| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicOptionPaneUI.ButtonAreaLayout.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/plaf/basic/BasicOptionPaneUI.ButtonActionListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.PropertyChangeHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html)    [**NO FRAMES**](http://docs.google.com/BasicOptionPaneUI.ButtonAreaLayout.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## **javax.swing.plaf.basic**

Class BasicOptionPaneUI.ButtonAreaLayout

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.plaf.basic.BasicOptionPaneUI.ButtonAreaLayout**

**All Implemented Interfaces:** [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) **Enclosing class:**[BasicOptionPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.html)

public static class **BasicOptionPaneUI.ButtonAreaLayout**extends [Object](http://docs.google.com/java/lang/Object.html)implements [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html)

ButtonAreaLayout behaves in a similar manner to FlowLayout. It lays out all components from left to right. If syncAllWidths is true, the widths of each component will be set to the largest preferred size width. This inner class is marked "public" due to a compiler bug. This class should be treated as a "protected" inner class. Instantiate it only within subclasses of BasicOptionPaneUI.

| **Field Summary** | |
| --- | --- |
| protected  boolean | [**centersChildren**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#centersChildren)            If true, children are lumped together in parent. |
| protected  int | [**padding**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#padding) |
| protected  boolean | [**syncAllWidths**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#syncAllWidths) |

| **Constructor Summary** | |
| --- | --- |
| [**BasicOptionPaneUI.ButtonAreaLayout**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#BasicOptionPaneUI.ButtonAreaLayout(boolean,%20int))(boolean syncAllWidths, int padding) |

| **Method Summary** | |
| --- | --- |
| void | [**addLayoutComponent**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#addLayoutComponent(java.lang.String,%20java.awt.Component))([String](http://docs.google.com/java/lang/String.html) string, [Component](http://docs.google.com/java/awt/Component.html) comp)            If the layout manager uses a per-component string, adds the component comp to the layout, associating it with the string specified by name. |
| boolean | [**getCentersChildren**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#getCentersChildren())() |
| int | [**getPadding**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#getPadding())() |
| boolean | [**getSyncAllWidths**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#getSyncAllWidths())() |
| void | [**layoutContainer**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#layoutContainer(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) container)            Lays out the specified container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**minimumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) c)            Calculates the minimum size dimensions for the specified container, given the components it contains. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) c)            Calculates the preferred size dimensions for the specified container, given the components it contains. |
| void | [**removeLayoutComponent**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#removeLayoutComponent(java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) c)            Removes the specified component from the layout. |
| void | [**setCentersChildren**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#setCentersChildren(boolean))(boolean newValue) |
| void | [**setPadding**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#setPadding(int))(int newPadding) |
| void | [**setSyncAllWidths**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#setSyncAllWidths(boolean))(boolean newValue) |

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

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

### syncAllWidths

protected boolean **syncAllWidths**

### padding

protected int **padding**

### centersChildren

protected boolean **centersChildren**

If true, children are lumped together in parent.

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

### BasicOptionPaneUI.ButtonAreaLayout

public **BasicOptionPaneUI.ButtonAreaLayout**(boolean syncAllWidths,  
 int padding)

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

### setSyncAllWidths

public void **setSyncAllWidths**(boolean newValue)

### getSyncAllWidths

public boolean **getSyncAllWidths**()

### setPadding

public void **setPadding**(int newPadding)

### getPadding

public int **getPadding**()

### setCentersChildren

public void **setCentersChildren**(boolean newValue)

### getCentersChildren

public boolean **getCentersChildren**()

### addLayoutComponent

public void **addLayoutComponent**([String](http://docs.google.com/java/lang/String.html) string,  
 [Component](http://docs.google.com/java/awt/Component.html) comp)

**Description copied from interface:** [**LayoutManager**](http://docs.google.com/java/awt/LayoutManager.html#addLayoutComponent(java.lang.String,%20java.awt.Component)) If the layout manager uses a per-component string, adds the component comp to the layout, associating it with the string specified by name.

**Specified by:**[addLayoutComponent](http://docs.google.com/java/awt/LayoutManager.html#addLayoutComponent(java.lang.String,%20java.awt.Component)) in interface [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) **Parameters:**string - the string to be associated with the componentcomp - the component to be added

### layoutContainer

public void **layoutContainer**([Container](http://docs.google.com/java/awt/Container.html) container)

**Description copied from interface:** [**LayoutManager**](http://docs.google.com/java/awt/LayoutManager.html#layoutContainer(java.awt.Container)) Lays out the specified container.

**Specified by:**[layoutContainer](http://docs.google.com/java/awt/LayoutManager.html#layoutContainer(java.awt.Container)) in interface [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) **Parameters:**container - the container to be laid out

### minimumLayoutSize

public [Dimension](http://docs.google.com/java/awt/Dimension.html) **minimumLayoutSize**([Container](http://docs.google.com/java/awt/Container.html) c)

**Description copied from interface:** [**LayoutManager**](http://docs.google.com/java/awt/LayoutManager.html#minimumLayoutSize(java.awt.Container)) Calculates the minimum size dimensions for the specified container, given the components it contains.

**Specified by:**[minimumLayoutSize](http://docs.google.com/java/awt/LayoutManager.html#minimumLayoutSize(java.awt.Container)) in interface [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) **Parameters:**c - the component to be laid out**See Also:**[LayoutManager.preferredLayoutSize(java.awt.Container)](http://docs.google.com/java/awt/LayoutManager.html#preferredLayoutSize(java.awt.Container))

### preferredLayoutSize

public [Dimension](http://docs.google.com/java/awt/Dimension.html) **preferredLayoutSize**([Container](http://docs.google.com/java/awt/Container.html) c)

**Description copied from interface:** [**LayoutManager**](http://docs.google.com/java/awt/LayoutManager.html#preferredLayoutSize(java.awt.Container)) Calculates the preferred size dimensions for the specified container, given the components it contains.

**Specified by:**[preferredLayoutSize](http://docs.google.com/java/awt/LayoutManager.html#preferredLayoutSize(java.awt.Container)) in interface [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) **Parameters:**c - the container to be laid out**See Also:**[LayoutManager.minimumLayoutSize(java.awt.Container)](http://docs.google.com/java/awt/LayoutManager.html#minimumLayoutSize(java.awt.Container))

### removeLayoutComponent

public void **removeLayoutComponent**([Component](http://docs.google.com/java/awt/Component.html) c)

**Description copied from interface:** [**LayoutManager**](http://docs.google.com/java/awt/LayoutManager.html#removeLayoutComponent(java.awt.Component)) Removes the specified component from the layout.

**Specified by:**[removeLayoutComponent](http://docs.google.com/java/awt/LayoutManager.html#removeLayoutComponent(java.awt.Component)) in interface [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) **Parameters:**c - the component to be removed

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicOptionPaneUI.ButtonAreaLayout.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/plaf/basic/BasicOptionPaneUI.ButtonActionListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.PropertyChangeHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html)    [**NO FRAMES**](http://docs.google.com/BasicOptionPaneUI.ButtonAreaLayout.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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[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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