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

## **javax.accessibility**

Interface AccessibleComponent

**All Known Subinterfaces:** [AccessibleExtendedComponent](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html) **All Known Implementing Classes:** [AbstractButton.AccessibleAbstractButton](http://docs.google.com/javax/swing/AbstractButton.AccessibleAbstractButton.html), [Applet.AccessibleApplet](http://docs.google.com/java/applet/Applet.AccessibleApplet.html), [Box.AccessibleBox](http://docs.google.com/javax/swing/Box.AccessibleBox.html), [Box.Filler.AccessibleBoxFiller](http://docs.google.com/javax/swing/Box.Filler.AccessibleBoxFiller.html), [Button.AccessibleAWTButton](http://docs.google.com/java/awt/Button.AccessibleAWTButton.html), [Canvas.AccessibleAWTCanvas](http://docs.google.com/java/awt/Canvas.AccessibleAWTCanvas.html), [CellRendererPane.AccessibleCellRendererPane](http://docs.google.com/javax/swing/CellRendererPane.AccessibleCellRendererPane.html), [Checkbox.AccessibleAWTCheckbox](http://docs.google.com/java/awt/Checkbox.AccessibleAWTCheckbox.html), [CheckboxMenuItem.AccessibleAWTCheckboxMenuItem](http://docs.google.com/java/awt/CheckboxMenuItem.AccessibleAWTCheckboxMenuItem.html), [Choice.AccessibleAWTChoice](http://docs.google.com/java/awt/Choice.AccessibleAWTChoice.html), [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html), [Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html), [Dialog.AccessibleAWTDialog](http://docs.google.com/java/awt/Dialog.AccessibleAWTDialog.html), [Frame.AccessibleAWTFrame](http://docs.google.com/java/awt/Frame.AccessibleAWTFrame.html), [JApplet.AccessibleJApplet](http://docs.google.com/javax/swing/JApplet.AccessibleJApplet.html), [JButton.AccessibleJButton](http://docs.google.com/javax/swing/JButton.AccessibleJButton.html), [JCheckBox.AccessibleJCheckBox](http://docs.google.com/javax/swing/JCheckBox.AccessibleJCheckBox.html), [JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem.html), [JColorChooser.AccessibleJColorChooser](http://docs.google.com/javax/swing/JColorChooser.AccessibleJColorChooser.html), [JComboBox.AccessibleJComboBox](http://docs.google.com/javax/swing/JComboBox.AccessibleJComboBox.html), [JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html), [JDesktopPane.AccessibleJDesktopPane](http://docs.google.com/javax/swing/JDesktopPane.AccessibleJDesktopPane.html), [JDialog.AccessibleJDialog](http://docs.google.com/javax/swing/JDialog.AccessibleJDialog.html), [JEditorPane.AccessibleJEditorPane](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPane.html), [JEditorPane.AccessibleJEditorPaneHTML](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPaneHTML.html), [JEditorPane.JEditorPaneAccessibleHypertextSupport](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.html), [JFileChooser.AccessibleJFileChooser](http://docs.google.com/javax/swing/JFileChooser.AccessibleJFileChooser.html), [JFrame.AccessibleJFrame](http://docs.google.com/javax/swing/JFrame.AccessibleJFrame.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), [JList.AccessibleJList.AccessibleJListChild](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html), [JMenu.AccessibleJMenu](http://docs.google.com/javax/swing/JMenu.AccessibleJMenu.html), [JMenuBar.AccessibleJMenuBar](http://docs.google.com/javax/swing/JMenuBar.AccessibleJMenuBar.html), [JMenuItem.AccessibleJMenuItem](http://docs.google.com/javax/swing/JMenuItem.AccessibleJMenuItem.html), [JOptionPane.AccessibleJOptionPane](http://docs.google.com/javax/swing/JOptionPane.AccessibleJOptionPane.html), [JPanel.AccessibleJPanel](http://docs.google.com/javax/swing/JPanel.AccessibleJPanel.html), [JPasswordField.AccessibleJPasswordField](http://docs.google.com/javax/swing/JPasswordField.AccessibleJPasswordField.html), [JPopupMenu.AccessibleJPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.AccessibleJPopupMenu.html), [JProgressBar.AccessibleJProgressBar](http://docs.google.com/javax/swing/JProgressBar.AccessibleJProgressBar.html), [JRadioButton.AccessibleJRadioButton](http://docs.google.com/javax/swing/JRadioButton.AccessibleJRadioButton.html), [JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem.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), [JTable.AccessibleJTable.AccessibleJTableCell](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html), [JTableHeader.AccessibleJTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.html), [JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html), [JTextArea.AccessibleJTextArea](http://docs.google.com/javax/swing/JTextArea.AccessibleJTextArea.html), [JTextComponent.AccessibleJTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html), [JTextField.AccessibleJTextField](http://docs.google.com/javax/swing/JTextField.AccessibleJTextField.html), [JToggleButton.AccessibleJToggleButton](http://docs.google.com/javax/swing/JToggleButton.AccessibleJToggleButton.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), [JTree.AccessibleJTree.AccessibleJTreeNode](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html), [JViewport.AccessibleJViewport](http://docs.google.com/javax/swing/JViewport.AccessibleJViewport.html), [JWindow.AccessibleJWindow](http://docs.google.com/javax/swing/JWindow.AccessibleJWindow.html), [Label.AccessibleAWTLabel](http://docs.google.com/java/awt/Label.AccessibleAWTLabel.html), [List.AccessibleAWTList](http://docs.google.com/java/awt/List.AccessibleAWTList.html), [List.AccessibleAWTList.AccessibleAWTListChild](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html), [Menu.AccessibleAWTMenu](http://docs.google.com/java/awt/Menu.AccessibleAWTMenu.html), [MenuBar.AccessibleAWTMenuBar](http://docs.google.com/java/awt/MenuBar.AccessibleAWTMenuBar.html), [MenuComponent.AccessibleAWTMenuComponent](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html), [MenuItem.AccessibleAWTMenuItem](http://docs.google.com/java/awt/MenuItem.AccessibleAWTMenuItem.html), [Panel.AccessibleAWTPanel](http://docs.google.com/java/awt/Panel.AccessibleAWTPanel.html), [PopupMenu.AccessibleAWTPopupMenu](http://docs.google.com/java/awt/PopupMenu.AccessibleAWTPopupMenu.html), [Scrollbar.AccessibleAWTScrollBar](http://docs.google.com/java/awt/Scrollbar.AccessibleAWTScrollBar.html), [ScrollPane.AccessibleAWTScrollPane](http://docs.google.com/java/awt/ScrollPane.AccessibleAWTScrollPane.html), [TextArea.AccessibleAWTTextArea](http://docs.google.com/java/awt/TextArea.AccessibleAWTTextArea.html), [TextComponent.AccessibleAWTTextComponent](http://docs.google.com/java/awt/TextComponent.AccessibleAWTTextComponent.html), [TextField.AccessibleAWTTextField](http://docs.google.com/java/awt/TextField.AccessibleAWTTextField.html), [Window.AccessibleAWTWindow](http://docs.google.com/java/awt/Window.AccessibleAWTWindow.html)

