| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/FontMetrics.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*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt//class-useFontMetrics.html)    [**NO FRAMES**](http://docs.google.com/FontMetrics.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.FontMetrics**

| Packages that use [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**javax.accessibility**](#2et92p0) | Defines a contract between user-interface components and an assistive technology that provides access to those components. |
| [**javax.swing**](#tyjcwt) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf.basic**](#3dy6vkm) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.synth**](#1t3h5sf) | Synth is a skinnable look and feel in which all painting is delegated. |
| [**javax.swing.table**](#4d34og8) | Provides classes and interfaces for dealing with javax.swing.JTable. |
| [**javax.swing.text**](#2s8eyo1) | Provides classes and interfaces that deal with editable and noneditable text components. |

| Uses of [FontMetrics](http://docs.google.com/java/awt/FontMetrics.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 [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **Graphics.**[**getFontMetrics**](http://docs.google.com/java/awt/Graphics.html#getFontMetrics())()            Gets the font metrics of the current font. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **MenuComponent.AccessibleAWTMenuComponent.**[**getFontMetrics**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Gets the FontMetrics of this object. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **List.AccessibleAWTList.AccessibleAWTListChild.**[**getFontMetrics**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Get the FontMetrics of this object. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **Component.**[**getFontMetrics**](http://docs.google.com/java/awt/Component.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) font)            Gets the font metrics for the specified font. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **Component.AccessibleAWTComponent.**[**getFontMetrics**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Gets the FontMetrics of this object. |
| abstract  [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **Toolkit.**[**getFontMetrics**](http://docs.google.com/java/awt/Toolkit.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) font)  **Deprecated.** *As of JDK version 1.2, replaced by the Font method getLineMetrics.* |
| abstract  [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **Graphics.**[**getFontMetrics**](http://docs.google.com/java/awt/Graphics.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Gets the font metrics for the specified font. |

| Uses of [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) | |
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| Methods in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) that return [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **AccessibleComponent.**[**getFontMetrics**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Gets the FontMetrics of this object. |

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

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **DebugGraphics.**[**getFontMetrics**](http://docs.google.com/javax/swing/DebugGraphics.html#getFontMetrics())()            Overrides Graphics.getFontMetrics. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**getFontMetrics**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f) |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **JTable.AccessibleJTable.AccessibleJTableCell.**[**getFontMetrics**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Gets the FontMetrics of this object. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **JList.AccessibleJList.AccessibleJListChild.**[**getFontMetrics**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f) |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **JComponent.**[**getFontMetrics**](http://docs.google.com/javax/swing/JComponent.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) font)            Gets the FontMetrics for the specified Font. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **DebugGraphics.**[**getFontMetrics**](http://docs.google.com/javax/swing/DebugGraphics.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Overrides Graphics.getFontMetrics. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| static int | **SwingUtilities.**[**computeStringWidth**](http://docs.google.com/javax/swing/SwingUtilities.html#computeStringWidth(java.awt.FontMetrics,%20java.lang.String))([FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) fm, [String](http://docs.google.com/java/lang/String.html) str)            Compute the width of the string using a font with the specified "metrics" (sizes). |
| static [String](http://docs.google.com/java/lang/String.html) | **SwingUtilities.**[**layoutCompoundLabel**](http://docs.google.com/javax/swing/SwingUtilities.html#layoutCompoundLabel(java.awt.FontMetrics,%20java.lang.String,%20javax.swing.Icon,%20int,%20int,%20int,%20int,%20java.awt.Rectangle,%20java.awt.Rectangle,%20java.awt.Rectangle,%20int))([FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) fm, [String](http://docs.google.com/java/lang/String.html) text, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, int verticalAlignment, int horizontalAlignment, int verticalTextPosition, int horizontalTextPosition, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) viewR, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) iconR, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) textR, int textIconGap)            Compute and return the location of the icons origin, the location of origin of the text baseline, and a possibly clipped version of the compound labels string. |
| static [String](http://docs.google.com/java/lang/String.html) | **SwingUtilities.**[**layoutCompoundLabel**](http://docs.google.com/javax/swing/SwingUtilities.html#layoutCompoundLabel(javax.swing.JComponent,%20java.awt.FontMetrics,%20java.lang.String,%20javax.swing.Icon,%20int,%20int,%20int,%20int,%20java.awt.Rectangle,%20java.awt.Rectangle,%20java.awt.Rectangle,%20int))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) fm, [String](http://docs.google.com/java/lang/String.html) text, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, int verticalAlignment, int horizontalAlignment, int verticalTextPosition, int horizontalTextPosition, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) viewR, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) iconR, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) textR, int textIconGap)            Compute and return the location of the icons origin, the location of origin of the text baseline, and a possibly clipped version of the compound labels string. |

