| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/geom/Dimension2D.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/geom//class-useDimension2D.html)    [**NO FRAMES**](http://docs.google.com/Dimension2D.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.geom.Dimension2D**

| Packages that use [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.geom**](#2et92p0) | Provides the Java 2D classes for defining and performing operations on objects related to two-dimensional geometry. |
| [**javax.swing.plaf**](#tyjcwt) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |

| Uses of [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |

| Subclasses of [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |
| class | [**Dimension**](http://docs.google.com/java/awt/Dimension.html)            The Dimension class encapsulates the width and height of a component (in integer precision) in a single object. |

| Uses of [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html) | |
| --- | --- |

| Methods in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html) with parameters of type [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) | |
| --- | --- |
| void | **Arc2D.**[**setArc**](http://docs.google.com/java/awt/geom/Arc2D.html#setArc(java.awt.geom.Point2D,%20java.awt.geom.Dimension2D,%20double,%20double,%20int))([Point2D](http://docs.google.com/java/awt/geom/Point2D.html) loc, [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) size, double angSt, double angExt, int closure)            Sets the location, size, angular extents, and closure type of this arc to the specified values. |
| void | **RectangularShape.**[**setFrame**](http://docs.google.com/java/awt/geom/RectangularShape.html#setFrame(java.awt.geom.Point2D,%20java.awt.geom.Dimension2D))([Point2D](http://docs.google.com/java/awt/geom/Point2D.html) loc, [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) size)            Sets the location and size of the framing rectangle of this Shape to the specified [Point2D](http://docs.google.com/java/awt/geom/Point2D.html) and [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html), respectively. |
| void | **Dimension2D.**[**setSize**](http://docs.google.com/java/awt/geom/Dimension2D.html#setSize(java.awt.geom.Dimension2D))([Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) d)            Sets the size of this Dimension2D object to match the specified size. |

| Uses of [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
| --- | --- |

| Subclasses of [Dimension2D](http://docs.google.com/java/awt/geom/Dimension2D.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) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/geom/Dimension2D.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/geom//class-useDimension2D.html)    [**NO FRAMES**](http://docs.google.com/Dimension2D.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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