| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Dimension.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-useDimension.html)    [**NO FRAMES**](http://docs.google.com/Dimension.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.Dimension**

| Packages that use [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| [**java.applet**](#3znysh7) | Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context. |
| [**java.awt**](#2et92p0) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**javax.accessibility**](#tyjcwt) | Defines a contract between user-interface components and an assistive technology that provides access to those components. |
| [**javax.imageio**](#3dy6vkm) | The main package of the Java Image I/O API. |
| [**javax.swing**](#1t3h5sf) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.border**](#4d34og8) | Provides classes and interface for drawing specialized borders around a Swing component. |
| [**javax.swing.plaf**](#2s8eyo1) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |
| [**javax.swing.plaf.basic**](#17dp8vu) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#3rdcrjn) | Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel. |
| [**javax.swing.plaf.multi**](#26in1rg) | Provides user interface objects that combine two or more look and feels. |
| [**javax.swing.plaf.synth**](#lnxbz9) | Synth is a skinnable look and feel in which all painting is delegated. |
| [**javax.swing.table**](#35nkun2) | Provides classes and interfaces for dealing with javax.swing.JTable. |
| [**javax.swing.text**](#1ksv4uv) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.tree**](#44sinio) | Provides classes and interfaces for dealing with javax.swing.JTree. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [java.applet](http://docs.google.com/java/applet/package-summary.html) | |
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| Methods in [java.applet](http://docs.google.com/java/applet/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| void | **Applet.**[**resize**](http://docs.google.com/java/applet/Applet.html#resize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Requests that this applet be resized. |

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

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Toolkit.**[**getBestCursorSize**](http://docs.google.com/java/awt/Toolkit.html#getBestCursorSize(int,%20int))(int preferredWidth, int preferredHeight)            Returns the supported cursor dimension which is closest to the desired sizes. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Container.**[**getMaximumSize**](http://docs.google.com/java/awt/Container.html#getMaximumSize())()            Returns the maximum size of this container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**getMaximumSize**](http://docs.google.com/java/awt/Component.html#getMaximumSize())()            Gets the maximum size of this component. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextArea.**[**getMinimumSize**](http://docs.google.com/java/awt/TextArea.html#getMinimumSize())()            Determines the minimum size of this text area. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Container.**[**getMinimumSize**](http://docs.google.com/java/awt/Container.html#getMinimumSize())()            Returns the minimum size of this container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.**[**getMinimumSize**](http://docs.google.com/java/awt/List.html#getMinimumSize())()            Determines the minimum size of this scrolling list. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextField.**[**getMinimumSize**](http://docs.google.com/java/awt/TextField.html#getMinimumSize())()            Gets the minumum dimensions for this text field. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**getMinimumSize**](http://docs.google.com/java/awt/Component.html#getMinimumSize())()            Gets the mininimum size of this component. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.**[**getMinimumSize**](http://docs.google.com/java/awt/List.html#getMinimumSize(int))(int rows)            Gets the minumum dimensions for a list with the specified number of rows. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextField.**[**getMinimumSize**](http://docs.google.com/java/awt/TextField.html#getMinimumSize(int))(int columns)            Gets the minumum dimensions for a text field with the specified number of columns. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextArea.**[**getMinimumSize**](http://docs.google.com/java/awt/TextArea.html#getMinimumSize(int,%20int))(int rows, int columns)            Determines the minimum size of a text area with the specified number of rows and columns. |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GridBagLayout.**[**getMinSize**](http://docs.google.com/java/awt/GridBagLayout.html#getMinSize(java.awt.Container,%20java.awt.GridBagLayoutInfo))([Container](http://docs.google.com/java/awt/Container.html) parent, [GridBagLayoutInfo](http://docs.google.com/java/awt/GridBagLayoutInfo.html) info)            Figures out the minimum size of the master based on the information from getLayoutInfo. |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GridBagLayout.**[**GetMinSize**](http://docs.google.com/java/awt/GridBagLayout.html#GetMinSize(java.awt.Container,%20java.awt.GridBagLayoutInfo))([Container](http://docs.google.com/java/awt/Container.html) parent, [GridBagLayoutInfo](http://docs.google.com/java/awt/GridBagLayoutInfo.html) info)            This method is obsolete and supplied for backwards compatability only; new code should call [getMinSize](http://docs.google.com/java/awt/GridBagLayout.html#getMinSize(java.awt.Container,%20java.awt.GridBagLayoutInfo)) instead. |
| abstract  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **PrintJob.**[**getPageDimension**](http://docs.google.com/java/awt/PrintJob.html#getPageDimension())()            Returns the dimensions of the page in pixels. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextArea.**[**getPreferredSize**](http://docs.google.com/java/awt/TextArea.html#getPreferredSize())()            Determines the preferred size of this text area. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Container.**[**getPreferredSize**](http://docs.google.com/java/awt/Container.html#getPreferredSize())()            Returns the preferred size of this container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.**[**getPreferredSize**](http://docs.google.com/java/awt/List.html#getPreferredSize())()            Gets the preferred size of this scrolling list. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextField.**[**getPreferredSize**](http://docs.google.com/java/awt/TextField.html#getPreferredSize())()            Gets the preferred size of this text field. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**getPreferredSize**](http://docs.google.com/java/awt/Component.html#getPreferredSize())()            Gets the preferred size of this component. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.**[**getPreferredSize**](http://docs.google.com/java/awt/List.html#getPreferredSize(int))(int rows)            Gets the preferred dimensions for a list with the specified number of rows. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextField.**[**getPreferredSize**](http://docs.google.com/java/awt/TextField.html#getPreferredSize(int))(int columns)            Gets the preferred size of this text field with the specified number of columns. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextArea.**[**getPreferredSize**](http://docs.google.com/java/awt/TextArea.html#getPreferredSize(int,%20int))(int rows, int columns)            Determines the preferred size of a text area with the specified number of rows and columns. |
| abstract  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Toolkit.**[**getScreenSize**](http://docs.google.com/java/awt/Toolkit.html#getScreenSize())()            Gets the size of the screen. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MenuComponent.AccessibleAWTMenuComponent.**[**getSize**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#getSize())()            Returns the size of this object in the form of a Dimension object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.AccessibleAWTList.AccessibleAWTListChild.**[**getSize**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#getSize())()            Returns the size of this object in the form of a Dimension object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Rectangle.**[**getSize**](http://docs.google.com/java/awt/Rectangle.html#getSize())()            Gets the size of this Rectangle, represented by the returned Dimension. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**getSize**](http://docs.google.com/java/awt/Component.html#getSize())()            Returns the size of this component in the form of a Dimension object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.AccessibleAWTComponent.**[**getSize**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getSize())()            Returns the size of this object in the form of a Dimension object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Dimension.**[**getSize**](http://docs.google.com/java/awt/Dimension.html#getSize())()            Gets the size of this Dimension object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TrayIcon.**[**getSize**](http://docs.google.com/java/awt/TrayIcon.html#getSize())()            Returns the size, in pixels, of the space that the tray icon occupies in the system tray. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **SplashScreen.**[**getSize**](http://docs.google.com/java/awt/SplashScreen.html#getSize())()            Returns the size of the splash screen window as a [Dimension](http://docs.google.com/java/awt/Dimension.html). |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**getSize**](http://docs.google.com/java/awt/Component.html#getSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) rv)            Stores the width/height of this component into "return value" **rv** and return **rv**. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **SystemTray.**[**getTrayIconSize**](http://docs.google.com/java/awt/SystemTray.html#getTrayIconSize())()            Returns the size, in pixels, of the space that a tray icon will occupy in the system tray. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ScrollPane.**[**getViewportSize**](http://docs.google.com/java/awt/ScrollPane.html#getViewportSize())()            Returns the current size of the scroll pane's view port. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GridBagLayout.**[**maximumLayoutSize**](http://docs.google.com/java/awt/GridBagLayout.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the maximum dimensions for this layout given the components in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **CardLayout.**[**maximumLayoutSize**](http://docs.google.com/java/awt/CardLayout.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the maximum dimensions for this layout given the components in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **LayoutManager2.**[**maximumLayoutSize**](http://docs.google.com/java/awt/LayoutManager2.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Calculates the maximum size dimensions for the specified container, given the components it contains. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BorderLayout.**[**maximumLayoutSize**](http://docs.google.com/java/awt/BorderLayout.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the maximum dimensions for this layout given the components in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GridLayout.**[**minimumLayoutSize**](http://docs.google.com/java/awt/GridLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Determines the minimum size of the container argument using this grid layout. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GridBagLayout.**[**minimumLayoutSize**](http://docs.google.com/java/awt/GridBagLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Determines the minimum size of the parent container using this grid bag layout. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **FlowLayout.**[**minimumLayoutSize**](http://docs.google.com/java/awt/FlowLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the minimum dimensions needed to layout the *visible* components contained in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **CardLayout.**[**minimumLayoutSize**](http://docs.google.com/java/awt/CardLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Calculates the minimum size for the specified panel. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BorderLayout.**[**minimumLayoutSize**](http://docs.google.com/java/awt/BorderLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Determines the minimum size of the target container using this layout manager. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **LayoutManager.**[**minimumLayoutSize**](http://docs.google.com/java/awt/LayoutManager.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. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextArea.**[**minimumSize**](http://docs.google.com/java/awt/TextArea.html#minimumSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getMinimumSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Container.**[**minimumSize**](http://docs.google.com/java/awt/Container.html#minimumSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getMinimumSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.**[**minimumSize**](http://docs.google.com/java/awt/List.html#minimumSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getMinimumSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextField.**[**minimumSize**](http://docs.google.com/java/awt/TextField.html#minimumSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getMinimumSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**minimumSize**](http://docs.google.com/java/awt/Component.html#minimumSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getMinimumSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.**[**minimumSize**](http://docs.google.com/java/awt/List.html#minimumSize(int))(int rows)  **Deprecated.** *As of JDK version 1.1, replaced by getMinimumSize(int).* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextField.**[**minimumSize**](http://docs.google.com/java/awt/TextField.html#minimumSize(int))(int columns)  **Deprecated.** *As of JDK version 1.1, replaced by getMinimumSize(int).* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextArea.**[**minimumSize**](http://docs.google.com/java/awt/TextArea.html#minimumSize(int,%20int))(int rows, int columns)  **Deprecated.** *As of JDK version 1.1, replaced by getMinimumSize(int, int).* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GridLayout.**[**preferredLayoutSize**](http://docs.google.com/java/awt/GridLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Determines the preferred size of the container argument using this grid layout. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GridBagLayout.**[**preferredLayoutSize**](http://docs.google.com/java/awt/GridBagLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Determines the preferred size of the parent container using this grid bag layout. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **FlowLayout.**[**preferredLayoutSize**](http://docs.google.com/java/awt/FlowLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the preferred dimensions for this layout given the *visible* components in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **CardLayout.**[**preferredLayoutSize**](http://docs.google.com/java/awt/CardLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Determines the preferred size of the container argument using this card layout. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BorderLayout.**[**preferredLayoutSize**](http://docs.google.com/java/awt/BorderLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Determines the preferred size of the target container using this layout manager, based on the components in the container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **LayoutManager.**[**preferredLayoutSize**](http://docs.google.com/java/awt/LayoutManager.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. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextArea.**[**preferredSize**](http://docs.google.com/java/awt/TextArea.html#preferredSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getPreferredSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Container.**[**preferredSize**](http://docs.google.com/java/awt/Container.html#preferredSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getPreferredSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.**[**preferredSize**](http://docs.google.com/java/awt/List.html#preferredSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getPreferredSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextField.**[**preferredSize**](http://docs.google.com/java/awt/TextField.html#preferredSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getPreferredSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**preferredSize**](http://docs.google.com/java/awt/Component.html#preferredSize())()  **Deprecated.** *As of JDK version 1.1, replaced by getPreferredSize().* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **List.**[**preferredSize**](http://docs.google.com/java/awt/List.html#preferredSize(int))(int rows)  **Deprecated.** *As of JDK version 1.1, replaced by getPreferredSize(int).* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextField.**[**preferredSize**](http://docs.google.com/java/awt/TextField.html#preferredSize(int))(int columns)  **Deprecated.** *As of JDK version 1.1, replaced by getPreferredSize(int).* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TextArea.**[**preferredSize**](http://docs.google.com/java/awt/TextArea.html#preferredSize(int,%20int))(int rows, int columns)  **Deprecated.** *As of JDK version 1.1, replaced by getPreferredSize(int, int).* |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**size**](http://docs.google.com/java/awt/Component.html#size())()  **Deprecated.** *As of JDK version 1.1, replaced by getSize().* |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Component.**[**getSize**](http://docs.google.com/java/awt/Component.html#getSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) rv)            Stores the width/height of this component into "return value" **rv** and return **rv**. |
| void | **Component.**[**resize**](http://docs.google.com/java/awt/Component.html#resize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)  **Deprecated.** *As of JDK version 1.1, replaced by setSize(Dimension).* |
| void | **Component.**[**setMaximumSize**](http://docs.google.com/java/awt/Component.html#setMaximumSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) maximumSize)            Sets the maximum size of this component to a constant value. |
| void | **Window.**[**setMinimumSize**](http://docs.google.com/java/awt/Window.html#setMinimumSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) minimumSize)            Sets the minimum size of this window to a constant value. |
| void | **Component.**[**setMinimumSize**](http://docs.google.com/java/awt/Component.html#setMinimumSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) minimumSize)            Sets the minimum size of this component to a constant value. |
| void | **Component.**[**setPreferredSize**](http://docs.google.com/java/awt/Component.html#setPreferredSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) preferredSize)            Sets the preferred size of this component to a constant value. |
| void | **MenuComponent.AccessibleAWTMenuComponent.**[**setSize**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Resizes this object. |
| void | **Window.**[**setSize**](http://docs.google.com/java/awt/Window.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Resizes this component so that it has width d.width and height d.height. |
| void | **List.AccessibleAWTList.AccessibleAWTListChild.**[**setSize**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Resizes this object so that it has width and height. |
| void | **Rectangle.**[**setSize**](http://docs.google.com/java/awt/Rectangle.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Sets the size of this Rectangle to match the specified Dimension. |
| void | **Component.**[**setSize**](http://docs.google.com/java/awt/Component.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Resizes this component so that it has width d.width and height d.height. |
| void | **Component.AccessibleAWTComponent.**[**setSize**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Resizes this object so that it has width and height. |
