| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JComponent.AccessibleJComponent.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/JComponent.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleContainerHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/JComponent.AccessibleJComponent.html)    [**NO FRAMES**](http://docs.google.com/JComponent.AccessibleJComponent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#tyjcwt) | [CONSTR](#4d34og8) | [METHOD](#2s8eyo1) | DETAIL: [FIELD](#1ksv4uv) | [CONSTR](#z337ya) | [METHOD](#1y810tw) |

## **javax.swing**

Class JComponent.AccessibleJComponent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.accessibility.AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html)  
 [java.awt.Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html)  
 [java.awt.Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html)  
 **javax.swing.JComponent.AccessibleJComponent**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html), [AccessibleExtendedComponent](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html) **Direct Known Subclasses:** [AbstractButton.AccessibleAbstractButton](http://docs.google.com/javax/swing/AbstractButton.AccessibleAbstractButton.html), [JColorChooser.AccessibleJColorChooser](http://docs.google.com/javax/swing/JColorChooser.AccessibleJColorChooser.html), [JComboBox.AccessibleJComboBox](http://docs.google.com/javax/swing/JComboBox.AccessibleJComboBox.html), [JDesktopPane.AccessibleJDesktopPane](http://docs.google.com/javax/swing/JDesktopPane.AccessibleJDesktopPane.html), [JFileChooser.AccessibleJFileChooser](http://docs.google.com/javax/swing/JFileChooser.AccessibleJFileChooser.html), [JInternalFrame.AccessibleJInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.AccessibleJInternalFrame.html), [JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon.html), [JLabel.AccessibleJLabel](http://docs.google.com/javax/swing/JLabel.AccessibleJLabel.html), [JLayeredPane.AccessibleJLayeredPane](http://docs.google.com/javax/swing/JLayeredPane.AccessibleJLayeredPane.html), [JList.AccessibleJList](http://docs.google.com/javax/swing/JList.AccessibleJList.html), [JMenuBar.AccessibleJMenuBar](http://docs.google.com/javax/swing/JMenuBar.AccessibleJMenuBar.html), [JOptionPane.AccessibleJOptionPane](http://docs.google.com/javax/swing/JOptionPane.AccessibleJOptionPane.html), [JPanel.AccessibleJPanel](http://docs.google.com/javax/swing/JPanel.AccessibleJPanel.html), [JPopupMenu.AccessibleJPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.AccessibleJPopupMenu.html), [JProgressBar.AccessibleJProgressBar](http://docs.google.com/javax/swing/JProgressBar.AccessibleJProgressBar.html), [JRootPane.AccessibleJRootPane](http://docs.google.com/javax/swing/JRootPane.AccessibleJRootPane.html), [JScrollBar.AccessibleJScrollBar](http://docs.google.com/javax/swing/JScrollBar.AccessibleJScrollBar.html), [JScrollPane.AccessibleJScrollPane](http://docs.google.com/javax/swing/JScrollPane.AccessibleJScrollPane.html), [JSeparator.AccessibleJSeparator](http://docs.google.com/javax/swing/JSeparator.AccessibleJSeparator.html), [JSlider.AccessibleJSlider](http://docs.google.com/javax/swing/JSlider.AccessibleJSlider.html), [JSpinner.AccessibleJSpinner](http://docs.google.com/javax/swing/JSpinner.AccessibleJSpinner.html), [JSplitPane.AccessibleJSplitPane](http://docs.google.com/javax/swing/JSplitPane.AccessibleJSplitPane.html), [JTabbedPane.AccessibleJTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.AccessibleJTabbedPane.html), [JTable.AccessibleJTable](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html), [JTableHeader.AccessibleJTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.html), [JTextComponent.AccessibleJTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html), [JToolBar.AccessibleJToolBar](http://docs.google.com/javax/swing/JToolBar.AccessibleJToolBar.html), [JToolTip.AccessibleJToolTip](http://docs.google.com/javax/swing/JToolTip.AccessibleJToolTip.html), [JTree.AccessibleJTree](http://docs.google.com/javax/swing/JTree.AccessibleJTree.html), [JViewport.AccessibleJViewport](http://docs.google.com/javax/swing/JViewport.AccessibleJViewport.html) **Enclosing class:**[JComponent](http://docs.google.com/javax/swing/JComponent.html)

public abstract class **JComponent.AccessibleJComponent**extends [Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html)implements [AccessibleExtendedComponent](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html)

Inner class of JComponent used to provide default support for accessibility. This class is not meant to be used directly by application developers, but is instead meant only to be subclassed by component developers.

