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

Hierarchy For Package java.awt.geom

**Package Hierarchies:**[All Packages](http://docs.google.com/overview-tree.html)

## Class Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + java.awt.geom.[**AffineTransform**](http://docs.google.com/java/awt/geom/AffineTransform.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.awt.geom.[**Area**](http://docs.google.com/java/awt/geom/Area.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html), java.awt.[Shape](http://docs.google.com/java/awt/Shape.html))
  + java.awt.geom.[**CubicCurve2D**](http://docs.google.com/java/awt/geom/CubicCurve2D.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html), java.awt.[Shape](http://docs.google.com/java/awt/Shape.html))
    - java.awt.geom.[**CubicCurve2D.Double**](http://docs.google.com/java/awt/geom/CubicCurve2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.awt.geom.[**CubicCurve2D.Float**](http://docs.google.com/java/awt/geom/CubicCurve2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.awt.geom.[**Dimension2D**](http://docs.google.com/java/awt/geom/Dimension2D.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html))
  + java.awt.geom.[**FlatteningPathIterator**](http://docs.google.com/java/awt/geom/FlatteningPathIterator.html) (implements java.awt.geom.[PathIterator](http://docs.google.com/java/awt/geom/PathIterator.html))
  + java.awt.geom.[**Line2D**](http://docs.google.com/java/awt/geom/Line2D.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html), java.awt.[Shape](http://docs.google.com/java/awt/Shape.html))
    - java.awt.geom.[**Line2D.Double**](http://docs.google.com/java/awt/geom/Line2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.awt.geom.[**Line2D.Float**](http://docs.google.com/java/awt/geom/Line2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.awt.geom.[**Path2D**](http://docs.google.com/java/awt/geom/Path2D.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html), java.awt.[Shape](http://docs.google.com/java/awt/Shape.html))
    - java.awt.geom.[**Path2D.Double**](http://docs.google.com/java/awt/geom/Path2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.awt.geom.[**Path2D.Float**](http://docs.google.com/java/awt/geom/Path2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
      * java.awt.geom.[**GeneralPath**](http://docs.google.com/java/awt/geom/GeneralPath.html)
  + java.awt.geom.[**Point2D**](http://docs.google.com/java/awt/geom/Point2D.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html))
    - java.awt.geom.[**Point2D.Double**](http://docs.google.com/java/awt/geom/Point2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.awt.geom.[**Point2D.Float**](http://docs.google.com/java/awt/geom/Point2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.awt.geom.[**QuadCurve2D**](http://docs.google.com/java/awt/geom/QuadCurve2D.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html), java.awt.[Shape](http://docs.google.com/java/awt/Shape.html))
    - java.awt.geom.[**QuadCurve2D.Double**](http://docs.google.com/java/awt/geom/QuadCurve2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.awt.geom.[**QuadCurve2D.Float**](http://docs.google.com/java/awt/geom/QuadCurve2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.awt.geom.[**RectangularShape**](http://docs.google.com/java/awt/geom/RectangularShape.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html), java.awt.[Shape](http://docs.google.com/java/awt/Shape.html))
    - java.awt.geom.[**Arc2D**](http://docs.google.com/java/awt/geom/Arc2D.html)
      * java.awt.geom.[**Arc2D.Double**](http://docs.google.com/java/awt/geom/Arc2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
      * java.awt.geom.[**Arc2D.Float**](http://docs.google.com/java/awt/geom/Arc2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.awt.geom.[**Ellipse2D**](http://docs.google.com/java/awt/geom/Ellipse2D.html)
      * java.awt.geom.[**Ellipse2D.Double**](http://docs.google.com/java/awt/geom/Ellipse2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
      * java.awt.geom.[**Ellipse2D.Float**](http://docs.google.com/java/awt/geom/Ellipse2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.awt.geom.[**Rectangle2D**](http://docs.google.com/java/awt/geom/Rectangle2D.html)
      * java.awt.geom.[**Rectangle2D.Double**](http://docs.google.com/java/awt/geom/Rectangle2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
      * java.awt.geom.[**Rectangle2D.Float**](http://docs.google.com/java/awt/geom/Rectangle2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.awt.geom.[**RoundRectangle2D**](http://docs.google.com/java/awt/geom/RoundRectangle2D.html)
      * java.awt.geom.[**RoundRectangle2D.Double**](http://docs.google.com/java/awt/geom/RoundRectangle2D.Double.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
      * java.awt.geom.[**RoundRectangle2D.Float**](http://docs.google.com/java/awt/geom/RoundRectangle2D.Float.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.lang.[**Throwable**](http://docs.google.com/java/lang/Throwable.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Exception**](http://docs.google.com/java/lang/Exception.html)
      * java.awt.geom.[**NoninvertibleTransformException**](http://docs.google.com/java/awt/geom/NoninvertibleTransformException.html)
      * java.lang.[**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html)
        + java.awt.geom.[**IllegalPathStateException**](http://docs.google.com/java/awt/geom/IllegalPathStateException.html)

## Interface Hierarchy

* java.awt.geom.[**PathIterator**](http://docs.google.com/java/awt/geom/PathIterator.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**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**](http://docs.google.com/java/awt/font/package-tree.html)   [**NEXT**](http://docs.google.com/java/awt/im/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/geom/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.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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