| void | **Dimension.**[**setSize**](http://docs.google.com/java/awt/Dimension.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Sets the size of this Dimension object to the specified size. |

| Constructors in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [**Dimension**](http://docs.google.com/java/awt/Dimension.html#Dimension(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Creates an instance of Dimension whose width and height are the same as for the specified dimension. |
| [**Rectangle**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Constructs a new Rectangle whose top left corner is (0, 0) and whose width and height are specified by the Dimension argument. |
| [**Rectangle**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(java.awt.Point,%20java.awt.Dimension))([Point](http://docs.google.com/java/awt/Point.html) p, [Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Constructs a new Rectangle whose upper-left corner is specified by the [Point](http://docs.google.com/java/awt/Point.html) argument, and whose width and height are specified by the [Dimension](http://docs.google.com/java/awt/Dimension.html) argument. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) | |
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| Methods in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **AccessibleComponent.**[**getSize**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize())()            Returns the size of this object in the form of a Dimension object. |

| Methods in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| void | **AccessibleComponent.**[**setSize**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Resizes this object so that it has width and height. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) | |
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| Fields in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) declared as [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html)[] | **ImageWriteParam.**[**preferredTileSizes**](http://docs.google.com/javax/imageio/ImageWriteParam.html#preferredTileSizes)            An array of preferred tile size range pairs. |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ImageReadParam.**[**sourceRenderSize**](http://docs.google.com/javax/imageio/ImageReadParam.html#sourceRenderSize)            The desired rendering width and height of the source, if canSetSourceRenderSize is true, or null. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [Dimension](http://docs.google.com/java/awt/Dimension.html)[] | **ImageWriter.**[**getPreferredThumbnailSizes**](http://docs.google.com/javax/imageio/ImageWriter.html#getPreferredThumbnailSizes(javax.imageio.ImageTypeSpecifier,%20javax.imageio.ImageWriteParam,%20javax.imageio.metadata.IIOMetadata,%20javax.imageio.metadata.IIOMetadata))([ImageTypeSpecifier](http://docs.google.com/javax/imageio/ImageTypeSpecifier.html) imageType, [ImageWriteParam](http://docs.google.com/javax/imageio/ImageWriteParam.html) param, [IIOMetadata](http://docs.google.com/javax/imageio/metadata/IIOMetadata.html) streamMetadata, [IIOMetadata](http://docs.google.com/javax/imageio/metadata/IIOMetadata.html) imageMetadata)            Returns an array of Dimensions indicating the legal size ranges for thumbnail images as they will be encoded in the output file or stream. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html)[] | **ImageWriteParam.**[**getPreferredTileSizes**](http://docs.google.com/javax/imageio/ImageWriteParam.html#getPreferredTileSizes())()            Returns an array of Dimensions indicating the legal size ranges for tiles as they will be encoded in the output file or stream. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ImageReadParam.**[**getSourceRenderSize**](http://docs.google.com/javax/imageio/ImageReadParam.html#getSourceRenderSize())()            Returns the width and height of the source image as it will be rendered during decoding, if they have been set via the setSourceRenderSize method. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| void | **ImageReadParam.**[**setSourceRenderSize**](http://docs.google.com/javax/imageio/ImageReadParam.html#setSourceRenderSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) size)            If the image is able to be rendered at an arbitrary size, sets the source width and height to the supplied values. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Fields in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) declared as [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTable.**[**preferredViewportSize**](http://docs.google.com/javax/swing/JTable.html#preferredViewportSize)            Used by the Scrollable interface to determine the initial visible area. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **UIDefaults.**[**getDimension**](http://docs.google.com/javax/swing/UIDefaults.html#getDimension(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) key)            If the value of key is a Dimension return it, otherwise return null. |
| static [Dimension](http://docs.google.com/java/awt/Dimension.html) | **UIManager.**[**getDimension**](http://docs.google.com/javax/swing/UIManager.html#getDimension(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) key)            Returns a dimension from the defaults. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **UIDefaults.**[**getDimension**](http://docs.google.com/javax/swing/UIDefaults.html#getDimension(java.lang.Object,%20java.util.Locale))([Object](http://docs.google.com/java/lang/Object.html) key, [Locale](http://docs.google.com/java/util/Locale.html) l)            If the value of key for the given Locale is a Dimension return it, otherwise return null. |
| static [Dimension](http://docs.google.com/java/awt/Dimension.html) | **UIManager.**[**getDimension**](http://docs.google.com/javax/swing/UIManager.html#getDimension(java.lang.Object,%20java.util.Locale))([Object](http://docs.google.com/java/lang/Object.html) key, [Locale](http://docs.google.com/java/util/Locale.html) l)            Returns a dimension from the defaults that is appropriate for the given locale. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **RepaintManager.**[**getDoubleBufferMaximumSize**](http://docs.google.com/javax/swing/RepaintManager.html#getDoubleBufferMaximumSize())()            Returns the maximum double buffer size. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JViewport.**[**getExtentSize**](http://docs.google.com/javax/swing/JViewport.html#getExtentSize())()            Returns the size of the visible part of the view in view coordinates. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTable.**[**getIntercellSpacing**](http://docs.google.com/javax/swing/JTable.html#getIntercellSpacing())()            Returns the horizontal and vertical space between cells. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JToolBar.Separator.**[**getMaximumSize**](http://docs.google.com/javax/swing/JToolBar.Separator.html#getMaximumSize())()            Returns the maximum size for the separator. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JScrollBar.**[**getMaximumSize**](http://docs.google.com/javax/swing/JScrollBar.html#getMaximumSize())()            The scrollbar is flexible along it's scrolling axis and rigid along the other axis. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JComponent.**[**getMaximumSize**](http://docs.google.com/javax/swing/JComponent.html#getMaximumSize())()            If the maximum size has been set to a non-null value just returns it. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JToolBar.Separator.**[**getMinimumSize**](http://docs.google.com/javax/swing/JToolBar.Separator.html#getMinimumSize())()            Returns the minimum size for the separator. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JScrollBar.**[**getMinimumSize**](http://docs.google.com/javax/swing/JScrollBar.html#getMinimumSize())()            The scrollbar is flexible along it's scrolling axis and rigid along the other axis. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JComponent.**[**getMinimumSize**](http://docs.google.com/javax/swing/JComponent.html#getMinimumSize())()            If the minimum size has been set to a non-null value just returns it. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTextArea.**[**getPreferredScrollableViewportSize**](http://docs.google.com/javax/swing/JTextArea.html#getPreferredScrollableViewportSize())()            Returns the preferred size of the viewport if this component is embedded in a JScrollPane. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTree.**[**getPreferredScrollableViewportSize**](http://docs.google.com/javax/swing/JTree.html#getPreferredScrollableViewportSize())()            Returns the preferred display size of a JTree. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTable.**[**getPreferredScrollableViewportSize**](http://docs.google.com/javax/swing/JTable.html#getPreferredScrollableViewportSize())()            Returns the preferred size of the viewport for this table. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JList.**[**getPreferredScrollableViewportSize**](http://docs.google.com/javax/swing/JList.html#getPreferredScrollableViewportSize())()            Computes the size of viewport needed to display visibleRowCount rows. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Scrollable.**[**getPreferredScrollableViewportSize**](http://docs.google.com/javax/swing/Scrollable.html#getPreferredScrollableViewportSize())()            Returns the preferred size of the viewport for a view component. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JToolBar.Separator.**[**getPreferredSize**](http://docs.google.com/javax/swing/JToolBar.Separator.html#getPreferredSize())()            Returns the preferred size for the separator. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTextArea.**[**getPreferredSize**](http://docs.google.com/javax/swing/JTextArea.html#getPreferredSize())()            Returns the preferred size of the TextArea. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTextField.**[**getPreferredSize**](http://docs.google.com/javax/swing/JTextField.html#getPreferredSize())()            Returns the preferred size Dimensions needed for this TextField. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JEditorPane.**[**getPreferredSize**](http://docs.google.com/javax/swing/JEditorPane.html#getPreferredSize())()            Returns the preferred size for the JEditorPane. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JComponent.**[**getPreferredSize**](http://docs.google.com/javax/swing/JComponent.html#getPreferredSize())()            If the preferredSize has been set to a non-null value just returns it. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JToolBar.Separator.**[**getSeparatorSize**](http://docs.google.com/javax/swing/JToolBar.Separator.html#getSeparatorSize())()            Returns the size of the separator |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**getSize**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTable.AccessibleJTable.AccessibleJTableCell.**[**getSize**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#getSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JList.AccessibleJList.AccessibleJListChild.**[**getSize**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#getSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JComponent.**[**getSize**](http://docs.google.com/javax/swing/JComponent.html#getSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) rv)            Stores the width/height of this component into "return value" rv and returns rv. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JViewport.**[**getViewSize**](http://docs.google.com/javax/swing/JViewport.html#getViewSize())()            If the view's size hasn't been explicitly set, return the preferred size, otherwise return the view's current size. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **SpringLayout.**[**maximumLayoutSize**](http://docs.google.com/javax/swing/SpringLayout.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GroupLayout.**[**maximumLayoutSize**](http://docs.google.com/javax/swing/GroupLayout.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the maximum size for the specified container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BoxLayout.**[**maximumLayoutSize**](http://docs.google.com/javax/swing/BoxLayout.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the maximum dimensions the target container can use to lay out the components it contains. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **OverlayLayout.**[**maximumLayoutSize**](http://docs.google.com/javax/swing/OverlayLayout.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the maximum dimensions needed to lay out the components contained in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JRootPane.RootLayout.**[**maximumLayoutSize**](http://docs.google.com/javax/swing/JRootPane.RootLayout.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the maximum amount of space the layout can use. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **SpringLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/SpringLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GroupLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/GroupLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the minimum size for the specified container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JSpinner.DefaultEditor.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/JSpinner.DefaultEditor.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the minimum size of first (and only) child plus the size of the parents insets. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BoxLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/BoxLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the minimum dimensions needed to lay out the components contained in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ViewportLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/ViewportLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the minimum dimensions needed to layout the components contained in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ScrollPaneLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/ScrollPaneLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            The minimum size of a ScrollPane is the size of the insets plus minimum size of the viewport, plus the scrollpane's viewportBorder insets, plus the minimum size of the visible headers, plus the minimum size of the scrollbars whose displayPolicy isn't NEVER. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **OverlayLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/OverlayLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the minimum dimensions needed to lay out the components contained in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JRootPane.RootLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/JRootPane.RootLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the minimum amount of space the layout needs. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **SpringLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/SpringLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **GroupLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/GroupLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the preferred size for the specified container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JSpinner.DefaultEditor.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/JSpinner.DefaultEditor.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the preferred size of first (and only) child plus the size of the parents insets. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BoxLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/BoxLayout.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. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ViewportLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/ViewportLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the preferred dimensions for this layout given the components in the specified target container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ScrollPaneLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/ScrollPaneLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            The preferred size of a ScrollPane is the size of the insets, plus the preferred size of the viewport, plus the preferred size of the visible headers, plus the preferred size of the scrollbars that will appear given the current view and the current scrollbar displayPolicies. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **OverlayLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/OverlayLayout.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. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JRootPane.RootLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/JRootPane.RootLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent)            Returns the amount of space the layout would like to have. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JViewport.**[**toViewCoordinates**](http://docs.google.com/javax/swing/JViewport.html#toViewCoordinates(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) size)            Converts a size in pixel coordinates to view coordinates. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| void | **JToolBar.**[**addSeparator**](http://docs.google.com/javax/swing/JToolBar.html#addSeparator(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) size)            Appends a separator of a specified size to the end of the tool bar. |
| void | **Box.Filler.**[**changeShape**](http://docs.google.com/javax/swing/Box.Filler.html#changeShape(java.awt.Dimension,%20java.awt.Dimension,%20java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) min, [Dimension](http://docs.google.com/java/awt/Dimension.html) pref, [Dimension](http://docs.google.com/java/awt/Dimension.html) max)            Change the size requests for this shape. |
| protected  boolean | **JViewport.**[**computeBlit**](http://docs.google.com/javax/swing/JViewport.html#computeBlit(int,%20int,%20java.awt.Point,%20java.awt.Point,%20java.awt.Dimension,%20java.awt.Rectangle))(int dx, int dy, [Point](http://docs.google.com/java/awt/Point.html) blitFrom, [Point](http://docs.google.com/java/awt/Point.html) blitTo, [Dimension](http://docs.google.com/java/awt/Dimension.html) blitSize, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) blitPaint)            Computes the parameters for a blit where the backing store image currently contains oldLoc in the upper left hand corner and we're scrolling to newLoc. |
| static [Component](http://docs.google.com/java/awt/Component.html) | **Box.**[**createRigidArea**](http://docs.google.com/javax/swing/Box.html#createRigidArea(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Creates an invisible component that's always the specified size. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JComponent.**[**getSize**](http://docs.google.com/javax/swing/JComponent.html#getSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) rv)            Stores the width/height of this component into "return value" rv and returns rv. |
| void | **RepaintManager.**[**setDoubleBufferMaximumSize**](http://docs.google.com/javax/swing/RepaintManager.html#setDoubleBufferMaximumSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Set the maximum double buffer size. |
| void | **JViewport.**[**setExtentSize**](http://docs.google.com/javax/swing/JViewport.html#setExtentSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) newExtent)            Sets the size of the visible part of the view using view coordinates. |
| void | **JTable.**[**setIntercellSpacing**](http://docs.google.com/javax/swing/JTable.html#setIntercellSpacing(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) intercellSpacing)            Sets the rowMargin and the columnMargin -- the height and width of the space between cells -- to intercellSpacing. |
| void | **JComponent.**[**setMaximumSize**](http://docs.google.com/javax/swing/JComponent.html#setMaximumSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) maximumSize)            Sets the maximum size of this component to a constant value. |
| void | **JComponent.**[**setMinimumSize**](http://docs.google.com/javax/swing/JComponent.html#setMinimumSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) minimumSize)            Sets the minimum size of this component to a constant value. |
