| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ListView.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/text/html/InlineView.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/ListView.html)    [**NO FRAMES**](http://docs.google.com/ListView.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

## **javax.swing.text.html**

Class ListView

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.text.View](http://docs.google.com/javax/swing/text/View.html)  
 [javax.swing.text.CompositeView](http://docs.google.com/javax/swing/text/CompositeView.html)  
 [javax.swing.text.BoxView](http://docs.google.com/javax/swing/text/BoxView.html)  
 [javax.swing.text.html.BlockView](http://docs.google.com/javax/swing/text/html/BlockView.html)  
 **javax.swing.text.html.ListView**

**All Implemented Interfaces:** [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html)

public class **ListView**extends [BlockView](http://docs.google.com/javax/swing/text/html/BlockView.html)

A view implementation to display an html list

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

| **Fields inherited from class javax.swing.text.**[**View**](http://docs.google.com/javax/swing/text/View.html) |
| --- |
| [BadBreakWeight](http://docs.google.com/javax/swing/text/View.html#BadBreakWeight), [ExcellentBreakWeight](http://docs.google.com/javax/swing/text/View.html#ExcellentBreakWeight), [ForcedBreakWeight](http://docs.google.com/javax/swing/text/View.html#ForcedBreakWeight), [GoodBreakWeight](http://docs.google.com/javax/swing/text/View.html#GoodBreakWeight), [X\_AXIS](http://docs.google.com/javax/swing/text/View.html#X_AXIS), [Y\_AXIS](http://docs.google.com/javax/swing/text/View.html#Y_AXIS) |

| **Fields inherited from interface javax.swing.**[**SwingConstants**](http://docs.google.com/javax/swing/SwingConstants.html) |
| --- |
| [BOTTOM](http://docs.google.com/javax/swing/SwingConstants.html#BOTTOM), [CENTER](http://docs.google.com/javax/swing/SwingConstants.html#CENTER), [EAST](http://docs.google.com/javax/swing/SwingConstants.html#EAST), [HORIZONTAL](http://docs.google.com/javax/swing/SwingConstants.html#HORIZONTAL), [LEADING](http://docs.google.com/javax/swing/SwingConstants.html#LEADING), [LEFT](http://docs.google.com/javax/swing/SwingConstants.html#LEFT), [NEXT](http://docs.google.com/javax/swing/SwingConstants.html#NEXT), [NORTH](http://docs.google.com/javax/swing/SwingConstants.html#NORTH), [NORTH\_EAST](http://docs.google.com/javax/swing/SwingConstants.html#NORTH_EAST), [NORTH\_WEST](http://docs.google.com/javax/swing/SwingConstants.html#NORTH_WEST), [PREVIOUS](http://docs.google.com/javax/swing/SwingConstants.html#PREVIOUS), [RIGHT](http://docs.google.com/javax/swing/SwingConstants.html#RIGHT), [SOUTH](http://docs.google.com/javax/swing/SwingConstants.html#SOUTH), [SOUTH\_EAST](http://docs.google.com/javax/swing/SwingConstants.html#SOUTH_EAST), [SOUTH\_WEST](http://docs.google.com/javax/swing/SwingConstants.html#SOUTH_WEST), [TOP](http://docs.google.com/javax/swing/SwingConstants.html#TOP), [TRAILING](http://docs.google.com/javax/swing/SwingConstants.html#TRAILING), [VERTICAL](http://docs.google.com/javax/swing/SwingConstants.html#VERTICAL), [WEST](http://docs.google.com/javax/swing/SwingConstants.html#WEST) |

| **Constructor Summary** | |
| --- | --- |
| [**ListView**](http://docs.google.com/javax/swing/text/html/ListView.html#ListView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new view that represents a list element. |

| **Method Summary** | |
| --- | --- |
| float | [**getAlignment**](http://docs.google.com/javax/swing/text/html/ListView.html#getAlignment(int))(int axis)            Calculates the desired shape of the list. |
| void | [**paint**](http://docs.google.com/javax/swing/text/html/ListView.html#paint(java.awt.Graphics,%20java.awt.Shape))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [Shape](http://docs.google.com/java/awt/Shape.html) allocation)            Renders using the given rendering surface and area on that surface. |
| protected  void | [**paintChild**](http://docs.google.com/javax/swing/text/html/ListView.html#paintChild(java.awt.Graphics,%20java.awt.Rectangle,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) alloc, int index)            Paints one of the children; called by paint(). |
| protected  void | [**setPropertiesFromAttributes**](http://docs.google.com/javax/swing/text/html/ListView.html#setPropertiesFromAttributes())()            Update any cached values that come from attributes. |

