| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicTextUI.BasicCaret.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 CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.BasicHighlighter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicTextUI.BasicCaret.html)    [**NO FRAMES**](http://docs.google.com/BasicTextUI.BasicCaret.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#3dy6vkm) | [CONSTR](#2s8eyo1) | [METHOD](#3rdcrjn) | DETAIL: FIELD | [CONSTR](#2jxsxqh) | METHOD |

## **javax.swing.plaf.basic**

Class BasicTextUI.BasicCaret

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.awt.geom.RectangularShape](http://docs.google.com/java/awt/geom/RectangularShape.html)  
 [java.awt.geom.Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html)  
 [java.awt.Rectangle](http://docs.google.com/java/awt/Rectangle.html)  
 [javax.swing.text.DefaultCaret](http://docs.google.com/javax/swing/text/DefaultCaret.html)  
 **javax.swing.plaf.basic.BasicTextUI.BasicCaret**

**All Implemented Interfaces:** [FocusListener](http://docs.google.com/java/awt/event/FocusListener.html), [MouseListener](http://docs.google.com/java/awt/event/MouseListener.html), [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html), [Shape](http://docs.google.com/java/awt/Shape.html), [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html), [EventListener](http://docs.google.com/java/util/EventListener.html), [UIResource](http://docs.google.com/javax/swing/plaf/UIResource.html), [Caret](http://docs.google.com/javax/swing/text/Caret.html) **Enclosing class:**[BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html)

public static class **BasicTextUI.BasicCaret**extends [DefaultCaret](http://docs.google.com/javax/swing/text/DefaultCaret.html)implements [UIResource](http://docs.google.com/javax/swing/plaf/UIResource.html)

| **Nested Class Summary** | |
| --- | --- |

| **Nested classes/interfaces inherited from class java.awt.geom.**[**Rectangle2D**](http://docs.google.com/java/awt/geom/Rectangle2D.html) |
| --- |
| [Rectangle2D.Double](http://docs.google.com/java/awt/geom/Rectangle2D.Double.html), [Rectangle2D.Float](http://docs.google.com/java/awt/geom/Rectangle2D.Float.html) |

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.swing.text.**[**DefaultCaret**](http://docs.google.com/javax/swing/text/DefaultCaret.html) |
| --- |
| [ALWAYS\_UPDATE](http://docs.google.com/javax/swing/text/DefaultCaret.html#ALWAYS_UPDATE), [changeEvent](http://docs.google.com/javax/swing/text/DefaultCaret.html#changeEvent), [listenerList](http://docs.google.com/javax/swing/text/DefaultCaret.html#listenerList), [NEVER\_UPDATE](http://docs.google.com/javax/swing/text/DefaultCaret.html#NEVER_UPDATE), [UPDATE\_WHEN\_ON\_EDT](http://docs.google.com/javax/swing/text/DefaultCaret.html#UPDATE_WHEN_ON_EDT) |

| **Fields inherited from class java.awt.**[**Rectangle**](http://docs.google.com/java/awt/Rectangle.html) |
| --- |
| [height](http://docs.google.com/java/awt/Rectangle.html#height), [width](http://docs.google.com/java/awt/Rectangle.html#width), [x](http://docs.google.com/java/awt/Rectangle.html#x), [y](http://docs.google.com/java/awt/Rectangle.html#y) |

| **Fields inherited from class java.awt.geom.**[**Rectangle2D**](http://docs.google.com/java/awt/geom/Rectangle2D.html) |
| --- |
| [OUT\_BOTTOM](http://docs.google.com/java/awt/geom/Rectangle2D.html#OUT_BOTTOM), [OUT\_LEFT](http://docs.google.com/java/awt/geom/Rectangle2D.html#OUT_LEFT), [OUT\_RIGHT](http://docs.google.com/java/awt/geom/Rectangle2D.html#OUT_RIGHT), [OUT\_TOP](http://docs.google.com/java/awt/geom/Rectangle2D.html#OUT_TOP) |