| void | **JPopupMenu.**[**setPopupSize**](http://docs.google.com/javax/swing/JPopupMenu.html#setPopupSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Sets the size of the Popup window using a Dimension object. |
| void | **JTable.**[**setPreferredScrollableViewportSize**](http://docs.google.com/javax/swing/JTable.html#setPreferredScrollableViewportSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) size)            Sets the preferred size of the viewport for this table. |
| void | **JComponent.**[**setPreferredSize**](http://docs.google.com/javax/swing/JComponent.html#setPreferredSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) preferredSize)            Sets the preferred size of this component. |
| void | **JToolBar.Separator.**[**setSeparatorSize**](http://docs.google.com/javax/swing/JToolBar.Separator.html#setSeparatorSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) size)            Sets the size of the separator. |
| void | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**setSize**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d) |
| void | **JTable.AccessibleJTable.AccessibleJTableCell.**[**setSize**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d) |
| void | **JList.AccessibleJList.AccessibleJListChild.**[**setSize**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d) |
| void | **JViewport.**[**setViewSize**](http://docs.google.com/javax/swing/JViewport.html#setViewSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) newSize)            Sets the size of the view. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JViewport.**[**toViewCoordinates**](http://docs.google.com/javax/swing/JViewport.html#toViewCoordinates(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) size)            Converts a size in pixel coordinates to view coordinates. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| [**Box.Filler**](http://docs.google.com/javax/swing/Box.Filler.html#Box.Filler(java.awt.Dimension,%20java.awt.Dimension,%20java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) min, [Dimension](http://docs.google.com/java/awt/Dimension.html) pref, [Dimension](http://docs.google.com/java/awt/Dimension.html) max)            Constructor to create shape with the given size ranges. |
| [**JToolBar.Separator**](http://docs.google.com/javax/swing/JToolBar.Separator.html#JToolBar.Separator(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) size)            Creates a new toolbar separator with the specified size. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.border](http://docs.google.com/javax/swing/border/package-summary.html) | |
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| Methods in [javax.swing.border](http://docs.google.com/javax/swing/border/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **TitledBorder.**[**getMinimumSize**](http://docs.google.com/javax/swing/border/TitledBorder.html#getMinimumSize(java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) c)            Returns the minimum dimensions this border requires in order to fully display the border and title. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
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| Subclasses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
| --- | --- |
| class | [**DimensionUIResource**](http://docs.google.com/javax/swing/plaf/DimensionUIResource.html) |

| Methods in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ComponentUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the specified component's maximum size appropriate for the look and feel. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ComponentUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the specified component's minimum size appropriate for the look and feel. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **ComponentUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the specified component's preferred size appropriate for the look and feel. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
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| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) declared as [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxUI.**[**cachedMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#cachedMinimumSize) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollBarUI.**[**maximumThumbSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#maximumThumbSize) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicOptionPaneUI.**[**minimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.html#minimumSize) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollBarUI.**[**minimumThumbSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#minimumThumbSize) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTreeUI.**[**preferredMinSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#preferredMinSize)            Minimum preferred size. |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTreeUI.**[**preferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#preferredSize)            Size needed to completely display all the nodes. |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTabbedPaneUI.TabbedPaneLayout.**[**calculateSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#calculateSize(boolean))(boolean minimum) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxUI.**[**getDefaultSize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getDefaultSize())()            Return the default size of an empty display area of the combo box using the current renderer and font. |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxUI.**[**getDisplaySize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getDisplaySize())()            Returns the calculated size of the display area. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicArrowButton.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicArrowButton.html#getMaximumSize())()            Returns the maximum size of the BasicArrowButton. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSeparatorUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicToolTipUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicToolTipUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTableHeaderUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTableHeaderUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Return the maximum size of the header. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTableUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Return the maximum size of the table. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTabbedPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSliderUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollBarUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicProgressBarUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicMenuUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicMenuBarUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicLabelUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicLabelUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicInternalFrameUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) x) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicDesktopIconUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Desktop icons can not be resized. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicDesktopPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTextUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Gets the maximum size for the editor component. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicButtonUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTreeUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the maximum size for this component, which will be the preferred size if the instance is currently in a JTree, or 0, 0. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) jc)            Returns the maximum size for the passed in component, This is passed off to the current layoutmanager. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicMenuItemUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuItemUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollBarUI.**[**getMaximumThumbSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#getMaximumThumbSize())()            Return the largest acceptable size for the thumb. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSliderUI.**[**getMinimumHorizontalSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getMinimumHorizontalSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicOptionPaneUI.**[**getMinimumOptionPaneSize**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.html#getMinimumOptionPaneSize())()            Returns the minimum size the option pane should be. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicArrowButton.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicArrowButton.html#getMinimumSize())()            Returns the minimum size of the BasicArrowButton. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneDivider.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.html#getMinimumSize())()            Returns dividerSize x dividerSize |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSeparatorUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicToolTipUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicToolTipUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTextAreaUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTextAreaUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            The method is overridden to take into account caret width. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTableHeaderUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTableHeaderUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Return the minimum size of the header. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTableUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Return the minimum size of the table. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTabbedPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSliderUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicProgressBarUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            The Minimum size for this component is 10. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicMenuBarUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicLabelUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicLabelUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicInternalFrameUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) x) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicDesktopIconUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicDesktopPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTextUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Gets the minimum size for the editor component. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicButtonUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTreeUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the minimum size for this component. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) jc)            Returns the minimum size for the passed in component, This is passed off to the current layoutmanager. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            The minumum size is the size of the display area plus insets plus the button. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicMenuItemUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuItemUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollBarUI.**[**getMinimumThumbSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#getMinimumThumbSize())()            Return the smallest acceptable size for the thumb. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSliderUI.**[**getMinimumVerticalSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getMinimumVerticalSize())() |