| **Methods inherited from class javax.swing.text.html.**[**BlockView**](http://docs.google.com/javax/swing/text/html/BlockView.html) |
| --- |
| [calculateMajorAxisRequirements](http://docs.google.com/javax/swing/text/html/BlockView.html#calculateMajorAxisRequirements(int,%20javax.swing.SizeRequirements)), [calculateMinorAxisRequirements](http://docs.google.com/javax/swing/text/html/BlockView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements)), [changedUpdate](http://docs.google.com/javax/swing/text/html/BlockView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)), [getAttributes](http://docs.google.com/javax/swing/text/html/BlockView.html#getAttributes()), [getMaximumSpan](http://docs.google.com/javax/swing/text/html/BlockView.html#getMaximumSpan(int)), [getMinimumSpan](http://docs.google.com/javax/swing/text/html/BlockView.html#getMinimumSpan(int)), [getPreferredSpan](http://docs.google.com/javax/swing/text/html/BlockView.html#getPreferredSpan(int)), [getResizeWeight](http://docs.google.com/javax/swing/text/html/BlockView.html#getResizeWeight(int)), [getStyleSheet](http://docs.google.com/javax/swing/text/html/BlockView.html#getStyleSheet()), [layoutMinorAxis](http://docs.google.com/javax/swing/text/html/BlockView.html#layoutMinorAxis(int,%20int,%20int%5B%5D,%20int%5B%5D)), [setParent](http://docs.google.com/javax/swing/text/html/BlockView.html#setParent(javax.swing.text.View)) |

| **Methods inherited from class javax.swing.text.**[**BoxView**](http://docs.google.com/javax/swing/text/BoxView.html) |
| --- |
| [baselineLayout](http://docs.google.com/javax/swing/text/BoxView.html#baselineLayout(int,%20int,%20int%5B%5D,%20int%5B%5D)), [baselineRequirements](http://docs.google.com/javax/swing/text/BoxView.html#baselineRequirements(int,%20javax.swing.SizeRequirements)), [childAllocation](http://docs.google.com/javax/swing/text/BoxView.html#childAllocation(int,%20java.awt.Rectangle)), [flipEastAndWestAtEnds](http://docs.google.com/javax/swing/text/BoxView.html#flipEastAndWestAtEnds(int,%20javax.swing.text.Position.Bias)), [forwardUpdate](http://docs.google.com/javax/swing/text/BoxView.html#forwardUpdate(javax.swing.event.DocumentEvent.ElementChange,%20javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)), [getAxis](http://docs.google.com/javax/swing/text/BoxView.html#getAxis()), [getChildAllocation](http://docs.google.com/javax/swing/text/BoxView.html#getChildAllocation(int,%20java.awt.Shape)), [getHeight](http://docs.google.com/javax/swing/text/BoxView.html#getHeight()), [getOffset](http://docs.google.com/javax/swing/text/BoxView.html#getOffset(int,%20int)), [getSpan](http://docs.google.com/javax/swing/text/BoxView.html#getSpan(int,%20int)), [getViewAtPoint](http://docs.google.com/javax/swing/text/BoxView.html#getViewAtPoint(int,%20int,%20java.awt.Rectangle)), [getWidth](http://docs.google.com/javax/swing/text/BoxView.html#getWidth()), [isAfter](http://docs.google.com/javax/swing/text/BoxView.html#isAfter(int,%20int,%20java.awt.Rectangle)), [isAllocationValid](http://docs.google.com/javax/swing/text/BoxView.html#isAllocationValid()), [isBefore](http://docs.google.com/javax/swing/text/BoxView.html#isBefore(int,%20int,%20java.awt.Rectangle)), [isLayoutValid](http://docs.google.com/javax/swing/text/BoxView.html#isLayoutValid(int)), [layout](http://docs.google.com/javax/swing/text/BoxView.html#layout(int,%20int)), [layoutChanged](http://docs.google.com/javax/swing/text/BoxView.html#layoutChanged(int)), [layoutMajorAxis](http://docs.google.com/javax/swing/text/BoxView.html#layoutMajorAxis(int,%20int,%20int%5B%5D,%20int%5B%5D)), [modelToView](http://docs.google.com/javax/swing/text/BoxView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias)), [preferenceChanged](http://docs.google.com/javax/swing/text/BoxView.html#preferenceChanged(javax.swing.text.View,%20boolean,%20boolean)), [replace](http://docs.google.com/javax/swing/text/BoxView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D)), [setAxis](http://docs.google.com/javax/swing/text/BoxView.html#setAxis(int)), [setSize](http://docs.google.com/javax/swing/text/BoxView.html#setSize(float,%20float)), [viewToModel](http://docs.google.com/javax/swing/text/BoxView.html#viewToModel(float,%20float,%20java.awt.Shape,%20javax.swing.text.Position.Bias%5B%5D)) |

