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

**Uses of Class**

**java.awt.font.FontRenderContext**

| Packages that use [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | |
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| [**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. |

| Uses of [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
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| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | |
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| abstract  [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | **Graphics2D.**[**getFontRenderContext**](http://docs.google.com/java/awt/Graphics2D.html#getFontRenderContext())()            Get the rendering context of the Font within this Graphics2D context. |
| [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | **FontMetrics.**[**getFontRenderContext**](http://docs.google.com/java/awt/FontMetrics.html#getFontRenderContext())()            Gets the FontRenderContext used by this FontMetrics object to measure text. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | |
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| [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) | **Font.**[**createGlyphVector**](http://docs.google.com/java/awt/Font.html#createGlyphVector(java.awt.font.FontRenderContext,%20char%5B%5D))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc, char[] chars)            Creates a [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) by mapping characters to glyphs one-to-one based on the Unicode cmap in this Font. |
| [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) | **Font.**[**createGlyphVector**](http://docs.google.com/java/awt/Font.html#createGlyphVector(java.awt.font.FontRenderContext,%20java.text.CharacterIterator))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc, [CharacterIterator](http://docs.google.com/java/text/CharacterIterator.html) ci)            Creates a [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) by mapping the specified characters to glyphs one-to-one based on the Unicode cmap in this Font. |
| [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) | **Font.**[**createGlyphVector**](http://docs.google.com/java/awt/Font.html#createGlyphVector(java.awt.font.FontRenderContext,%20int%5B%5D))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc, int[] glyphCodes)            Creates a [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) by mapping characters to glyphs one-to-one based on the Unicode cmap in this Font. |
| [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) | **Font.**[**createGlyphVector**](http://docs.google.com/java/awt/Font.html#createGlyphVector(java.awt.font.FontRenderContext,%20java.lang.String))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc, [String](http://docs.google.com/java/lang/String.html) str)            Creates a [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) by mapping characters to glyphs one-to-one based on the Unicode cmap in this Font. |
| [LineMetrics](http://docs.google.com/java/awt/font/LineMetrics.html) | **Font.**[**getLineMetrics**](http://docs.google.com/java/awt/Font.html#getLineMetrics(char%5B%5D,%20int,%20int,%20java.awt.font.FontRenderContext))(char[] chars, int beginIndex, int limit, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns a LineMetrics object created with the specified arguments. |
| [LineMetrics](http://docs.google.com/java/awt/font/LineMetrics.html) | **Font.**[**getLineMetrics**](http://docs.google.com/java/awt/Font.html#getLineMetrics(java.text.CharacterIterator,%20int,%20int,%20java.awt.font.FontRenderContext))([CharacterIterator](http://docs.google.com/java/text/CharacterIterator.html) ci, int beginIndex, int limit, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns a LineMetrics object created with the specified arguments. |
| [LineMetrics](http://docs.google.com/java/awt/font/LineMetrics.html) | **Font.**[**getLineMetrics**](http://docs.google.com/java/awt/Font.html#getLineMetrics(java.lang.String,%20java.awt.font.FontRenderContext))([String](http://docs.google.com/java/lang/String.html) str, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns a [LineMetrics](http://docs.google.com/java/awt/font/LineMetrics.html) object created with the specified String and [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html). |
| [LineMetrics](http://docs.google.com/java/awt/font/LineMetrics.html) | **Font.**[**getLineMetrics**](http://docs.google.com/java/awt/Font.html#getLineMetrics(java.lang.String,%20int,%20int,%20java.awt.font.FontRenderContext))([String](http://docs.google.com/java/lang/String.html) str, int beginIndex, int limit, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns a LineMetrics object created with the specified arguments. |
| [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) | **Font.**[**getMaxCharBounds**](http://docs.google.com/java/awt/Font.html#getMaxCharBounds(java.awt.font.FontRenderContext))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns the bounds for the character with the maximum bounds as defined in the specified FontRenderContext. |
| [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) | **Font.**[**getStringBounds**](http://docs.google.com/java/awt/Font.html#getStringBounds(char%5B%5D,%20int,%20int,%20java.awt.font.FontRenderContext))(char[] chars, int beginIndex, int limit, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns the logical bounds of the specified array of characters in the specified FontRenderContext. |
| [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) | **Font.**[**getStringBounds**](http://docs.google.com/java/awt/Font.html#getStringBounds(java.text.CharacterIterator,%20int,%20int,%20java.awt.font.FontRenderContext))([CharacterIterator](http://docs.google.com/java/text/CharacterIterator.html) ci, int beginIndex, int limit, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns the logical bounds of the characters indexed in the specified [CharacterIterator](http://docs.google.com/java/text/CharacterIterator.html) in the specified FontRenderContext. |
| [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) | **Font.**[**getStringBounds**](http://docs.google.com/java/awt/Font.html#getStringBounds(java.lang.String,%20java.awt.font.FontRenderContext))([String](http://docs.google.com/java/lang/String.html) str, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns the logical bounds of the specified String in the specified FontRenderContext. |
| [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) | **Font.**[**getStringBounds**](http://docs.google.com/java/awt/Font.html#getStringBounds(java.lang.String,%20int,%20int,%20java.awt.font.FontRenderContext))([String](http://docs.google.com/java/lang/String.html) str, int beginIndex, int limit, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Returns the logical bounds of the specified String in the specified FontRenderContext. |
| [GlyphVector](http://docs.google.com/java/awt/font/GlyphVector.html) | **Font.**[**layoutGlyphVector**](http://docs.google.com/java/awt/Font.html#layoutGlyphVector(java.awt.font.FontRenderContext,%20char%5B%5D,%20int,%20int,%20int))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc, char[] text, int start, int limit, int flags)            Returns a new GlyphVector object, performing full layout of the text if possible. |