public interface **AccessibleComponent**

The AccessibleComponent interface should be supported by any object that is rendered on the screen. This interface provides the standard mechanism for an assistive technology to determine and set the graphical representation of an object. Applications can determine if an object supports the AccessibleComponent interface by first obtaining its AccessibleContext and then calling the [AccessibleContext.getAccessibleComponent()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleComponent()) method. If the return value is not null, the object supports this interface.

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

| **Method Summary** | |
| --- | --- |
| void | [**addFocusListener**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#addFocusListener(java.awt.event.FocusListener))([FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) l)            Adds the specified focus listener to receive focus events from this component. |
| boolean | [**contains**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleAt**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Color](http://docs.google.com/java/awt/Color.html) | [**getBackground**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBackground())()            Gets the background color of this object. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | [**getBounds**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds())()            Gets the bounds of this object in the form of a Rectangle object. |
| [Cursor](http://docs.google.com/java/awt/Cursor.html) | [**getCursor**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getCursor())()            Gets the Cursor of this object. |
| [Font](http://docs.google.com/java/awt/Font.html) | [**getFont**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont())()            Gets the Font of this object. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | [**getFontMetrics**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Gets the FontMetrics of this object. |
| [Color](http://docs.google.com/java/awt/Color.html) | [**getForeground**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getForeground())()            Gets the foreground color of this object. |
| [Point](http://docs.google.com/java/awt/Point.html) | [**getLocation**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation())()            Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space. |
| [Point](http://docs.google.com/java/awt/Point.html) | [**getLocationOnScreen**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen())()            Returns the location of the object on the screen. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**getSize**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize())()            Returns the size of this object in the form of a Dimension object. |
| boolean | [**isEnabled**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isEnabled())()            Determines if the object is enabled. |
| boolean | [**isFocusTraversable**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isFocusTraversable())()            Returns whether this object can accept focus or not. |
| boolean | [**isShowing**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isShowing())()            Determines if the object is showing. |
| boolean | [**isVisible**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isVisible())()            Determines if the object is visible. |
| void | [**removeFocusListener**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener))([FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) l)            Removes the specified focus listener so it no longer receives focus events from this component. |
| void | [**requestFocus**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#requestFocus())()            Requests focus for this object. |
| void | [**setBackground**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color))([Color](http://docs.google.com/java/awt/Color.html) c)            Sets the background color of this object. |
| void | [**setBounds**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBounds(java.awt.Rectangle))([Rectangle](http://docs.google.com/java/awt/Rectangle.html) r)            Sets the bounds of this object in the form of a Rectangle object. |
| void | [**setCursor**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setCursor(java.awt.Cursor))([Cursor](http://docs.google.com/java/awt/Cursor.html) cursor)            Sets the Cursor of this object. |
| void | [**setEnabled**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setEnabled(boolean))(boolean b)            Sets the enabled state of the object. |
| void | [**setFont**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setFont(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Sets the Font of this object. |
| void | [**setForeground**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setForeground(java.awt.Color))([Color](http://docs.google.com/java/awt/Color.html) c)            Sets the foreground color of this object. |
| void | [**setLocation**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the location of the object relative to the parent. |
| void | [**setSize**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Resizes this object so that it has width and height. |
| void | [**setVisible**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setVisible(boolean))(boolean b)            Sets the visible state of the object. |

