| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/LayoutManager2.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt//class-useLayoutManager2.html)    [**NO FRAMES**](http://docs.google.com/LayoutManager2.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.awt.LayoutManager2**

| Packages that use [LayoutManager2](http://docs.google.com/java/awt/LayoutManager2.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**javax.swing**](#2et92p0) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf.basic**](#tyjcwt) | Provides user interface objects built according to the Basic look and feel. |

| Uses of [LayoutManager2](http://docs.google.com/java/awt/LayoutManager2.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |

| Classes in [java.awt](http://docs.google.com/java/awt/package-summary.html) that implement [LayoutManager2](http://docs.google.com/java/awt/LayoutManager2.html) | |
| --- | --- |
| class | [**BorderLayout**](http://docs.google.com/java/awt/BorderLayout.html)            A border layout lays out a container, arranging and resizing its components to fit in five regions: north, south, east, west, and center. |
| class | [**CardLayout**](http://docs.google.com/java/awt/CardLayout.html)            A CardLayout object is a layout manager for a container. |
| class | [**GridBagLayout**](http://docs.google.com/java/awt/GridBagLayout.html)            The GridBagLayout class is a flexible layout manager that aligns components vertically, horizontally or along their baseline without requiring that the components be of the same size. |

| Uses of [LayoutManager2](http://docs.google.com/java/awt/LayoutManager2.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that implement [LayoutManager2](http://docs.google.com/java/awt/LayoutManager2.html) | |
| --- | --- |
| class | [**BoxLayout**](http://docs.google.com/javax/swing/BoxLayout.html)            A layout manager that allows multiple components to be laid out either vertically or horizontally. |
| class | [**GroupLayout**](http://docs.google.com/javax/swing/GroupLayout.html)            GroupLayout is a LayoutManager that hierarchically groups components in order to position them in a Container. |
| protected  class | [**JRootPane.RootLayout**](http://docs.google.com/javax/swing/JRootPane.RootLayout.html)            A custom layout manager that is responsible for the layout of layeredPane, glassPane, and menuBar. |
| class | [**OverlayLayout**](http://docs.google.com/javax/swing/OverlayLayout.html)            A layout manager to arrange components over the top of each other. |
| class | [**SpringLayout**](http://docs.google.com/javax/swing/SpringLayout.html)            A SpringLayout lays out the children of its associated container according to a set of constraints. |

| Uses of [LayoutManager2](http://docs.google.com/java/awt/LayoutManager2.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that implement [LayoutManager2](http://docs.google.com/java/awt/LayoutManager2.html) | |
| --- | --- |
| class | [**BasicSplitPaneUI.BasicHorizontalLayoutManager**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html)            LayoutManager for JSplitPanes that have an orientation of HORIZONTAL\_SPLIT. |
| class | [**BasicSplitPaneUI.BasicVerticalLayoutManager**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicVerticalLayoutManager.html)            LayoutManager used for JSplitPanes with an orientation of VERTICAL\_SPLIT. |
| class | [**DefaultMenuLayout**](http://docs.google.com/javax/swing/plaf/basic/DefaultMenuLayout.html)            The default layout manager for Popup menus and menubars. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/LayoutManager2.html) | **Use** | [**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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[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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