| **Constructor Summary** | |
| --- | --- |
| [**BasicTextUI.BasicCaret**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.BasicCaret.html#BasicTextUI.BasicCaret())() |

| **Method Summary** | |
| --- | --- |

| **Methods inherited from class javax.swing.text.**[**DefaultCaret**](http://docs.google.com/javax/swing/text/DefaultCaret.html) |
| --- |
| [addChangeListener](http://docs.google.com/javax/swing/text/DefaultCaret.html#addChangeListener(javax.swing.event.ChangeListener)), [adjustVisibility](http://docs.google.com/javax/swing/text/DefaultCaret.html#adjustVisibility(java.awt.Rectangle)), [damage](http://docs.google.com/javax/swing/text/DefaultCaret.html#damage(java.awt.Rectangle)), [deinstall](http://docs.google.com/javax/swing/text/DefaultCaret.html#deinstall(javax.swing.text.JTextComponent)), [equals](http://docs.google.com/javax/swing/text/DefaultCaret.html#equals(java.lang.Object)), [fireStateChanged](http://docs.google.com/javax/swing/text/DefaultCaret.html#fireStateChanged()), [focusGained](http://docs.google.com/javax/swing/text/DefaultCaret.html#focusGained(java.awt.event.FocusEvent)), [focusLost](http://docs.google.com/javax/swing/text/DefaultCaret.html#focusLost(java.awt.event.FocusEvent)), [getBlinkRate](http://docs.google.com/javax/swing/text/DefaultCaret.html#getBlinkRate()), [getChangeListeners](http://docs.google.com/javax/swing/text/DefaultCaret.html#getChangeListeners()), [getComponent](http://docs.google.com/javax/swing/text/DefaultCaret.html#getComponent()), [getDot](http://docs.google.com/javax/swing/text/DefaultCaret.html#getDot()), [getDotBias](http://docs.google.com/javax/swing/text/DefaultCaret.html#getDotBias()), [getListeners](http://docs.google.com/javax/swing/text/DefaultCaret.html#getListeners(java.lang.Class)), [getMagicCaretPosition](http://docs.google.com/javax/swing/text/DefaultCaret.html#getMagicCaretPosition()), [getMark](http://docs.google.com/javax/swing/text/DefaultCaret.html#getMark()), [getMarkBias](http://docs.google.com/javax/swing/text/DefaultCaret.html#getMarkBias()), [getSelectionPainter](http://docs.google.com/javax/swing/text/DefaultCaret.html#getSelectionPainter()), [getUpdatePolicy](http://docs.google.com/javax/swing/text/DefaultCaret.html#getUpdatePolicy()), [install](http://docs.google.com/javax/swing/text/DefaultCaret.html#install(javax.swing.text.JTextComponent)), [isActive](http://docs.google.com/javax/swing/text/DefaultCaret.html#isActive()), [isSelectionVisible](http://docs.google.com/javax/swing/text/DefaultCaret.html#isSelectionVisible()), [isVisible](http://docs.google.com/javax/swing/text/DefaultCaret.html#isVisible()), [mouseClicked](http://docs.google.com/javax/swing/text/DefaultCaret.html#mouseClicked(java.awt.event.MouseEvent)), [mouseDragged](http://docs.google.com/javax/swing/text/DefaultCaret.html#mouseDragged(java.awt.event.MouseEvent)), [mouseEntered](http://docs.google.com/javax/swing/text/DefaultCaret.html#mouseEntered(java.awt.event.MouseEvent)), [mouseExited](http://docs.google.com/javax/swing/text/DefaultCaret.html#mouseExited(java.awt.event.MouseEvent)), [mouseMoved](http://docs.google.com/javax/swing/text/DefaultCaret.html#mouseMoved(java.awt.event.MouseEvent)), [mousePressed](http://docs.google.com/javax/swing/text/DefaultCaret.html#mousePressed(java.awt.event.MouseEvent)), [mouseReleased](http://docs.google.com/javax/swing/text/DefaultCaret.html#mouseReleased(java.awt.event.MouseEvent)), [moveCaret](http://docs.google.com/javax/swing/text/DefaultCaret.html#moveCaret(java.awt.event.MouseEvent)), [moveDot](http://docs.google.com/javax/swing/text/DefaultCaret.html#moveDot(int)), [moveDot](http://docs.google.com/javax/swing/text/DefaultCaret.html#moveDot(int,%20javax.swing.text.Position.Bias)), [paint](http://docs.google.com/javax/swing/text/DefaultCaret.html#paint(java.awt.Graphics)), [positionCaret](http://docs.google.com/javax/swing/text/DefaultCaret.html#positionCaret(java.awt.event.MouseEvent)), [removeChangeListener](http://docs.google.com/javax/swing/text/DefaultCaret.html#removeChangeListener(javax.swing.event.ChangeListener)), [repaint](http://docs.google.com/javax/swing/text/DefaultCaret.html#repaint()), [setBlinkRate](http://docs.google.com/javax/swing/text/DefaultCaret.html#setBlinkRate(int)), [setDot](http://docs.google.com/javax/swing/text/DefaultCaret.html#setDot(int)), [setDot](http://docs.google.com/javax/swing/text/DefaultCaret.html#setDot(int,%20javax.swing.text.Position.Bias)), [setMagicCaretPosition](http://docs.google.com/javax/swing/text/DefaultCaret.html#setMagicCaretPosition(java.awt.Point)), [setSelectionVisible](http://docs.google.com/javax/swing/text/DefaultCaret.html#setSelectionVisible(boolean)), [setUpdatePolicy](http://docs.google.com/javax/swing/text/DefaultCaret.html#setUpdatePolicy(int)), [setVisible](http://docs.google.com/javax/swing/text/DefaultCaret.html#setVisible(boolean)), [toString](http://docs.google.com/javax/swing/text/DefaultCaret.html#toString()) |