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

### getBackground

[Color](http://docs.google.com/java/awt/Color.html) **getBackground**()

Gets the background color of this object.

**Returns:**the background color, if supported, of the object; otherwise, null**See Also:**[setBackground(java.awt.Color)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color))

### setBackground

void **setBackground**([Color](http://docs.google.com/java/awt/Color.html) c)

Sets the background color of this object.

**Parameters:**c - the new Color for the background**See Also:**[setBackground(java.awt.Color)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color))

### getForeground

[Color](http://docs.google.com/java/awt/Color.html) **getForeground**()

Gets the foreground color of this object.

**Returns:**the foreground color, if supported, of the object; otherwise, null**See Also:**[setForeground(java.awt.Color)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setForeground(java.awt.Color))

### setForeground

void **setForeground**([Color](http://docs.google.com/java/awt/Color.html) c)

Sets the foreground color of this object.

**Parameters:**c - the new Color for the foreground**See Also:**[getForeground()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getForeground())

### getCursor

[Cursor](http://docs.google.com/java/awt/Cursor.html) **getCursor**()

Gets the Cursor of this object.

**Returns:**the Cursor, if supported, of the object; otherwise, null**See Also:**[setCursor(java.awt.Cursor)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setCursor(java.awt.Cursor))

### setCursor

void **setCursor**([Cursor](http://docs.google.com/java/awt/Cursor.html) cursor)

Sets the Cursor of this object.

**Parameters:**cursor - the new Cursor for the object**See Also:**[getCursor()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getCursor())

### getFont

[Font](http://docs.google.com/java/awt/Font.html) **getFont**()

Gets the Font of this object.

**Returns:**the Font,if supported, for the object; otherwise, null**See Also:**[setFont(java.awt.Font)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setFont(java.awt.Font))

### setFont

void **setFont**([Font](http://docs.google.com/java/awt/Font.html) f)

Sets the Font of this object.

**Parameters:**f - the new Font for the object**See Also:**[getFont()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont())

### getFontMetrics

[FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) **getFontMetrics**([Font](http://docs.google.com/java/awt/Font.html) f)

Gets the FontMetrics of this object.

**Parameters:**f - the Font **Returns:**the FontMetrics, if supported, the object; otherwise, null**See Also:**[getFont()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont())

### isEnabled

boolean **isEnabled**()

Determines if the object is enabled. Objects that are enabled will also have the AccessibleState.ENABLED state set in their AccessibleStateSets.

**Returns:**true if object is enabled; otherwise, false**See Also:**[setEnabled(boolean)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setEnabled(boolean)), [AccessibleContext.getAccessibleStateSet()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet()), [AccessibleState.ENABLED](http://docs.google.com/javax/accessibility/AccessibleState.html#ENABLED), [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html)

### setEnabled

void **setEnabled**(boolean b)

Sets the enabled state of the object.

**Parameters:**b - if true, enables this object; otherwise, disables it**See Also:**[isEnabled()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isEnabled())

### isVisible

boolean **isVisible**()

Determines if the object is visible. Note: this means that the object intends to be visible; however, it may not be showing on the screen because one of the objects that this object is contained by is currently not visible. To determine if an object is showing on the screen, use isShowing().

Objects that are visible will also have the AccessibleState.VISIBLE state set in their AccessibleStateSets.