**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** | |
| --- | --- |
| protected  class | [**JComponent.AccessibleJComponent.AccessibleContainerHandler**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleContainerHandler.html)            Fire PropertyChange listener, if one is registered, when children added/removed. |
| protected  class | [**JComponent.AccessibleJComponent.AccessibleFocusHandler**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleFocusHandler.html)            Fire PropertyChange listener, if one is registered, when focus events happen |

| **Nested classes/interfaces inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
| --- |
| [Component.AccessibleAWTComponent.AccessibleAWTComponentHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.AccessibleAWTComponentHandler.html), [Component.AccessibleAWTComponent.AccessibleAWTFocusHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.AccessibleAWTFocusHandler.html) |

| **Field Summary** | |
| --- | --- |
| protected  [ContainerListener](http://docs.google.com/java/awt/event/ContainerListener.html) | [**accessibleContainerHandler**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#accessibleContainerHandler) |
| protected  [FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) | [**accessibleFocusHandler**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#accessibleFocusHandler) |

| **Fields inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
| --- |
| [accessibleAWTComponentHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#accessibleAWTComponentHandler), [accessibleAWTFocusHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#accessibleAWTFocusHandler) |

| **Fields inherited from class javax.accessibility.**[**AccessibleContext**](http://docs.google.com/javax/accessibility/AccessibleContext.html) |
| --- |
| [ACCESSIBLE\_ACTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_ACTION_PROPERTY), [ACCESSIBLE\_ACTIVE\_DESCENDANT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_ACTIVE_DESCENDANT_PROPERTY), [ACCESSIBLE\_CARET\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_CARET_PROPERTY), [ACCESSIBLE\_CHILD\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_CHILD_PROPERTY), [ACCESSIBLE\_COMPONENT\_BOUNDS\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_COMPONENT_BOUNDS_CHANGED), [ACCESSIBLE\_DESCRIPTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_DESCRIPTION_PROPERTY), [ACCESSIBLE\_HYPERTEXT\_OFFSET](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_HYPERTEXT_OFFSET), [ACCESSIBLE\_INVALIDATE\_CHILDREN](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_INVALIDATE_CHILDREN), [ACCESSIBLE\_NAME\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_NAME_PROPERTY), [ACCESSIBLE\_SELECTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_SELECTION_PROPERTY), [ACCESSIBLE\_STATE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_STATE_PROPERTY), [ACCESSIBLE\_TABLE\_CAPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_CAPTION_CHANGED), [ACCESSIBLE\_TABLE\_COLUMN\_DESCRIPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_COLUMN_DESCRIPTION_CHANGED), [ACCESSIBLE\_TABLE\_COLUMN\_HEADER\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_COLUMN_HEADER_CHANGED), [ACCESSIBLE\_TABLE\_MODEL\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_MODEL_CHANGED), [ACCESSIBLE\_TABLE\_ROW\_DESCRIPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_ROW_DESCRIPTION_CHANGED), [ACCESSIBLE\_TABLE\_ROW\_HEADER\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_ROW_HEADER_CHANGED), [ACCESSIBLE\_TABLE\_SUMMARY\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_SUMMARY_CHANGED), [ACCESSIBLE\_TEXT\_ATTRIBUTES\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_ATTRIBUTES_CHANGED), [ACCESSIBLE\_TEXT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_PROPERTY), [ACCESSIBLE\_VALUE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VALUE_PROPERTY), [ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VISIBLE_DATA_PROPERTY), [accessibleDescription](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleDescription), [accessibleName](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleName), [accessibleParent](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleParent) |

| **Constructor Summary** | |
| --- | --- |
| protected | [**JComponent.AccessibleJComponent**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#JComponent.AccessibleJComponent())()            Though the class is abstract, this should be called by all sub-classes. |

| **Method Summary** | |
| --- | --- |
| void | [**addPropertyChangeListener**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#addPropertyChangeListener(java.beans.PropertyChangeListener))([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) listener)            Adds a PropertyChangeListener to the listener list. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleChild**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleChild(int))(int i)            Returns the nth Accessible child of the object. |
| int | [**getAccessibleChildrenCount**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleChildrenCount())()            Returns the number of accessible children in the object. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleDescription**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleDescription())()            Gets the accessible description of this object. |
| [AccessibleKeyBinding](http://docs.google.com/javax/accessibility/AccessibleKeyBinding.html) | [**getAccessibleKeyBinding**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleKeyBinding())()            Returns key bindings associated with this object |
| [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleName**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleName())()            Gets the accessible name of this object. |
| [AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) | [**getAccessibleRole**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleRole())()            Gets the role of this object. |
| [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html) | [**getAccessibleStateSet**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleStateSet())()            Gets the state of this object. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**getBorderTitle**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getBorderTitle(javax.swing.border.Border))([Border](http://docs.google.com/javax/swing/border/Border.html) b)            Recursively search through the border hierarchy (if it exists) for a TitledBorder with a non-null title. |
| [String](http://docs.google.com/java/lang/String.html) | [**getTitledBorderText**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getTitledBorderText())()            Returns the titled border text |
| [String](http://docs.google.com/java/lang/String.html) | [**getToolTipText**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getToolTipText())()            Returns the tool tip text |
| void | [**removePropertyChangeListener**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#removePropertyChangeListener(java.beans.PropertyChangeListener))([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) listener)            Removes a PropertyChangeListener from the listener list. |