| static [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicGraphicsUtils.**[**getPreferredButtonSize**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#getPreferredButtonSize(javax.swing.AbstractButton,%20int))([AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) b, int textIconGap) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSliderUI.**[**getPreferredHorizontalSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getPreferredHorizontalSize())() |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicProgressBarUI.**[**getPreferredInnerHorizontal**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getPreferredInnerHorizontal())() |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicProgressBarUI.**[**getPreferredInnerVertical**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getPreferredInnerVertical())() |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicMenuItemUI.**[**getPreferredMenuItemSize**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuItemUI.html#getPreferredMenuItemSize(javax.swing.JComponent,%20javax.swing.Icon,%20javax.swing.Icon,%20int))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c, [Icon](http://docs.google.com/javax/swing/Icon.html) checkIcon, [Icon](http://docs.google.com/javax/swing/Icon.html) arrowIcon, int defaultTextIconGap) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTreeUI.**[**getPreferredMinSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getPreferredMinSize())()            Returns the minimum preferred size. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicArrowButton.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicArrowButton.html#getPreferredSize())()            Returns the preferred size of the BasicArrowButton. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxRenderer.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxRenderer.html#getPreferredSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneDivider.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.html#getPreferredSize())()            Returns dividerSize x dividerSize |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicPopupMenuSeparatorUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicPopupMenuSeparatorUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicRadioButtonUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            The preferred size of the radio button |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicToolBarSeparatorUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarSeparatorUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSeparatorUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicToolTipUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicToolTipUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTextAreaUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTextAreaUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            The method is overridden to take into account caret width. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTableHeaderUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTableHeaderUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Return the preferred size of the header. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTableUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Return the preferred size of the table. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSliderUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollBarUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            A vertical scrollbar's preferred width is the maximum of preferred widths of the (non null) increment/decrement buttons, and the minimum width of the thumb. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicProgressBarUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicOptionPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            If c is the JOptionPane the receiver is contained in, the preferred size that is returned is the maximum of the preferred size of the LayoutManager for the JOptionPane, and getMinimumOptionPaneSize. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicListUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            The preferredSize of the list depends upon the layout orientation. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicLabelUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicLabelUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicInternalFrameUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) x) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicDesktopIconUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicDesktopPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTextUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Gets the preferred size for the editor component. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicButtonUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTreeUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the preferred size to properly display the tree, this is a cover method for getPreferredSize(c, false). |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) jc)            Returns the preferred size for the passed in component, This is passed off to the current layoutmanager. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicMenuItemUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuItemUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTreeUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getPreferredSize(javax.swing.JComponent,%20boolean))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c, boolean checkConsistancy)            Returns the preferred size to represent the tree in *c*. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSliderUI.**[**getPreferredVerticalSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getPreferredVerticalSize())() |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSliderUI.**[**getThumbSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getThumbSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneUI.BasicHorizontalLayoutManager.**[**maximumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html#maximumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) target)            Returns the maximum layout size, which is Integer.MAX\_VALUE in both directions. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTabbedPaneUI.TabbedPaneLayout.**[**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) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollBarUI.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) scrollbarContainer) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicOptionPaneUI.ButtonAreaLayout.**[**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) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicInternalFrameTitlePane.TitlePaneLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.TitlePaneLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicInternalFrameUI.InternalFrameLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.InternalFrameLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneUI.BasicHorizontalLayoutManager.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) container)            Returns the minimum size needed to contain the children. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxUI.ComboBoxLayoutManager.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ComboBoxLayoutManager.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneDivider.DividerLayout.**[**minimumLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DividerLayout.html#minimumLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicTabbedPaneUI.TabbedPaneLayout.**[**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) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicScrollBarUI.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) scrollbarContainer) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicOptionPaneUI.ButtonAreaLayout.**[**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) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicInternalFrameTitlePane.TitlePaneLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.TitlePaneLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicInternalFrameUI.InternalFrameLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.InternalFrameLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneUI.BasicHorizontalLayoutManager.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) container)            Returns the preferred size needed to contain the children. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicComboBoxUI.ComboBoxLayoutManager.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ComboBoxLayoutManager.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) parent) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **DefaultMenuLayout.**[**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) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **BasicSplitPaneDivider.DividerLayout.**[**preferredLayoutSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DividerLayout.html#preferredLayoutSize(java.awt.Container))([Container](http://docs.google.com/java/awt/Container.html) c) |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| protected  int | **BasicSplitPaneUI.BasicHorizontalLayoutManager.**[**getAvailableSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html#getAvailableSize(java.awt.Dimension,%20java.awt.Insets))([Dimension](http://docs.google.com/java/awt/Dimension.html) containerSize, [Insets](http://docs.google.com/java/awt/Insets.html) insets)            Returns the available width based on the container size and Insets. |