| **Methods inherited from class java.awt.**[**Rectangle**](http://docs.google.com/java/awt/Rectangle.html) |
| --- |
| [add](http://docs.google.com/java/awt/Rectangle.html#add(int,%20int)), [add](http://docs.google.com/java/awt/Rectangle.html#add(java.awt.Point)), [add](http://docs.google.com/java/awt/Rectangle.html#add(java.awt.Rectangle)), [contains](http://docs.google.com/java/awt/Rectangle.html#contains(int,%20int)), [contains](http://docs.google.com/java/awt/Rectangle.html#contains(int,%20int,%20int,%20int)), [contains](http://docs.google.com/java/awt/Rectangle.html#contains(java.awt.Point)), [contains](http://docs.google.com/java/awt/Rectangle.html#contains(java.awt.Rectangle)), [createIntersection](http://docs.google.com/java/awt/Rectangle.html#createIntersection(java.awt.geom.Rectangle2D)), [createUnion](http://docs.google.com/java/awt/Rectangle.html#createUnion(java.awt.geom.Rectangle2D)), [getBounds](http://docs.google.com/java/awt/Rectangle.html#getBounds()), [getBounds2D](http://docs.google.com/java/awt/Rectangle.html#getBounds2D()), [getHeight](http://docs.google.com/java/awt/Rectangle.html#getHeight()), [getLocation](http://docs.google.com/java/awt/Rectangle.html#getLocation()), [getSize](http://docs.google.com/java/awt/Rectangle.html#getSize()), [getWidth](http://docs.google.com/java/awt/Rectangle.html#getWidth()), [getX](http://docs.google.com/java/awt/Rectangle.html#getX()), [getY](http://docs.google.com/java/awt/Rectangle.html#getY()), [grow](http://docs.google.com/java/awt/Rectangle.html#grow(int,%20int)), [inside](http://docs.google.com/java/awt/Rectangle.html#inside(int,%20int)), [intersection](http://docs.google.com/java/awt/Rectangle.html#intersection(java.awt.Rectangle)), [intersects](http://docs.google.com/java/awt/Rectangle.html#intersects(java.awt.Rectangle)), [isEmpty](http://docs.google.com/java/awt/Rectangle.html#isEmpty()), [move](http://docs.google.com/java/awt/Rectangle.html#move(int,%20int)), [outcode](http://docs.google.com/java/awt/Rectangle.html#outcode(double,%20double)), [reshape](http://docs.google.com/java/awt/Rectangle.html#reshape(int,%20int,%20int,%20int)), [resize](http://docs.google.com/java/awt/Rectangle.html#resize(int,%20int)), [setBounds](http://docs.google.com/java/awt/Rectangle.html#setBounds(int,%20int,%20int,%20int)), [setBounds](http://docs.google.com/java/awt/Rectangle.html#setBounds(java.awt.Rectangle)), [setLocation](http://docs.google.com/java/awt/Rectangle.html#setLocation(int,%20int)), [setLocation](http://docs.google.com/java/awt/Rectangle.html#setLocation(java.awt.Point)), [setRect](http://docs.google.com/java/awt/Rectangle.html#setRect(double,%20double,%20double,%20double)), [setSize](http://docs.google.com/java/awt/Rectangle.html#setSize(java.awt.Dimension)), [setSize](http://docs.google.com/java/awt/Rectangle.html#setSize(int,%20int)), [translate](http://docs.google.com/java/awt/Rectangle.html#translate(int,%20int)), [union](http://docs.google.com/java/awt/Rectangle.html#union(java.awt.Rectangle)) |

