| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Graphics2D.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-useGraphics2D.html)    [**NO FRAMES**](http://docs.google.com/Graphics2D.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.Graphics2D**

| Packages that use [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.font**](#2et92p0) | Provides classes and interface relating to fonts. |
| [**java.awt.image**](#tyjcwt) | Provides classes for creating and modifying images. |

| Uses of [Graphics2D](http://docs.google.com/java/awt/Graphics2D.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 [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) | |
| --- | --- |
| [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) | **SplashScreen.**[**createGraphics**](http://docs.google.com/java/awt/SplashScreen.html#createGraphics())()            Creates a graphics context (as a [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) object) for the splash screen overlay image, which allows you to draw over the splash screen. |
| abstract  [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) | **GraphicsEnvironment.**[**createGraphics**](http://docs.google.com/java/awt/GraphicsEnvironment.html#createGraphics(java.awt.image.BufferedImage))([BufferedImage](http://docs.google.com/java/awt/image/BufferedImage.html) img)            Returns a Graphics2D object for rendering into the specified [BufferedImage](http://docs.google.com/java/awt/image/BufferedImage.html). |

| Uses of [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) | |
| --- | --- |

| Methods in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) with parameters of type [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) | |
| --- | --- |
| void | **ShapeGraphicAttribute.**[**draw**](http://docs.google.com/java/awt/font/ShapeGraphicAttribute.html#draw(java.awt.Graphics2D,%20float,%20float))([Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) graphics, float x, float y)            Renders this GraphicAttribute at the specified location. |
| void | **TextLayout.**[**draw**](http://docs.google.com/java/awt/font/TextLayout.html#draw(java.awt.Graphics2D,%20float,%20float))([Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) g2, float x, float y)            Renders this TextLayout at the specified location in the specified [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) context. |
| void | **ImageGraphicAttribute.**[**draw**](http://docs.google.com/java/awt/font/ImageGraphicAttribute.html#draw(java.awt.Graphics2D,%20float,%20float))([Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) graphics, float x, float y)            Renders this GraphicAttribute at the specified location. |
| abstract  void | **GraphicAttribute.**[**draw**](http://docs.google.com/java/awt/font/GraphicAttribute.html#draw(java.awt.Graphics2D,%20float,%20float))([Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) graphics, float x, float y)            Renders this GraphicAttribute at the specified location. |

| Uses of [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
| --- | --- |

| Methods in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) that return [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) | |
| --- | --- |
| [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) | **BufferedImage.**[**createGraphics**](http://docs.google.com/java/awt/image/BufferedImage.html#createGraphics())()            Creates a Graphics2D, which can be used to draw into this BufferedImage. |
| abstract  [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) | **VolatileImage.**[**createGraphics**](http://docs.google.com/java/awt/image/VolatileImage.html#createGraphics())()            Creates a Graphics2D, which can be used to draw into this VolatileImage. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Graphics2D.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-useGraphics2D.html)    [**NO FRAMES**](http://docs.google.com/Graphics2D.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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).