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

**Uses of Package**

**java.awt.font**

| Packages that use [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.event**](#2et92p0) | Provides interfaces and classes for dealing with different types of events fired by AWT components. |
| [**java.awt.font**](#tyjcwt) | Provides classes and interface relating to fonts. |
| [**java.awt.im**](#3dy6vkm) | Provides classes and interfaces for the input method framework. |
| [**java.awt.im.spi**](#1t3h5sf) | Provides interfaces that enable the development of input methods that can be used with any Java runtime environment. |

| Classes in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) used by [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |
| [**FontRenderContext**](http://docs.google.com/java/awt/font/class-use/FontRenderContext.html#java.awt)            The FontRenderContext class is a container for the information needed to correctly measure text. |
| [**GlyphVector**](http://docs.google.com/java/awt/font/class-use/GlyphVector.html#java.awt)            A GlyphVector object is a collection of glyphs containing geometric information for the placement of each glyph in a transformed coordinate space which corresponds to the device on which the GlyphVector is ultimately displayed. |
| [**LineMetrics**](http://docs.google.com/java/awt/font/class-use/LineMetrics.html#java.awt)            The LineMetrics class allows access to the metrics needed to layout characters along a line and to layout of a set of lines. |
| [**TextAttribute**](http://docs.google.com/java/awt/font/class-use/TextAttribute.html#java.awt)            The TextAttribute class defines attribute keys and attribute values used for text rendering. |

| Classes in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) used by [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) | |
| --- | --- |
| [**TextHitInfo**](http://docs.google.com/java/awt/font/class-use/TextHitInfo.html#java.awt.event)            The TextHitInfo class represents a character position in a text model, and a **bias**, or "side," of the character. |

| Classes in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) used by [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) | |
| --- | --- |
| [**FontRenderContext**](http://docs.google.com/java/awt/font/class-use/FontRenderContext.html#java.awt.font)            The FontRenderContext class is a container for the information needed to correctly measure text. |
| [**GlyphJustificationInfo**](http://docs.google.com/java/awt/font/class-use/GlyphJustificationInfo.html#java.awt.font)            The GlyphJustificationInfo class represents information about the justification properties of a glyph. |
| [**GlyphMetrics**](http://docs.google.com/java/awt/font/class-use/GlyphMetrics.html#java.awt.font)            The GlyphMetrics class represents infomation for a single glyph. |
| [**GlyphVector**](http://docs.google.com/java/awt/font/class-use/GlyphVector.html#java.awt.font)            A GlyphVector object is a collection of glyphs containing geometric information for the placement of each glyph in a transformed coordinate space which corresponds to the device on which the GlyphVector is ultimately displayed. |
| [**GraphicAttribute**](http://docs.google.com/java/awt/font/class-use/GraphicAttribute.html#java.awt.font)            This class is used with the CHAR\_REPLACEMENT attribute. |
| [**ImageGraphicAttribute**](http://docs.google.com/java/awt/font/class-use/ImageGraphicAttribute.html#java.awt.font)            The ImageGraphicAttribute class is an implementation of [GraphicAttribute](http://docs.google.com/java/awt/font/GraphicAttribute.html) which draws images in a [TextLayout](http://docs.google.com/java/awt/font/TextLayout.html). |
| [**LayoutPath**](http://docs.google.com/java/awt/font/class-use/LayoutPath.html#java.awt.font)            LayoutPath provides a mapping between locations relative to the baseline and points in user space. |
| [**NumericShaper**](http://docs.google.com/java/awt/font/class-use/NumericShaper.html#java.awt.font)            The NumericShaper class is used to convert Latin-1 (European) digits to other Unicode decimal digits. |
| [**ShapeGraphicAttribute**](http://docs.google.com/java/awt/font/class-use/ShapeGraphicAttribute.html#java.awt.font)            The ShapeGraphicAttribute class is an implementation of [GraphicAttribute](http://docs.google.com/java/awt/font/GraphicAttribute.html) that draws shapes in a [TextLayout](http://docs.google.com/java/awt/font/TextLayout.html). |
| [**TextAttribute**](http://docs.google.com/java/awt/font/class-use/TextAttribute.html#java.awt.font)            The TextAttribute class defines attribute keys and attribute values used for text rendering. |
| [**TextHitInfo**](http://docs.google.com/java/awt/font/class-use/TextHitInfo.html#java.awt.font)            The TextHitInfo class represents a character position in a text model, and a **bias**, or "side," of the character. |
| [**TextLayout**](http://docs.google.com/java/awt/font/class-use/TextLayout.html#java.awt.font)            TextLayout is an immutable graphical representation of styled character data. |
| [**TextLayout.CaretPolicy**](http://docs.google.com/java/awt/font/class-use/TextLayout.CaretPolicy.html#java.awt.font)            Defines a policy for determining the strong caret location. |
| [**TransformAttribute**](http://docs.google.com/java/awt/font/class-use/TransformAttribute.html#java.awt.font)            The TransformAttribute class provides an immutable wrapper for a transform so that it is safe to use as an attribute. |

| Classes in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) used by [java.awt.im](http://docs.google.com/java/awt/im/package-summary.html) | |
| --- | --- |
| [**TextAttribute**](http://docs.google.com/java/awt/font/class-use/TextAttribute.html#java.awt.im)            The TextAttribute class defines attribute keys and attribute values used for text rendering. |
| [**TextHitInfo**](http://docs.google.com/java/awt/font/class-use/TextHitInfo.html#java.awt.im)            The TextHitInfo class represents a character position in a text model, and a **bias**, or "side," of the character. |

| Classes in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) used by [java.awt.im.spi](http://docs.google.com/java/awt/im/spi/package-summary.html) | |
| --- | --- |
| [**TextHitInfo**](http://docs.google.com/java/awt/font/class-use/TextHitInfo.html#java.awt.im.spi)            The TextHitInfo class represents a character position in a text model, and a **bias**, or "side," of the character. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/font/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.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).