| **Methods inherited from class javax.swing.text.**[**CompositeView**](http://docs.google.com/javax/swing/text/CompositeView.html) |
| --- |
| [getBottomInset](http://docs.google.com/javax/swing/text/CompositeView.html#getBottomInset()), [getInsideAllocation](http://docs.google.com/javax/swing/text/CompositeView.html#getInsideAllocation(java.awt.Shape)), [getLeftInset](http://docs.google.com/javax/swing/text/CompositeView.html#getLeftInset()), [getNextEastWestVisualPositionFrom](http://docs.google.com/javax/swing/text/CompositeView.html#getNextEastWestVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D)), [getNextNorthSouthVisualPositionFrom](http://docs.google.com/javax/swing/text/CompositeView.html#getNextNorthSouthVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D)), [getNextVisualPositionFrom](http://docs.google.com/javax/swing/text/CompositeView.html#getNextVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D)), [getRightInset](http://docs.google.com/javax/swing/text/CompositeView.html#getRightInset()), [getTopInset](http://docs.google.com/javax/swing/text/CompositeView.html#getTopInset()), [getView](http://docs.google.com/javax/swing/text/CompositeView.html#getView(int)), [getViewAtPosition](http://docs.google.com/javax/swing/text/CompositeView.html#getViewAtPosition(int,%20java.awt.Rectangle)), [getViewCount](http://docs.google.com/javax/swing/text/CompositeView.html#getViewCount()), [getViewIndex](http://docs.google.com/javax/swing/text/CompositeView.html#getViewIndex(int,%20javax.swing.text.Position.Bias)), [getViewIndexAtPosition](http://docs.google.com/javax/swing/text/CompositeView.html#getViewIndexAtPosition(int)), [loadChildren](http://docs.google.com/javax/swing/text/CompositeView.html#loadChildren(javax.swing.text.ViewFactory)), [modelToView](http://docs.google.com/javax/swing/text/CompositeView.html#modelToView(int,%20javax.swing.text.Position.Bias,%20int,%20javax.swing.text.Position.Bias,%20java.awt.Shape)), [setInsets](http://docs.google.com/javax/swing/text/CompositeView.html#setInsets(short,%20short,%20short,%20short)), [setParagraphInsets](http://docs.google.com/javax/swing/text/CompositeView.html#setParagraphInsets(javax.swing.text.AttributeSet)) |

