| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultMenuLayout.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/ComboPopup.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/DefaultMenuLayout.html)    [**NO FRAMES**](http://docs.google.com/DefaultMenuLayout.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | [METHOD](#3rdcrjn) |

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

Class DefaultMenuLayout

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

**All Implemented Interfaces:** [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html), [LayoutManager2](http://docs.google.com/java/awt/LayoutManager2.html), [Serializable](http://docs.google.com/java/io/Serializable.html), [UIResource](http://docs.google.com/javax/swing/plaf/UIResource.html)

public class **DefaultMenuLayout**extends [BoxLayout](http://docs.google.com/javax/swing/BoxLayout.html)implements [UIResource](http://docs.google.com/javax/swing/plaf/UIResource.html)

The default layout manager for Popup menus and menubars. This class is an extension of BoxLayout which adds the UIResource tag so that plauggable L&Fs can distinguish it from user-installed layout managers on menus.

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

| **Fields inherited from class javax.swing.**[**BoxLayout**](http://docs.google.com/javax/swing/BoxLayout.html) |
| --- |
| [LINE\_AXIS](http://docs.google.com/javax/swing/BoxLayout.html#LINE_AXIS), [PAGE\_AXIS](http://docs.google.com/javax/swing/BoxLayout.html#PAGE_AXIS), [X\_AXIS](http://docs.google.com/javax/swing/BoxLayout.html#X_AXIS), [Y\_AXIS](http://docs.google.com/javax/swing/BoxLayout.html#Y_AXIS) |

| **Constructor Summary** | |
| --- | --- |
| [**DefaultMenuLayout**](http://docs.google.com/javax/swing/plaf/basic/DefaultMenuLayout.html#DefaultMenuLayout(java.awt.Container,%20int))([Container](http://docs.google.com/java/awt/Container.html) target, int axis) |

| **Method Summary** | |
| --- | --- |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/DefaultMenuLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the preferred dimensions for this layout, given the components in the specified target container. |

| **Methods inherited from class javax.swing.**[**BoxLayout**](http://docs.google.com/javax/swing/BoxLayout.html) |
| --- |
| [addLayoutComponent](http://docs.google.com/javax/swing/BoxLayout.html#addLayoutComponent(java.awt.Component,%20java.lang.Object)), [addLayoutComponent](http://docs.google.com/javax/swing/BoxLayout.html#addLayoutComponent(java.lang.String,%20java.awt.Component)), [getAxis](http://docs.google.com/javax/swing/BoxLayout.html#getAxis()), [getLayoutAlignmentX](http://docs.google.com/javax/swing/BoxLayout.html#getLayoutAlignmentX(java.awt.Container)), [getLayoutAlignmentY](http://docs.google.com/javax/swing/BoxLayout.html#getLayoutAlignmentY(java.awt.Container)), [getTarget](http://docs.google.com/javax/swing/BoxLayout.html#getTarget()), [invalidateLayout](http://docs.google.com/javax/swing/BoxLayout.html#invalidateLayout(java.awt.Container)), [layoutContainer](http://docs.google.com/javax/swing/BoxLayout.html#layoutContainer(java.awt.Container)), [maximumLayoutSize](http://docs.google.com/javax/swing/BoxLayout.html#maximumLayoutSize(java.awt.Container)), [minimumLayoutSize](http://docs.google.com/javax/swing/BoxLayout.html#minimumLayoutSize(java.awt.Container)), [removeLayoutComponent](http://docs.google.com/javax/swing/BoxLayout.html#removeLayoutComponent(java.awt.Component)) |

| **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** |
| --- |

### DefaultMenuLayout

public **DefaultMenuLayout**([Container](http://docs.google.com/java/awt/Container.html) target,  
 int axis)

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

### preferredLayoutSize

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

**Description copied from class:** [**BoxLayout**](http://docs.google.com/javax/swing/BoxLayout.html#preferredLayoutSize(java.awt.Container)) Returns the preferred dimensions for this layout, given the components in the specified target container.

**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)**Overrides:**[preferredLayoutSize](http://docs.google.com/javax/swing/BoxLayout.html#preferredLayoutSize(java.awt.Container)) in class [BoxLayout](http://docs.google.com/javax/swing/BoxLayout.html) **Parameters:**target - the container that needs to be laid out **Returns:**the dimensions >= 0 && <= Integer.MAX\_VALUE**See Also:**[Container](http://docs.google.com/java/awt/Container.html), [BoxLayout.minimumLayoutSize(java.awt.Container)](http://docs.google.com/javax/swing/BoxLayout.html#minimumLayoutSize(java.awt.Container)), [BoxLayout.maximumLayoutSize(java.awt.Container)](http://docs.google.com/javax/swing/BoxLayout.html#maximumLayoutSize(java.awt.Container))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultMenuLayout.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/ComboPopup.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/DefaultMenuLayout.html)    [**NO FRAMES**](http://docs.google.com/DefaultMenuLayout.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | [METHOD](#3rdcrjn) |

[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).