| **Methods inherited from class java.awt.**[**Container.AccessibleAWTContainer**](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html) |
| --- |
| [getAccessibleAt](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html#getAccessibleAt(java.awt.Point)) |

| **Methods inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
| --- |
| [addFocusListener](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#addFocusListener(java.awt.event.FocusListener)), [contains](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#contains(java.awt.Point)), [getAccessibleComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleComponent()), [getAccessibleIndexInParent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleIndexInParent()), [getAccessibleParent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleParent()), [getBackground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getBackground()), [getBounds](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getBounds()), [getCursor](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getCursor()), [getFont](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getFont()), [getFontMetrics](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getFontMetrics(java.awt.Font)), [getForeground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getForeground()), [getLocale](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocale()), [getLocation](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocation()), [getLocationOnScreen](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocationOnScreen()), [getSize](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getSize()), [isEnabled](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isEnabled()), [isFocusTraversable](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isFocusTraversable()), [isShowing](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isShowing()), [isVisible](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isVisible()), [removeFocusListener](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#removeFocusListener(java.awt.event.FocusListener)), [requestFocus](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#requestFocus()), [setBackground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setBackground(java.awt.Color)), [setBounds](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setBounds(java.awt.Rectangle)), [setCursor](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setCursor(java.awt.Cursor)), [setEnabled](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setEnabled(boolean)), [setFont](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setFont(java.awt.Font)), [setForeground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setForeground(java.awt.Color)), [setLocation](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setLocation(java.awt.Point)), [setSize](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setSize(java.awt.Dimension)), [setVisible](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setVisible(boolean)) |

| **Methods inherited from class javax.accessibility.**[**AccessibleContext**](http://docs.google.com/javax/accessibility/AccessibleContext.html) |
| --- |
| [firePropertyChange](http://docs.google.com/javax/accessibility/AccessibleContext.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [getAccessibleAction](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleAction()), [getAccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleEditableText()), [getAccessibleIcon](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleIcon()), [getAccessibleRelationSet](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleRelationSet()), [getAccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleSelection()), [getAccessibleTable](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleTable()), [getAccessibleText](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()), [getAccessibleValue](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleValue()), [setAccessibleDescription](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String)), [setAccessibleName](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String)), [setAccessibleParent](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleParent(javax.accessibility.Accessible)) |

| **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)) |

| **Methods inherited from interface javax.accessibility.**[**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html) |
| --- |
| [addFocusListener](http://docs.google.com/javax/accessibility/AccessibleComponent.html#addFocusListener(java.awt.event.FocusListener)), [contains](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point)), [getAccessibleAt](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getAccessibleAt(java.awt.Point)), [getBackground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBackground()), [getBounds](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()), [getCursor](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getCursor()), [getFont](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont()), [getFontMetrics](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFontMetrics(java.awt.Font)), [getForeground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getForeground()), [getLocation](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation()), [getLocationOnScreen](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen()), [getSize](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize()), [isEnabled](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isEnabled()), [isFocusTraversable](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isFocusTraversable()), [isShowing](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isShowing()), [isVisible](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isVisible()), [removeFocusListener](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener)), [requestFocus](http://docs.google.com/javax/accessibility/AccessibleComponent.html#requestFocus()), [setBackground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color)), [setBounds](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBounds(java.awt.Rectangle)), [setCursor](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setCursor(java.awt.Cursor)), [setEnabled](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setEnabled(boolean)), [setFont](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setFont(java.awt.Font)), [setForeground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setForeground(java.awt.Color)), [setLocation](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setLocation(java.awt.Point)), [setSize](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension)), [setVisible](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setVisible(boolean)) |

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

### accessibleContainerHandler

protected [ContainerListener](http://docs.google.com/java/awt/event/ContainerListener.html) **accessibleContainerHandler**

### accessibleFocusHandler

protected [FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) **accessibleFocusHandler**

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

### JComponent.AccessibleJComponent

protected **JComponent.AccessibleJComponent**()

Though the class is abstract, this should be called by all sub-classes.

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

### addPropertyChangeListener

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

Adds a PropertyChangeListener to the listener list.

