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

## Package java.awt.font

Provides classes and interface relating to fonts.

**See:**

[**Description**](#3znysh7)

| **Interface Summary** | |
| --- | --- |
| [**MultipleMaster**](http://docs.google.com/java/awt/font/MultipleMaster.html) | The MultipleMaster interface represents Type 1 Multiple Master fonts. |
| [**OpenType**](http://docs.google.com/java/awt/font/OpenType.html) | The OpenType interface represents OpenType and TrueType fonts. |

| **Class Summary** | |
| --- | --- |
| [**FontRenderContext**](http://docs.google.com/java/awt/font/FontRenderContext.html) | The FontRenderContext class is a container for the information needed to correctly measure text. |
| [**GlyphJustificationInfo**](http://docs.google.com/java/awt/font/GlyphJustificationInfo.html) | The GlyphJustificationInfo class represents information about the justification properties of a glyph. |
| [**GlyphMetrics**](http://docs.google.com/java/awt/font/GlyphMetrics.html) | The GlyphMetrics class represents infomation for a single glyph. |
| [**GlyphVector**](http://docs.google.com/java/awt/font/GlyphVector.html) | 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/GraphicAttribute.html) | This class is used with the CHAR\_REPLACEMENT attribute. |
| [**ImageGraphicAttribute**](http://docs.google.com/java/awt/font/ImageGraphicAttribute.html) | 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/LayoutPath.html) | LayoutPath provides a mapping between locations relative to the baseline and points in user space. |
| [**LineBreakMeasurer**](http://docs.google.com/java/awt/font/LineBreakMeasurer.html) | The LineBreakMeasurer class allows styled text to be broken into lines (or segments) that fit within a particular visual advance. |
| [**LineMetrics**](http://docs.google.com/java/awt/font/LineMetrics.html) | The LineMetrics class allows access to the metrics needed to layout characters along a line and to layout of a set of lines. |
| [**NumericShaper**](http://docs.google.com/java/awt/font/NumericShaper.html) | The NumericShaper class is used to convert Latin-1 (European) digits to other Unicode decimal digits. |
| [**ShapeGraphicAttribute**](http://docs.google.com/java/awt/font/ShapeGraphicAttribute.html) | 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/TextAttribute.html) | The TextAttribute class defines attribute keys and attribute values used for text rendering. |
| [**TextHitInfo**](http://docs.google.com/java/awt/font/TextHitInfo.html) | 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/TextLayout.html) | TextLayout is an immutable graphical representation of styled character data. |
| [**TextLayout.CaretPolicy**](http://docs.google.com/java/awt/font/TextLayout.CaretPolicy.html) | Defines a policy for determining the strong caret location. |
| [**TextMeasurer**](http://docs.google.com/java/awt/font/TextMeasurer.html) | The TextMeasurer class provides the primitive operations needed for line break: measuring up to a given advance, determining the advance of a range of characters, and generating a TextLayout for a range of characters. |
| [**TransformAttribute**](http://docs.google.com/java/awt/font/TransformAttribute.html) | The TransformAttribute class provides an immutable wrapper for a transform so that it is safe to use as an attribute. |

## Package java.awt.font Description

Provides classes and interface relating to fonts. It contains support for representing Type 1, Type 1 Multiple Master fonts, OpenType fonts, and TrueType fonts.

**Since:** 1.2

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.html) | [**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*** |
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[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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