| Uses of [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| protected  [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **BasicTabbedPaneUI.**[**getFontMetrics**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#getFontMetrics())() |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| protected  int | **BasicTabbedPaneUI.**[**calculateTabWidth**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#calculateTabWidth(int,%20int,%20java.awt.FontMetrics))(int tabPlacement, int tabIndex, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) metrics) |
| protected  [String](http://docs.google.com/java/lang/String.html) | **BasicInternalFrameTitlePane.**[**getTitle**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#getTitle(java.lang.String,%20java.awt.FontMetrics,%20int))([String](http://docs.google.com/java/lang/String.html) text, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) fm, int availTextWidth) |
| protected  [String](http://docs.google.com/java/lang/String.html) | **BasicLabelUI.**[**layoutCL**](http://docs.google.com/javax/swing/plaf/basic/BasicLabelUI.html#layoutCL(javax.swing.JLabel,%20java.awt.FontMetrics,%20java.lang.String,%20javax.swing.Icon,%20java.awt.Rectangle,%20java.awt.Rectangle,%20java.awt.Rectangle))([JLabel](http://docs.google.com/javax/swing/JLabel.html) label, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) fontMetrics, [String](http://docs.google.com/java/lang/String.html) text, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) viewR, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) iconR, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) textR)            Forwards the call to SwingUtilities.layoutCompoundLabel(). |
| protected  void | **BasicTabbedPaneUI.**[**layoutLabel**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#layoutLabel(int,%20java.awt.FontMetrics,%20int,%20java.lang.String,%20javax.swing.Icon,%20java.awt.Rectangle,%20java.awt.Rectangle,%20java.awt.Rectangle,%20boolean))(int tabPlacement, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) metrics, int tabIndex, [String](http://docs.google.com/java/lang/String.html) title, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) tabRect, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) iconRect, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) textRect, boolean isSelected) |
| protected  void | **BasicTabbedPaneUI.**[**paintText**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#paintText(java.awt.Graphics,%20int,%20java.awt.Font,%20java.awt.FontMetrics,%20int,%20java.lang.String,%20java.awt.Rectangle,%20boolean))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int tabPlacement, [Font](http://docs.google.com/java/awt/Font.html) font, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) metrics, int tabIndex, [String](http://docs.google.com/java/lang/String.html) title, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) textRect, boolean isSelected) |