| **Methods inherited from class java.awt.geom.**[**Rectangle2D**](http://docs.google.com/java/awt/geom/Rectangle2D.html) |
| --- |
| [add](http://docs.google.com/java/awt/geom/Rectangle2D.html#add(double,%20double)), [add](http://docs.google.com/java/awt/geom/Rectangle2D.html#add(java.awt.geom.Point2D)), [add](http://docs.google.com/java/awt/geom/Rectangle2D.html#add(java.awt.geom.Rectangle2D)), [contains](http://docs.google.com/java/awt/geom/Rectangle2D.html#contains(double,%20double)), [contains](http://docs.google.com/java/awt/geom/Rectangle2D.html#contains(double,%20double,%20double,%20double)), [getPathIterator](http://docs.google.com/java/awt/geom/Rectangle2D.html#getPathIterator(java.awt.geom.AffineTransform)), [getPathIterator](http://docs.google.com/java/awt/geom/Rectangle2D.html#getPathIterator(java.awt.geom.AffineTransform,%20double)), [hashCode](http://docs.google.com/java/awt/geom/Rectangle2D.html#hashCode()), [intersect](http://docs.google.com/java/awt/geom/Rectangle2D.html#intersect(java.awt.geom.Rectangle2D,%20java.awt.geom.Rectangle2D,%20java.awt.geom.Rectangle2D)), [intersects](http://docs.google.com/java/awt/geom/Rectangle2D.html#intersects(double,%20double,%20double,%20double)), [intersectsLine](http://docs.google.com/java/awt/geom/Rectangle2D.html#intersectsLine(double,%20double,%20double,%20double)), [intersectsLine](http://docs.google.com/java/awt/geom/Rectangle2D.html#intersectsLine(java.awt.geom.Line2D)), [outcode](http://docs.google.com/java/awt/geom/Rectangle2D.html#outcode(java.awt.geom.Point2D)), [setFrame](http://docs.google.com/java/awt/geom/Rectangle2D.html#setFrame(double,%20double,%20double,%20double)), [setRect](http://docs.google.com/java/awt/geom/Rectangle2D.html#setRect(java.awt.geom.Rectangle2D)), [union](http://docs.google.com/java/awt/geom/Rectangle2D.html#union(java.awt.geom.Rectangle2D,%20java.awt.geom.Rectangle2D,%20java.awt.geom.Rectangle2D)) |

