs.google.com/java/lang/Object.html) oldValue,  
 [Object](http://docs.google.com/java/lang/Object.html) newValue)

Support for reporting bound property changes. If oldValue and newValue are not equal and the PropertyChangeEvent listener list is not empty, then fire a PropertyChange event to each listener. In general, this is for use by the Accessible objects themselves and should not be called by an application program.

**Parameters:**propertyName - The programmatic name of the property that was changed.oldValue - The old value of the property.newValue - The new value of the property.**See Also:**[PropertyChangeSupport](http://docs.google.com/java/beans/PropertyChangeSupport.html), [addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [removePropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#removePropertyChangeListener(java.beans.PropertyChangeListener)), [ACCESSIBLE\_NAME\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_NAME_PROPERTY), [ACCESSIBLE\_DESCRIPTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_DESCRIPTION_PROPERTY), [ACCESSIBLE\_STATE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_STATE_PROPERTY), [ACCESSIBLE\_VALUE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VALUE_PROPERTY), [ACCESSIBLE\_SELECTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_SELECTION_PROPERTY), [ACCESSIBLE\_TEXT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_PROPERTY), [ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VISIBLE_DATA_PROPERTY)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleContext.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/AccessibleComponent.html)   [**NEXT CLASS**](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) | [**FRAMES**](http://docs.google.com/index.html?javax/accessibility/AccessibleContext.html)    [**NO FRAMES**](http://docs.google.com/AccessibleContext.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#23ckvvd) | [METHOD](#32hioqz) |

[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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