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

**Uses of Class**

**java.awt.font.TextHitInfo**

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

| Uses of [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) | |
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| Methods in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) that return [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | |
| --- | --- |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **InputMethodEvent.**[**getCaret**](http://docs.google.com/java/awt/event/InputMethodEvent.html#getCaret())()            Gets the caret. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **InputMethodEvent.**[**getVisiblePosition**](http://docs.google.com/java/awt/event/InputMethodEvent.html#getVisiblePosition())()            Gets the position that's most important to be visible. |

| Constructors in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) with parameters of type [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | |
| --- | --- |
| [**InputMethodEvent**](http://docs.google.com/java/awt/event/InputMethodEvent.html#InputMethodEvent(java.awt.Component,%20int,%20java.text.AttributedCharacterIterator,%20int,%20java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo))([Component](http://docs.google.com/java/awt/Component.html) source, int id, [AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html) text, int committedCharacterCount, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) caret, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) visiblePosition)            Constructs an InputMethodEvent with the specified source component, type, text, caret, and visiblePosition. |
| [**InputMethodEvent**](http://docs.google.com/java/awt/event/InputMethodEvent.html#InputMethodEvent(java.awt.Component,%20int,%20long,%20java.text.AttributedCharacterIterator,%20int,%20java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo))([Component](http://docs.google.com/java/awt/Component.html) source, int id, long when, [AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html) text, int committedCharacterCount, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) caret, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) visiblePosition)            Constructs an InputMethodEvent with the specified source component, type, time, text, caret, and visiblePosition. |
| [**InputMethodEvent**](http://docs.google.com/java/awt/event/InputMethodEvent.html#InputMethodEvent(java.awt.Component,%20int,%20java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo))([Component](http://docs.google.com/java/awt/Component.html) source, int id, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) caret, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) visiblePosition)            Constructs an InputMethodEvent with the specified source component, type, caret, and visiblePosition. |

| Uses of [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.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 [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | |
| --- | --- |
| static [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextHitInfo.**[**afterOffset**](http://docs.google.com/java/awt/font/TextHitInfo.html#afterOffset(int))(int offset)            Creates a TextHitInfo at the specified offset, associated with the character after the offset. |
| static [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextHitInfo.**[**beforeOffset**](http://docs.google.com/java/awt/font/TextHitInfo.html#beforeOffset(int))(int offset)            Creates a TextHitInfo at the specified offset, associated with the character before the offset. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getNextLeftHit**](http://docs.google.com/java/awt/font/TextLayout.html#getNextLeftHit(int))(int offset)            Returns the hit for the next caret to the left (top); if no such hit, returns null. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getNextLeftHit**](http://docs.google.com/java/awt/font/TextLayout.html#getNextLeftHit(int,%20java.awt.font.TextLayout.CaretPolicy))(int offset, [TextLayout.CaretPolicy](http://docs.google.com/java/awt/font/TextLayout.CaretPolicy.html) policy)            Returns the hit for the next caret to the left (top); if no such hit, returns null. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getNextLeftHit**](http://docs.google.com/java/awt/font/TextLayout.html#getNextLeftHit(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit)            Returns the hit for the next caret to the left (top); if no such hit, returns null. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getNextRightHit**](http://docs.google.com/java/awt/font/TextLayout.html#getNextRightHit(int))(int offset)            Returns the hit for the next caret to the right (bottom); if no such hit, returns null. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getNextRightHit**](http://docs.google.com/java/awt/font/TextLayout.html#getNextRightHit(int,%20java.awt.font.TextLayout.CaretPolicy))(int offset, [TextLayout.CaretPolicy](http://docs.google.com/java/awt/font/TextLayout.CaretPolicy.html) policy)            Returns the hit for the next caret to the right (bottom); if no such hit, returns null. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getNextRightHit**](http://docs.google.com/java/awt/font/TextLayout.html#getNextRightHit(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit)            Returns the hit for the next caret to the right (bottom); if there is no such hit, returns null. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextHitInfo.**[**getOffsetHit**](http://docs.google.com/java/awt/font/TextHitInfo.html#getOffsetHit(int))(int delta)            Creates a TextHitInfo whose character index is offset by delta from the charIndex of this TextHitInfo. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextHitInfo.**[**getOtherHit**](http://docs.google.com/java/awt/font/TextHitInfo.html#getOtherHit())()            Creates a TextHitInfo on the other side of the insertion point. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.CaretPolicy.**[**getStrongCaret**](http://docs.google.com/java/awt/font/TextLayout.CaretPolicy.html#getStrongCaret(java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo,%20java.awt.font.TextLayout))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit1, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit2, [TextLayout](http://docs.google.com/java/awt/font/TextLayout.html) layout)            Chooses one of the specified TextHitInfo instances as a strong caret in the specified TextLayout. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getVisualOtherHit**](http://docs.google.com/java/awt/font/TextLayout.html#getVisualOtherHit(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit)            Returns the hit on the opposite side of the specified hit's caret. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**hitTestChar**](http://docs.google.com/java/awt/font/TextLayout.html#hitTestChar(float,%20float))(float x, float y)            Returns a TextHitInfo corresponding to the specified point. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**hitTestChar**](http://docs.google.com/java/awt/font/TextLayout.html#hitTestChar(float,%20float,%20java.awt.geom.Rectangle2D))(float x, float y, [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) bounds)            Returns a TextHitInfo corresponding to the specified point. |
| static [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextHitInfo.**[**leading**](http://docs.google.com/java/awt/font/TextHitInfo.html#leading(int))(int charIndex)            Creates a TextHitInfo on the leading edge of the character at the specified charIndex. |
| static [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextHitInfo.**[**trailing**](http://docs.google.com/java/awt/font/TextHitInfo.html#trailing(int))(int charIndex)            Creates a hit on the trailing edge of the character at the specified charIndex. |