| **Methods inherited from class javax.swing.text.**[**View**](http://docs.google.com/javax/swing/text/View.html) |
| --- |
| [append](http://docs.google.com/javax/swing/text/View.html#append(javax.swing.text.View)), [breakView](http://docs.google.com/javax/swing/text/View.html#breakView(int,%20int,%20float,%20float)), [createFragment](http://docs.google.com/javax/swing/text/View.html#createFragment(int,%20int)), [forwardUpdateToView](http://docs.google.com/javax/swing/text/View.html#forwardUpdateToView(javax.swing.text.View,%20javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)), [getBreakWeight](http://docs.google.com/javax/swing/text/View.html#getBreakWeight(int,%20float,%20float)), [getContainer](http://docs.google.com/javax/swing/text/View.html#getContainer()), [getDocument](http://docs.google.com/javax/swing/text/View.html#getDocument()), [getElement](http://docs.google.com/javax/swing/text/View.html#getElement()), [getEndOffset](http://docs.google.com/javax/swing/text/View.html#getEndOffset()), [getGraphics](http://docs.google.com/javax/swing/text/View.html#getGraphics()), [getParent](http://docs.google.com/javax/swing/text/View.html#getParent()), [getStartOffset](http://docs.google.com/javax/swing/text/View.html#getStartOffset()), [getToolTipText](http://docs.google.com/javax/swing/text/View.html#getToolTipText(float,%20float,%20java.awt.Shape)), [getViewFactory](http://docs.google.com/javax/swing/text/View.html#getViewFactory()), [getViewIndex](http://docs.google.com/javax/swing/text/View.html#getViewIndex(float,%20float,%20java.awt.Shape)), [insert](http://docs.google.com/javax/swing/text/View.html#insert(int,%20javax.swing.text.View)), [insertUpdate](http://docs.google.com/javax/swing/text/View.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)), [isVisible](http://docs.google.com/javax/swing/text/View.html#isVisible()), [modelToView](http://docs.google.com/javax/swing/text/View.html#modelToView(int,%20java.awt.Shape)), [remove](http://docs.google.com/javax/swing/text/View.html#remove(int)), [removeAll](http://docs.google.com/javax/swing/text/View.html#removeAll()), [removeUpdate](http://docs.google.com/javax/swing/text/View.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)), [updateChildren](http://docs.google.com/javax/swing/text/View.html#updateChildren(javax.swing.event.DocumentEvent.ElementChange,%20javax.swing.event.DocumentEvent,%20javax.swing.text.ViewFactory)), [updateLayout](http://docs.google.com/javax/swing/text/View.html#updateLayout(javax.swing.event.DocumentEvent.ElementChange,%20javax.swing.event.DocumentEvent,%20java.awt.Shape)), [viewToModel](http://docs.google.com/javax/swing/text/View.html#viewToModel(float,%20float,%20java.awt.Shape)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

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

### ListView

public **ListView**([Element](http://docs.google.com/javax/swing/text/Element.html) elem)

Creates a new view that represents a list element.

**Parameters:**elem - the element to create a view for

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

### getAlignment

public float **getAlignment**(int axis)

Calculates the desired shape of the list.

**Overrides:**[getAlignment](http://docs.google.com/javax/swing/text/html/BlockView.html#getAlignment(int)) in class [BlockView](http://docs.google.com/javax/swing/text/html/BlockView.html) **Parameters:**axis - may be either X\_AXIS or Y\_AXIS **Returns:**the desired span**See Also:**[View.getPreferredSpan(int)](http://docs.google.com/javax/swing/text/View.html#getPreferredSpan(int))

### paint

public void **paint**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 [Shape](http://docs.google.com/java/awt/Shape.html) allocation)

Renders using the given rendering surface and area on that surface.

**Overrides:**[paint](http://docs.google.com/javax/swing/text/html/BlockView.html#paint(java.awt.Graphics,%20java.awt.Shape)) in class [BlockView](http://docs.google.com/javax/swing/text/html/BlockView.html) **Parameters:**g - the rendering surface to useallocation - the allocated region to render into**See Also:**[View.paint(java.awt.Graphics, java.awt.Shape)](http://docs.google.com/javax/swing/text/View.html#paint(java.awt.Graphics,%20java.awt.Shape))

### paintChild

protected void **paintChild**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 [Rectangle](http://docs.google.com/java/awt/Rectangle.html) alloc,  
 int index)

Paints one of the children; called by paint(). By default that is all it does, but a subclass can use this to paint things relative to the child.

**Overrides:**[paintChild](http://docs.google.com/javax/swing/text/BoxView.html#paintChild(java.awt.Graphics,%20java.awt.Rectangle,%20int)) in class [BoxView](http://docs.google.com/javax/swing/text/BoxView.html) **Parameters:**g - the graphics contextalloc - the allocated region to render the child intoindex - the index of the child

### setPropertiesFromAttributes

protected void **setPropertiesFromAttributes**()

**Description copied from class:** [**BlockView**](http://docs.google.com/javax/swing/text/html/BlockView.html#setPropertiesFromAttributes()) Update any cached values that come from attributes.

**Overrides:**[setPropertiesFromAttributes](http://docs.google.com/javax/swing/text/html/BlockView.html#setPropertiesFromAttributes()) in class [BlockView](http://docs.google.com/javax/swing/text/html/BlockView.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/ListView.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/text/html/InlineView.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/ListView.html)    [**NO FRAMES**](http://docs.google.com/ListView.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

[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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