| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/geom/Line2D.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-useLine2D.html)    [**NO FRAMES**](http://docs.google.com/Line2D.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.geom.Line2D**

| Packages that use [Line2D](http://docs.google.com/java/awt/geom/Line2D.html) | |
| --- | --- |
| [**java.awt.geom**](#3znysh7) | Provides the Java 2D classes for defining and performing operations on objects related to two-dimensional geometry. |

| Uses of [Line2D](http://docs.google.com/java/awt/geom/Line2D.html) in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html) | |
| --- | --- |

| Subclasses of [Line2D](http://docs.google.com/java/awt/geom/Line2D.html) in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html) | |
| --- | --- |
| static class | [**Line2D.Double**](http://docs.google.com/java/awt/geom/Line2D.Double.html)            A line segment specified with double coordinates. |
| static class | [**Line2D.Float**](http://docs.google.com/java/awt/geom/Line2D.Float.html)            A line segment specified with float coordinates. |

| Methods in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html) with parameters of type [Line2D](http://docs.google.com/java/awt/geom/Line2D.html) | |
| --- | --- |
| boolean | **Rectangle2D.**[**intersectsLine**](http://docs.google.com/java/awt/geom/Rectangle2D.html#intersectsLine(java.awt.geom.Line2D))([Line2D](http://docs.google.com/java/awt/geom/Line2D.html) l)            Tests if the specified line segment intersects the interior of this Rectangle2D. |
| boolean | **Line2D.**[**intersectsLine**](http://docs.google.com/java/awt/geom/Line2D.html#intersectsLine(java.awt.geom.Line2D))([Line2D](http://docs.google.com/java/awt/geom/Line2D.html) l)            Tests if the specified line segment intersects this line segment. |
| void | **Line2D.**[**setLine**](http://docs.google.com/java/awt/geom/Line2D.html#setLine(java.awt.geom.Line2D))([Line2D](http://docs.google.com/java/awt/geom/Line2D.html) l)            Sets the location of the end points of this Line2D to the same as those end points of the specified Line2D. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/geom/Line2D.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-useLine2D.html)    [**NO FRAMES**](http://docs.google.com/Line2D.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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