| Methods in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) with parameters of type [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | |
| --- | --- |
| boolean | **TextHitInfo.**[**equals**](http://docs.google.com/java/awt/font/TextHitInfo.html#equals(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hitInfo)            Returns true if the specified TextHitInfo has the same charIndex and isLeadingEdge as this TextHitInfo. |
| float[] | **TextLayout.**[**getCaretInfo**](http://docs.google.com/java/awt/font/TextLayout.html#getCaretInfo(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit)            Returns information about the caret corresponding to hit. |
| float[] | **TextLayout.**[**getCaretInfo**](http://docs.google.com/java/awt/font/TextLayout.html#getCaretInfo(java.awt.font.TextHitInfo,%20java.awt.geom.Rectangle2D))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit, [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) bounds)            Returns information about the caret corresponding to hit. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **TextLayout.**[**getCaretShape**](http://docs.google.com/java/awt/font/TextLayout.html#getCaretShape(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit)            Returns a Shape representing the caret at the specified hit inside the natural bounds of this TextLayout. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **TextLayout.**[**getCaretShape**](http://docs.google.com/java/awt/font/TextLayout.html#getCaretShape(java.awt.font.TextHitInfo,%20java.awt.geom.Rectangle2D))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit, [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) bounds)            Returns a [Shape](http://docs.google.com/java/awt/Shape.html) representing the caret at the specified hit inside the specified bounds. |
| int[] | **TextLayout.**[**getLogicalRangesForVisualSelection**](http://docs.google.com/java/awt/font/TextLayout.html#getLogicalRangesForVisualSelection(java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) firstEndpoint, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) secondEndpoint)            Returns the logical ranges of text corresponding to a visual selection. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getNextLeftHit**](http://docs.google.com/java/awt/font/TextLayout.html#getNextLeftHit(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit)            Returns the hit for the next caret to the left (top); if no such hit, returns null. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getNextRightHit**](http://docs.google.com/java/awt/font/TextLayout.html#getNextRightHit(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit)            Returns the hit for the next caret to the right (bottom); if there is no such hit, returns null. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.CaretPolicy.**[**getStrongCaret**](http://docs.google.com/java/awt/font/TextLayout.CaretPolicy.html#getStrongCaret(java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo,%20java.awt.font.TextLayout))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit1, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit2, [TextLayout](http://docs.google.com/java/awt/font/TextLayout.html) layout)            Chooses one of the specified TextHitInfo instances as a strong caret in the specified TextLayout. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **TextLayout.**[**getVisualHighlightShape**](http://docs.google.com/java/awt/font/TextLayout.html#getVisualHighlightShape(java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) firstEndpoint, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) secondEndpoint)            Returns a Shape enclosing the visual selection in the specified range, extended to the bounds. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **TextLayout.**[**getVisualHighlightShape**](http://docs.google.com/java/awt/font/TextLayout.html#getVisualHighlightShape(java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo,%20java.awt.geom.Rectangle2D))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) firstEndpoint, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) secondEndpoint, [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) bounds)            Returns a path enclosing the visual selection in the specified range, extended to bounds. |
| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **TextLayout.**[**getVisualOtherHit**](http://docs.google.com/java/awt/font/TextLayout.html#getVisualOtherHit(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit)            Returns the hit on the opposite side of the specified hit's caret. |
| void | **TextLayout.**[**hitToPoint**](http://docs.google.com/java/awt/font/TextLayout.html#hitToPoint(java.awt.font.TextHitInfo,%20java.awt.geom.Point2D))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) hit, [Point2D](http://docs.google.com/java/awt/geom/Point2D.html) point)            Convert a hit to a point in standard coordinates. |

| Uses of [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) in [java.awt.im](http://docs.google.com/java/awt/im/package-summary.html) | |
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| Methods in [java.awt.im](http://docs.google.com/java/awt/im/package-summary.html) that return [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | |
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| [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | **InputMethodRequests.**[**getLocationOffset**](http://docs.google.com/java/awt/im/InputMethodRequests.html#getLocationOffset(int,%20int))(int x, int y)            Gets the offset within the composed text for the specified absolute x and y coordinates on the screen. |

| Methods in [java.awt.im](http://docs.google.com/java/awt/im/package-summary.html) with parameters of type [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | |
| --- | --- |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **InputMethodRequests.**[**getTextLocation**](http://docs.google.com/java/awt/im/InputMethodRequests.html#getTextLocation(java.awt.font.TextHitInfo))([TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) offset)            Gets the location of a specified offset in the current composed text, or of the selection in committed text. |

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

| Methods in [java.awt.im.spi](http://docs.google.com/java/awt/im/spi/package-summary.html) with parameters of type [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) | |
| --- | --- |
| void | **InputMethodContext.**[**dispatchInputMethodEvent**](http://docs.google.com/java/awt/im/spi/InputMethodContext.html#dispatchInputMethodEvent(int,%20java.text.AttributedCharacterIterator,%20int,%20java.awt.font.TextHitInfo,%20java.awt.font.TextHitInfo))(int id, [AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html) text, int committedCharacterCount, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) caret, [TextHitInfo](http://docs.google.com/java/awt/font/TextHitInfo.html) visiblePosition)            Creates an input method event from the arguments given and dispatches it to the client component. |

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