**Overrides:**[addPropertyChangeListener](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html#addPropertyChangeListener(java.beans.PropertyChangeListener)) in class [Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html) **Parameters:**listener - the PropertyChangeListener to be added**See Also:**[AccessibleContext.ACCESSIBLE\_NAME\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_NAME_PROPERTY), [AccessibleContext.ACCESSIBLE\_DESCRIPTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_DESCRIPTION_PROPERTY), [AccessibleContext.ACCESSIBLE\_STATE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_STATE_PROPERTY), [AccessibleContext.ACCESSIBLE\_VALUE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VALUE_PROPERTY), [AccessibleContext.ACCESSIBLE\_SELECTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_SELECTION_PROPERTY), [AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_PROPERTY), [AccessibleContext.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.

**Overrides:**[removePropertyChangeListener](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) in class [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) **Parameters:**listener - the PropertyChangeListener to be removed

### getBorderTitle

protected [String](http://docs.google.com/java/lang/String.html) **getBorderTitle**([Border](http://docs.google.com/javax/swing/border/Border.html) b)

Recursively search through the border hierarchy (if it exists) for a TitledBorder with a non-null title. This does a depth first search on first the inside borders then the outside borders. The assumption is that titles make really pretty inside borders but not very pretty outside borders in compound border situations. It's rather arbitrary, but hopefully decent UI programmers will not create multiple titled borders for the same component.

### getAccessibleName

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

Gets the accessible name of this object. This should almost never return java.awt.Component.getName(), as that generally isn't a localized name, and doesn't have meaning for the user. If the object is fundamentally a text object (such as a menu item), the accessible name should be the text of the object (for example, "save"). If the object has a tooltip, the tooltip text may also be an appropriate String to return.

**Overrides:**[getAccessibleName](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleName()) in class [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) **Returns:**the localized name of the object -- can be null if this object does not have a name**See Also:**[AccessibleContext.setAccessibleName(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String))

### getAccessibleDescription

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

Gets the accessible description of this object. This should be a concise, localized description of what this object is - what is its meaning to the user. If the object has a tooltip, the tooltip text may be an appropriate string to return, assuming it contains a concise description of the object (instead of just the name of the object - for example a "Save" icon on a toolbar that had "save" as the tooltip text shouldn't return the tooltip text as the description, but something like "Saves the current text document" instead).

**Overrides:**[getAccessibleDescription](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleDescription()) in class [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) **Returns:**the localized description of the object -- can be null if this object does not have a description**See Also:**[AccessibleContext.setAccessibleDescription(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String))

### getAccessibleRole

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

Gets the role of this object.

**Overrides:**[getAccessibleRole](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleRole()) in class [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) **Returns:**an instance of AccessibleRole describing the role of the object**See Also:**[AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html)

### getAccessibleStateSet

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

Gets the state of this object.

**Overrides:**[getAccessibleStateSet](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleStateSet()) in class [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) **Returns:**an instance of AccessibleStateSet containing the current state set of the object**See Also:**[AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)

### getAccessibleChildrenCount

public int **getAccessibleChildrenCount**()

Returns the number of accessible children in the object. If all of the children of this object implement Accessible, than this method should return the number of children of this object.

**Overrides:**[getAccessibleChildrenCount](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html#getAccessibleChildrenCount()) in class [Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html) **Returns:**the number of accessible children in the object.

### getAccessibleChild

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

Returns the nth Accessible child of the object.

**Overrides:**[getAccessibleChild](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html#getAccessibleChild(int)) in class [Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html) **Parameters:**i - zero-based index of child **Returns:**the nth Accessible child of the object**See Also:**[AccessibleContext.getAccessibleChildrenCount()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChildrenCount())

### getToolTipText

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

Returns the tool tip text

**Specified by:**[getToolTipText](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html#getToolTipText()) in interface [AccessibleExtendedComponent](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html) **Returns:**the tool tip text, if supported, of the object; otherwise, null**Since:** 1.4

### getTitledBorderText

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

Returns the titled border text

**Specified by:**[getTitledBorderText](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html#getTitledBorderText()) in interface [AccessibleExtendedComponent](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html) **Returns:**the titled border text, if supported, of the object; otherwise, null**Since:** 1.4

### getAccessibleKeyBinding

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

Returns key bindings associated with this object

**Specified by:**[getAccessibleKeyBinding](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html#getAccessibleKeyBinding()) in interface [AccessibleExtendedComponent](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html) **Returns:**the key bindings, if supported, of the object; otherwise, null**Since:** 1.4 **See Also:**[AccessibleKeyBinding](http://docs.google.com/javax/accessibility/AccessibleKeyBinding.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JComponent.AccessibleJComponent.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/JComponent.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleContainerHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/JComponent.AccessibleJComponent.html)    [**NO FRAMES**](http://docs.google.com/JComponent.AccessibleJComponent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#tyjcwt) | [CONSTR](#4d34og8) | [METHOD](#2s8eyo1) | DETAIL: [FIELD](#1ksv4uv) | [CONSTR](#z337ya) | [METHOD](#1y810tw) |

[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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