**Returns:**true if object is visible; otherwise, false**See Also:**[setVisible(boolean)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setVisible(boolean)), [AccessibleContext.getAccessibleStateSet()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet()), [AccessibleState.VISIBLE](http://docs.google.com/javax/accessibility/AccessibleState.html#VISIBLE), [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html)

### setVisible

void **setVisible**(boolean b)

Sets the visible state of the object.

**Parameters:**b - if true, shows this object; otherwise, hides it**See Also:**[isVisible()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isVisible())

### isShowing

boolean **isShowing**()

Determines if the object is showing. This is determined by checking the visibility of the object and its ancestors. Note: this will return true even if the object is obscured by another (for example, it is underneath a menu that was pulled down).

**Returns:**true if object is showing; otherwise, false

### contains

boolean **contains**([Point](http://docs.google.com/java/awt/Point.html) p)

Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object.

**Parameters:**p - the Point relative to the coordinate system of the object **Returns:**true if object contains Point; otherwise false**See Also:**[getBounds()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds())

### getLocationOnScreen

[Point](http://docs.google.com/java/awt/Point.html) **getLocationOnScreen**()

Returns the location of the object on the screen.

**Returns:**the location of the object on screen; null if this object is not on the screen**See Also:**[getBounds()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()), [getLocation()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation())

### getLocation

[Point](http://docs.google.com/java/awt/Point.html) **getLocation**()

Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space.

**Returns:**An instance of Point representing the top-left corner of the object's bounds in the coordinate space of the screen; null if this object or its parent are not on the screen**See Also:**[getBounds()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()), [getLocationOnScreen()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen())

### setLocation

void **setLocation**([Point](http://docs.google.com/java/awt/Point.html) p)

Sets the location of the object relative to the parent.

**Parameters:**p - the new position for the top-left corner**See Also:**[getLocation()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation())

### getBounds

[Rectangle](http://docs.google.com/java/awt/Rectangle.html) **getBounds**()

Gets the bounds of this object in the form of a Rectangle object. The bounds specify this object's width, height, and location relative to its parent.

**Returns:**A rectangle indicating this component's bounds; null if this object is not on the screen.**See Also:**[contains(java.awt.Point)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point))

### setBounds

void **setBounds**([Rectangle](http://docs.google.com/java/awt/Rectangle.html) r)

Sets the bounds of this object in the form of a Rectangle object. The bounds specify this object's width, height, and location relative to its parent.

**Parameters:**r - rectangle indicating this component's bounds**See Also:**[getBounds()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds())

### getSize

[Dimension](http://docs.google.com/java/awt/Dimension.html) **getSize**()

Returns the size of this object in the form of a Dimension object. The height field of the Dimension object contains this object's height, and the width field of the Dimension object contains this object's width.

**Returns:**A Dimension object that indicates the size of this component; null if this object is not on the screen**See Also:**[setSize(java.awt.Dimension)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension))

### setSize

void **setSize**([Dimension](http://docs.google.com/java/awt/Dimension.html) d)

Resizes this object so that it has width and height.

**Parameters:**d - The dimension specifying the new size of the object.**See Also:**[getSize()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize())

### getAccessibleAt

[Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **getAccessibleAt**([Point](http://docs.google.com/java/awt/Point.html) p)

Returns the Accessible child, if one exists, contained at the local coordinate Point.

**Parameters:**p - The point relative to the coordinate system of this object. **Returns:**the Accessible, if it exists, at the specified location; otherwise null

### isFocusTraversable

boolean **isFocusTraversable**()

Returns whether this object can accept focus or not. Objects that can accept focus will also have the AccessibleState.FOCUSABLE state set in their AccessibleStateSets.

**Returns:**true if object can accept focus; otherwise false**See Also:**[AccessibleContext.getAccessibleStateSet()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet()), [AccessibleState.FOCUSABLE](http://docs.google.com/javax/accessibility/AccessibleState.html#FOCUSABLE), [AccessibleState.FOCUSED](http://docs.google.com/javax/accessibility/AccessibleState.html#FOCUSED), [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html)

### requestFocus

void **requestFocus**()

Requests focus for this object. If this object cannot accept focus, nothing will happen. Otherwise, the object will attempt to take focus.

**See Also:**[isFocusTraversable()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isFocusTraversable())

### addFocusListener

void **addFocusListener**([FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) l)

Adds the specified focus listener to receive focus events from this component.

**Parameters:**l - the focus listener**See Also:**[removeFocusListener(java.awt.event.FocusListener)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener))

### removeFocusListener

void **removeFocusListener**([FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) l)

Removes the specified focus listener so it no longer receives focus events from this component.

**Parameters:**l - the focus listener**See Also:**[addFocusListener(java.awt.event.FocusListener)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#addFocusListener(java.awt.event.FocusListener))

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

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).