| **Methods inherited from class java.awt.geom.**[**RectangularShape**](http://docs.google.com/java/awt/geom/RectangularShape.html) |
| --- |
| [clone](http://docs.google.com/java/awt/geom/RectangularShape.html#clone()), [contains](http://docs.google.com/java/awt/geom/RectangularShape.html#contains(java.awt.geom.Point2D)), [contains](http://docs.google.com/java/awt/geom/RectangularShape.html#contains(java.awt.geom.Rectangle2D)), [getCenterX](http://docs.google.com/java/awt/geom/RectangularShape.html#getCenterX()), [getCenterY](http://docs.google.com/java/awt/geom/RectangularShape.html#getCenterY()), [getFrame](http://docs.google.com/java/awt/geom/RectangularShape.html#getFrame()), [getMaxX](http://docs.google.com/java/awt/geom/RectangularShape.html#getMaxX()), [getMaxY](http://docs.google.com/java/awt/geom/RectangularShape.html#getMaxY()), [getMinX](http://docs.google.com/java/awt/geom/RectangularShape.html#getMinX()), [getMinY](http://docs.google.com/java/awt/geom/RectangularShape.html#getMinY()), [intersects](http://docs.google.com/java/awt/geom/RectangularShape.html#intersects(java.awt.geom.Rectangle2D)), [setFrame](http://docs.google.com/java/awt/geom/RectangularShape.html#setFrame(java.awt.geom.Point2D,%20java.awt.geom.Dimension2D)), [setFrame](http://docs.google.com/java/awt/geom/RectangularShape.html#setFrame(java.awt.geom.Rectangle2D)), [setFrameFromCenter](http://docs.google.com/java/awt/geom/RectangularShape.html#setFrameFromCenter(double,%20double,%20double,%20double)), [setFrameFromCenter](http://docs.google.com/java/awt/geom/RectangularShape.html#setFrameFromCenter(java.awt.geom.Point2D,%20java.awt.geom.Point2D)), [setFrameFromDiagonal](http://docs.google.com/java/awt/geom/RectangularShape.html#setFrameFromDiagonal(double,%20double,%20double,%20double)), [setFrameFromDiagonal](http://docs.google.com/java/awt/geom/RectangularShape.html#setFrameFromDiagonal(java.awt.geom.Point2D,%20java.awt.geom.Point2D)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Methods inherited from interface java.awt.**[**Shape**](http://docs.google.com/java/awt/Shape.html) |
| --- |
| [contains](http://docs.google.com/java/awt/Shape.html#contains(double,%20double)), [contains](http://docs.google.com/java/awt/Shape.html#contains(double,%20double,%20double,%20double)), [contains](http://docs.google.com/java/awt/Shape.html#contains(java.awt.geom.Point2D)), [contains](http://docs.google.com/java/awt/Shape.html#contains(java.awt.geom.Rectangle2D)), [getPathIterator](http://docs.google.com/java/awt/Shape.html#getPathIterator(java.awt.geom.AffineTransform)), [getPathIterator](http://docs.google.com/java/awt/Shape.html#getPathIterator(java.awt.geom.AffineTransform,%20double)), [intersects](http://docs.google.com/java/awt/Shape.html#intersects(double,%20double,%20double,%20double)), [intersects](http://docs.google.com/java/awt/Shape.html#intersects(java.awt.geom.Rectangle2D)) |

| **Constructor Detail** |
| --- |

### BasicTextUI.BasicCaret

public **BasicTextUI.BasicCaret**()

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicTextUI.BasicCaret.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 CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.BasicHighlighter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicTextUI.BasicCaret.html)    [**NO FRAMES**](http://docs.google.com/BasicTextUI.BasicCaret.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#3dy6vkm) | [CONSTR](#2s8eyo1) | [METHOD](#3rdcrjn) | DETAIL: FIELD | [CONSTR](#2jxsxqh) | METHOD |

[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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