| Uses of [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) | |
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| Methods in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) that return [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | |
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| abstract  [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | **GlyphVector.**[**getFontRenderContext**](http://docs.google.com/java/awt/font/GlyphVector.html#getFontRenderContext())()            Returns the [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) associated with this GlyphVector. |

| Methods in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) with parameters of type [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | |
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| boolean | **FontRenderContext.**[**equals**](http://docs.google.com/java/awt/font/FontRenderContext.html#equals(java.awt.font.FontRenderContext))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) rhs)            Return true if rhs has the same transform, antialiasing, and fractional metrics values as this. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **GlyphVector.**[**getGlyphPixelBounds**](http://docs.google.com/java/awt/font/GlyphVector.html#getGlyphPixelBounds(int,%20java.awt.font.FontRenderContext,%20float,%20float))(int index, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) renderFRC, float x, float y)            Returns the pixel bounds of the glyph at index when this GlyphVector is rendered in a Graphics with the given FontRenderContext at the given location. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **TextLayout.**[**getPixelBounds**](http://docs.google.com/java/awt/font/TextLayout.html#getPixelBounds(java.awt.font.FontRenderContext,%20float,%20float))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc, float x, float y)            Returns the pixel bounds of this TextLayout when rendered in a graphics with the given FontRenderContext at the given location. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **GlyphVector.**[**getPixelBounds**](http://docs.google.com/java/awt/font/GlyphVector.html#getPixelBounds(java.awt.font.FontRenderContext,%20float,%20float))([FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) renderFRC, float x, float y)            Returns the pixel bounds of this GlyphVector when rendered in a graphics with the given FontRenderContext at the given location. |

| Constructors in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) with parameters of type [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) | |
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| [**LineBreakMeasurer**](http://docs.google.com/java/awt/font/LineBreakMeasurer.html#LineBreakMeasurer(java.text.AttributedCharacterIterator,%20java.text.BreakIterator,%20java.awt.font.FontRenderContext))([AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html) text, [BreakIterator](http://docs.google.com/java/text/BreakIterator.html) breakIter, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Constructs a LineBreakMeasurer for the specified text. |
| [**LineBreakMeasurer**](http://docs.google.com/java/awt/font/LineBreakMeasurer.html#LineBreakMeasurer(java.text.AttributedCharacterIterator,%20java.awt.font.FontRenderContext))([AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html) text, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Constructs a LineBreakMeasurer for the specified text. |
| [**TextLayout**](http://docs.google.com/java/awt/font/TextLayout.html#TextLayout(java.text.AttributedCharacterIterator,%20java.awt.font.FontRenderContext))([AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html) text, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Constructs a TextLayout from an iterator over styled text. |
| [**TextLayout**](http://docs.google.com/java/awt/font/TextLayout.html#TextLayout(java.lang.String,%20java.awt.Font,%20java.awt.font.FontRenderContext))([String](http://docs.google.com/java/lang/String.html) string, [Font](http://docs.google.com/java/awt/Font.html) font, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Constructs a TextLayout from a String and a [Font](http://docs.google.com/java/awt/Font.html). |
| [**TextLayout**](http://docs.google.com/java/awt/font/TextLayout.html#TextLayout(java.lang.String,%20java.util.Map,%20java.awt.font.FontRenderContext))([String](http://docs.google.com/java/lang/String.html) string, [Map](http://docs.google.com/java/util/Map.html)<? extends [AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html),?> attributes, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Constructs a TextLayout from a String and an attribute set. |
| [**TextMeasurer**](http://docs.google.com/java/awt/font/TextMeasurer.html#TextMeasurer(java.text.AttributedCharacterIterator,%20java.awt.font.FontRenderContext))([AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html) text, [FontRenderContext](http://docs.google.com/java/awt/font/FontRenderContext.html) frc)            Constructs a TextMeasurer from the source text. |

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