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

## **javax.accessibility**

Interface AccessibleValue

**All Known Implementing Classes:** [AbstractButton.AccessibleAbstractButton](http://docs.google.com/javax/swing/AbstractButton.AccessibleAbstractButton.html), [Button.AccessibleAWTButton](http://docs.google.com/java/awt/Button.AccessibleAWTButton.html), [Checkbox.AccessibleAWTCheckbox](http://docs.google.com/java/awt/Checkbox.AccessibleAWTCheckbox.html), [CheckboxMenuItem.AccessibleAWTCheckboxMenuItem](http://docs.google.com/java/awt/CheckboxMenuItem.AccessibleAWTCheckboxMenuItem.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), [JInternalFrame.AccessibleJInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.AccessibleJInternalFrame.html), [JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon.html), [JMenu.AccessibleJMenu](http://docs.google.com/javax/swing/JMenu.AccessibleJMenu.html), [JMenuItem.AccessibleJMenuItem](http://docs.google.com/javax/swing/JMenuItem.AccessibleJMenuItem.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), [JScrollBar.AccessibleJScrollBar](http://docs.google.com/javax/swing/JScrollBar.AccessibleJScrollBar.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), [JToggleButton.AccessibleJToggleButton](http://docs.google.com/javax/swing/JToggleButton.AccessibleJToggleButton.html), [Menu.AccessibleAWTMenu](http://docs.google.com/java/awt/Menu.AccessibleAWTMenu.html), [MenuItem.AccessibleAWTMenuItem](http://docs.google.com/java/awt/MenuItem.AccessibleAWTMenuItem.html), [PopupMenu.AccessibleAWTPopupMenu](http://docs.google.com/java/awt/PopupMenu.AccessibleAWTPopupMenu.html), [Scrollbar.AccessibleAWTScrollBar](http://docs.google.com/java/awt/Scrollbar.AccessibleAWTScrollBar.html)

public interface **AccessibleValue**

The AccessibleValue interface should be supported by any object that supports a numerical value (e.g., a scroll bar). This interface provides the standard mechanism for an assistive technology to determine and set the numerical value as well as get the minimum and maximum values. Applications can determine if an object supports the AccessibleValue interface by first obtaining its AccessibleContext (see [Accessible](http://docs.google.com/javax/accessibility/Accessible.html)) and then calling the [AccessibleContext.getAccessibleValue()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleValue()) 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.getAccessibleValue()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleValue())

| **Method Summary** | |
| --- | --- |
| [Number](http://docs.google.com/java/lang/Number.html) | [**getCurrentAccessibleValue**](http://docs.google.com/javax/accessibility/AccessibleValue.html#getCurrentAccessibleValue())()            Get the value of this object as a Number. |
| [Number](http://docs.google.com/java/lang/Number.html) | [**getMaximumAccessibleValue**](http://docs.google.com/javax/accessibility/AccessibleValue.html#getMaximumAccessibleValue())()            Get the maximum value of this object as a Number. |
| [Number](http://docs.google.com/java/lang/Number.html) | [**getMinimumAccessibleValue**](http://docs.google.com/javax/accessibility/AccessibleValue.html#getMinimumAccessibleValue())()            Get the minimum value of this object as a Number. |
| boolean | [**setCurrentAccessibleValue**](http://docs.google.com/javax/accessibility/AccessibleValue.html#setCurrentAccessibleValue(java.lang.Number))([Number](http://docs.google.com/java/lang/Number.html) n)            Set the value of this object as a Number. |

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

### getCurrentAccessibleValue

[Number](http://docs.google.com/java/lang/Number.html) **getCurrentAccessibleValue**()

Get the value of this object as a Number. If the value has not been set, the return value will be null.

**Returns:**value of the object**See Also:**[setCurrentAccessibleValue(java.lang.Number)](http://docs.google.com/javax/accessibility/AccessibleValue.html#setCurrentAccessibleValue(java.lang.Number))

### setCurrentAccessibleValue

boolean **setCurrentAccessibleValue**([Number](http://docs.google.com/java/lang/Number.html) n)

Set the value of this object as a Number.

**Returns:**True if the value was set; else False**See Also:**[getCurrentAccessibleValue()](http://docs.google.com/javax/accessibility/AccessibleValue.html#getCurrentAccessibleValue())

### getMinimumAccessibleValue

[Number](http://docs.google.com/java/lang/Number.html) **getMinimumAccessibleValue**()

Get the minimum value of this object as a Number.

**Returns:**Minimum value of the object; null if this object does not have a minimum value**See Also:**[getMaximumAccessibleValue()](http://docs.google.com/javax/accessibility/AccessibleValue.html#getMaximumAccessibleValue())

### getMaximumAccessibleValue

[Number](http://docs.google.com/java/lang/Number.html) **getMaximumAccessibleValue**()

Get the maximum value of this object as a Number.

**Returns:**Maximum value of the object; null if this object does not have a maximum value**See Also:**[getMinimumAccessibleValue()](http://docs.google.com/javax/accessibility/AccessibleValue.html#getMinimumAccessibleValue())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleValue.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| SUMMARY: NESTED | 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.

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