| Uses of [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) | |
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| Methods in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) with parameters of type [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| int | **SynthGraphicsUtils.**[**computeStringWidth**](http://docs.google.com/javax/swing/plaf/synth/SynthGraphicsUtils.html#computeStringWidth(javax.swing.plaf.synth.SynthContext,%20java.awt.Font,%20java.awt.FontMetrics,%20java.lang.String))([SynthContext](http://docs.google.com/javax/swing/plaf/synth/SynthContext.html) ss, [Font](http://docs.google.com/java/awt/Font.html) font, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) metrics, [String](http://docs.google.com/java/lang/String.html) text)            Returns the size of the passed in string. |
| [String](http://docs.google.com/java/lang/String.html) | **SynthGraphicsUtils.**[**layoutText**](http://docs.google.com/javax/swing/plaf/synth/SynthGraphicsUtils.html#layoutText(javax.swing.plaf.synth.SynthContext,%20java.awt.FontMetrics,%20java.lang.String,%20javax.swing.Icon,%20int,%20int,%20int,%20int,%20java.awt.Rectangle,%20java.awt.Rectangle,%20java.awt.Rectangle,%20int))([SynthContext](http://docs.google.com/javax/swing/plaf/synth/SynthContext.html) ss, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) fm, [String](http://docs.google.com/java/lang/String.html) text, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, int hAlign, int vAlign, int hTextPosition, int vTextPosition, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) viewR, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) iconR, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) textR, int iconTextGap)            Lays out text and an icon returning, by reference, the location to place the icon and text. |

| Uses of [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) | |
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| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) that return [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.**[**getFontMetrics**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f) |

| Uses of [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
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| Fields in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) declared as [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| protected  [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **PlainView.**[**metrics**](http://docs.google.com/javax/swing/text/PlainView.html#metrics)            Font metrics for the current font. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| protected  [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **FieldView.**[**getFontMetrics**](http://docs.google.com/javax/swing/text/FieldView.html#getFontMetrics())()            Fetches the font metrics associated with the component hosting this view. |
| protected  [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **LabelView.**[**getFontMetrics**](http://docs.google.com/javax/swing/text/LabelView.html#getFontMetrics())()  **Deprecated.** *FontMetrics are not used for glyph rendering when running in the JDK.* |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | **StyleContext.**[**getFontMetrics**](http://docs.google.com/javax/swing/text/StyleContext.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Returns font metrics for a font. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | |
| --- | --- |
| static int | **Utilities.**[**getBreakLocation**](http://docs.google.com/javax/swing/text/Utilities.html#getBreakLocation(javax.swing.text.Segment,%20java.awt.FontMetrics,%20int,%20int,%20javax.swing.text.TabExpander,%20int))([Segment](http://docs.google.com/javax/swing/text/Segment.html) s, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) metrics, int x0, int x, [TabExpander](http://docs.google.com/javax/swing/text/TabExpander.html) e, int startOffset)            Determine where to break the given text to fit within the given span. |
| static int | **Utilities.**[**getTabbedTextOffset**](http://docs.google.com/javax/swing/text/Utilities.html#getTabbedTextOffset(javax.swing.text.Segment,%20java.awt.FontMetrics,%20int,%20int,%20javax.swing.text.TabExpander,%20int))([Segment](http://docs.google.com/javax/swing/text/Segment.html) s, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) metrics, int x0, int x, [TabExpander](http://docs.google.com/javax/swing/text/TabExpander.html) e, int startOffset)            Determines the relative offset into the given text that best represents the given span in the view coordinate system. |
| static int | **Utilities.**[**getTabbedTextOffset**](http://docs.google.com/javax/swing/text/Utilities.html#getTabbedTextOffset(javax.swing.text.Segment,%20java.awt.FontMetrics,%20int,%20int,%20javax.swing.text.TabExpander,%20int,%20boolean))([Segment](http://docs.google.com/javax/swing/text/Segment.html) s, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) metrics, int x0, int x, [TabExpander](http://docs.google.com/javax/swing/text/TabExpander.html) e, int startOffset, boolean round) |
| static int | **Utilities.**[**getTabbedTextWidth**](http://docs.google.com/javax/swing/text/Utilities.html#getTabbedTextWidth(javax.swing.text.Segment,%20java.awt.FontMetrics,%20int,%20javax.swing.text.TabExpander,%20int))([Segment](http://docs.google.com/javax/swing/text/Segment.html) s, [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) metrics, int x, [TabExpander](http://docs.google.com/javax/swing/text/TabExpander.html) e, int startOffset)            Determines the width of the given segment of text taking tabs into consideration. |

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