| protected  void | **BasicRadioButtonUI.**[**paintFocus**](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#paintFocus(java.awt.Graphics,%20java.awt.Rectangle,%20java.awt.Dimension))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) textRect, [Dimension](http://docs.google.com/java/awt/Dimension.html) size) |
| protected  void | **BasicSplitPaneUI.BasicHorizontalLayoutManager.**[**setComponentToSize**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html#setComponentToSize(java.awt.Component,%20int,%20int,%20java.awt.Insets,%20java.awt.Dimension))([Component](http://docs.google.com/java/awt/Component.html) c, int size, int location, [Insets](http://docs.google.com/java/awt/Insets.html) insets, [Dimension](http://docs.google.com/java/awt/Dimension.html) containerSize)            Sets the width of the component c to be size, placing its x location at location, y to the insets.top and height to the containersize.height less the top and bottom insets. |
| void | **BasicTreeUI.**[**setPreferredMinSize**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#setPreferredMinSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) newSize)            Sets the preferred minimum size. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) | |
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| Methods in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalScrollButton.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollButton.html#getMaximumSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalFileChooserUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the maximum size of the JFileChooser. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalDesktopIconUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalScrollButton.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollButton.html#getMinimumSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalComboBoxButton.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxButton.html#getMinimumSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalFileChooserUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the minimum size of the JFileChooser. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalDesktopIconUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalComboBoxUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalScrollBarUI.**[**getMinimumThumbSize**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollBarUI.html#getMinimumThumbSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalScrollButton.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollButton.html#getPreferredSize())() |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalPopupMenuSeparatorUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalPopupMenuSeparatorUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalToolTipUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalToolTipUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalScrollBarUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollBarUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalSeparatorUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalSeparatorUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalFileChooserUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the preferred size of the specified JFileChooser. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalDesktopIconUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| protected  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MetalSliderUI.**[**getThumbSize**](http://docs.google.com/javax/swing/plaf/metal/MetalSliderUI.html#getThumbSize())() |

| Methods in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| protected  void | **MetalRadioButtonUI.**[**paintFocus**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#paintFocus(java.awt.Graphics,%20java.awt.Rectangle,%20java.awt.Dimension))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) t, [Dimension](http://docs.google.com/java/awt/Dimension.html) d) |

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

| Methods in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
| --- | --- |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiViewportUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiViewportUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTreeUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiToolTipUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiToolTipUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiToolBarUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiToolBarUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTextUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTableUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTableUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTableHeaderUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTableHeaderUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTabbedPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTabbedPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSplitPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSplitPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSpinnerUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSpinnerUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSliderUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSliderUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSeparatorUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSeparatorUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiScrollPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiScrollPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiScrollBarUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiScrollBarUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiRootPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiRootPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiProgressBarUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiProgressBarUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiPopupMenuUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiPopupMenuUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiPanelUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiPanelUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiOptionPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiOptionPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiMenuItemUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiMenuItemUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiMenuBarUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiMenuBarUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiListUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiListUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiLabelUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiLabelUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiInternalFrameUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiInternalFrameUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiFileChooserUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiFileChooserUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiDesktopPaneUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiDesktopPaneUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiDesktopIconUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiDesktopIconUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiComboBoxUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiComboBoxUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiColorChooserUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiColorChooserUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiButtonUI.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiButtonUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMaximumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiViewportUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiViewportUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTreeUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiToolTipUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiToolTipUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiToolBarUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiToolBarUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTextUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTableUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTableUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTableHeaderUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTableHeaderUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTabbedPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTabbedPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSplitPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSplitPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSpinnerUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSpinnerUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSliderUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSliderUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSeparatorUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSeparatorUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiScrollPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiScrollPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiScrollBarUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiScrollBarUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiRootPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiRootPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiProgressBarUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiProgressBarUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiPopupMenuUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiPopupMenuUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiPanelUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiPanelUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiOptionPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiOptionPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiMenuItemUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiMenuItemUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiMenuBarUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiMenuBarUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiListUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiListUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiLabelUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiLabelUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiInternalFrameUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiInternalFrameUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiFileChooserUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiFileChooserUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiDesktopPaneUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiDesktopPaneUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiDesktopIconUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiDesktopIconUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiComboBoxUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiComboBoxUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiColorChooserUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiColorChooserUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiButtonUI.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/multi/MultiButtonUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getMinimumSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiViewportUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiViewportUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTreeUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiToolTipUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiToolTipUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiToolBarUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiToolBarUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTextUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTableUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTableUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTableHeaderUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTableHeaderUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiTabbedPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiTabbedPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSplitPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSplitPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSpinnerUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSpinnerUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSliderUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSliderUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiSeparatorUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiSeparatorUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiScrollPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiScrollPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiScrollBarUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiScrollBarUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiRootPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiRootPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiProgressBarUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiProgressBarUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiPopupMenuUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiPopupMenuUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiPanelUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiPanelUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiOptionPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiOptionPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiMenuItemUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiMenuItemUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiMenuBarUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiMenuBarUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiListUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiListUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiLabelUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiLabelUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiInternalFrameUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiInternalFrameUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiFileChooserUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiFileChooserUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiDesktopPaneUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiDesktopPaneUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiDesktopIconUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiDesktopIconUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiComboBoxUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiComboBoxUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiColorChooserUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiColorChooserUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **MultiButtonUI.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/multi/MultiButtonUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) a)            Invokes the getPreferredSize method on each UI handled by this object. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) | |
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| Methods in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **SynthGraphicsUtils.**[**getMaximumSize**](http://docs.google.com/javax/swing/plaf/synth/SynthGraphicsUtils.html#getMaximumSize(javax.swing.plaf.synth.SynthContext,%20java.awt.Font,%20java.lang.String,%20javax.swing.Icon,%20int,%20int,%20int,%20int,%20int,%20int))([SynthContext](http://docs.google.com/javax/swing/plaf/synth/SynthContext.html) ss, [Font](http://docs.google.com/java/awt/Font.html) font, [String](http://docs.google.com/java/lang/String.html) text, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, int hAlign, int vAlign, int hTextPosition, int vTextPosition, int iconTextGap, int mnemonicIndex)            Returns the maximum size needed to properly render an icon and text. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **SynthGraphicsUtils.**[**getMinimumSize**](http://docs.google.com/javax/swing/plaf/synth/SynthGraphicsUtils.html#getMinimumSize(javax.swing.plaf.synth.SynthContext,%20java.awt.Font,%20java.lang.String,%20javax.swing.Icon,%20int,%20int,%20int,%20int,%20int,%20int))([SynthContext](http://docs.google.com/javax/swing/plaf/synth/SynthContext.html) ss, [Font](http://docs.google.com/java/awt/Font.html) font, [String](http://docs.google.com/java/lang/String.html) text, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, int hAlign, int vAlign, int hTextPosition, int vTextPosition, int iconTextGap, int mnemonicIndex)            Returns the minimum size needed to properly render an icon and text. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **SynthGraphicsUtils.**[**getPreferredSize**](http://docs.google.com/javax/swing/plaf/synth/SynthGraphicsUtils.html#getPreferredSize(javax.swing.plaf.synth.SynthContext,%20java.awt.Font,%20java.lang.String,%20javax.swing.Icon,%20int,%20int,%20int,%20int,%20int,%20int))([SynthContext](http://docs.google.com/javax/swing/plaf/synth/SynthContext.html) ss, [Font](http://docs.google.com/java/awt/Font.html) font, [String](http://docs.google.com/java/lang/String.html) text, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, int hAlign, int vAlign, int hTextPosition, int vTextPosition, int iconTextGap, int mnemonicIndex)            Returns the preferred size needed to properly render an icon and text. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) | |
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| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.**[**getSize**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#getSize())() |

| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) with parameters of type [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| void | **JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.**[**setSize**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d) |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
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| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **JTextComponent.**[**getPreferredScrollableViewportSize**](http://docs.google.com/javax/swing/text/JTextComponent.html#getPreferredScrollableViewportSize())()            Returns the preferred size of the viewport for a view component. |

| Uses of [Dimension](http://docs.google.com/java/awt/Dimension.html) in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) | |
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| Methods in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) that return [Dimension](http://docs.google.com/java/awt/Dimension.html) | |
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| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **DefaultTreeCellEditor.DefaultTextField.**[**getPreferredSize**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.DefaultTextField.html#getPreferredSize())()            Overrides JTextField.getPreferredSize to return the preferred size based on current font, if set, or else use renderer's font. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **DefaultTreeCellEditor.EditorContainer.**[**getPreferredSize**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.EditorContainer.html#getPreferredSize())()            Returns the preferred size for the Container. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **DefaultTreeCellRenderer.**[**getPreferredSize**](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html#getPreferredSize())()            Overrides JComponent.getPreferredSize to return slightly wider preferred size value. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Dimension.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-useDimension.html)    [**NO FRAMES**](http://docs.google.com/Dimension.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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