| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicTabbedPaneUI.TabbedPaneLayout.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/BasicTabbedPaneUI.PropertyChangeHandler.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabSelectionHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html)    [**NO FRAMES**](http://docs.google.com/BasicTabbedPaneUI.TabbedPaneLayout.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

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

Class BasicTabbedPaneUI.TabbedPaneLayout

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

**All Implemented Interfaces:** [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) **Direct Known Subclasses:** [MetalTabbedPaneUI.TabbedPaneLayout](http://docs.google.com/javax/swing/plaf/metal/MetalTabbedPaneUI.TabbedPaneLayout.html) **Enclosing class:**[BasicTabbedPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html)

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

This class should be treated as a "protected" inner class. Instantiate it only within subclasses of BasicTabbedPaneUI.

| **Constructor Summary** | |
| --- | --- |
| [**BasicTabbedPaneUI.TabbedPaneLayout**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#BasicTabbedPaneUI.TabbedPaneLayout())() |

| **Method Summary** | |
| --- | --- |
| void | [**addLayoutComponent**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#addLayoutComponent(java.lang.String,%20java.awt.Component))([String](http://docs.google.com/java/lang/String.html) name, [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. |
| void | [**calculateLayoutInfo**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#calculateLayoutInfo())() |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**calculateSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#calculateSize(boolean))(boolean minimum) |
| protected  void | [**calculateTabRects**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#calculateTabRects(int,%20int))(int tabPlacement, int tabCount) |
| void | [**layoutContainer**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#layoutContainer(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Lays out the specified container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**minimumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Calculates the minimum size dimensions for the specified container, given the components it contains. |
| protected  void | [**normalizeTabRuns**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#normalizeTabRuns(int,%20int,%20int,%20int))(int tabPlacement, int tabCount, int start, int max) |
| protected  void | [**padSelectedTab**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#padSelectedTab(int,%20int))(int tabPlacement, int selectedIndex) |
| protected  void | [**padTabRun**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#padTabRun(int,%20int,%20int,%20int))(int tabPlacement, int start, int end, int max) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Calculates the preferred size dimensions for the specified container, given the components it contains. |
| protected  int | [**preferredTabAreaHeight**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#preferredTabAreaHeight(int,%20int))(int tabPlacement, int width) |
| protected  int | [**preferredTabAreaWidth**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#preferredTabAreaWidth(int,%20int))(int tabPlacement, int height) |
| void | [**removeLayoutComponent**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#removeLayoutComponent(java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) comp)            Removes the specified component from the layout. |
| protected  void | [**rotateTabRuns**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#rotateTabRuns(int,%20int))(int tabPlacement, int selectedRun) |

| **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** |
| --- |

### BasicTabbedPaneUI.TabbedPaneLayout

public **BasicTabbedPaneUI.TabbedPaneLayout**()

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

### addLayoutComponent

public void **addLayoutComponent**([String](http://docs.google.com/java/lang/String.html) name,  
 [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:**name - the string to be associated with the componentcomp - the component to be added

### removeLayoutComponent

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

**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:**comp - the component to be removed

### preferredLayoutSize

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

**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:**parent - 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))

### minimumLayoutSize

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

**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:**parent - 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))

### calculateSize

protected [Dimension](http://docs.google.com/java/awt/Dimension.html) **calculateSize**(boolean minimum)

### preferredTabAreaHeight

protected int **preferredTabAreaHeight**(int tabPlacement,  
 int width)

### preferredTabAreaWidth

protected int **preferredTabAreaWidth**(int tabPlacement,  
 int height)

### layoutContainer

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

**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:**parent - the container to be laid out

### calculateLayoutInfo

public void **calculateLayoutInfo**()

### calculateTabRects

protected void **calculateTabRects**(int tabPlacement,  
 int tabCount)

### rotateTabRuns

protected void **rotateTabRuns**(int tabPlacement,  
 int selectedRun)

### normalizeTabRuns

protected void **normalizeTabRuns**(int tabPlacement,  
 int tabCount,  
 int start,  
 int max)

### padTabRun

protected void **padTabRun**(int tabPlacement,  
 int start,  
 int end,  
 int max)

### padSelectedTab

protected void **padSelectedTab**(int tabPlacement,  
 int selectedIndex)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicTabbedPaneUI.TabbedPaneLayout.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/BasicTabbedPaneUI.PropertyChangeHandler.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabSelectionHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html)    [**NO FRAMES**](http://docs.google.com/BasicTabbedPaneUI.TabbedPaneLayout.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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