| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicGraphicsUtils.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/BasicFormattedTextFieldUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicGraphicsUtils.html)    [**NO FRAMES**](http://docs.google.com/BasicGraphicsUtils.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

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

Class BasicGraphicsUtils

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.plaf.basic.BasicGraphicsUtils**

public class **BasicGraphicsUtils**extends [Object](http://docs.google.com/java/lang/Object.html)

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

| **Method Summary** | |
| --- | --- |
| static void | [**drawBezel**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#drawBezel(java.awt.Graphics,%20int,%20int,%20int,%20int,%20boolean,%20boolean,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int w, int h, boolean isPressed, boolean isDefault, [Color](http://docs.google.com/java/awt/Color.html) shadow, [Color](http://docs.google.com/java/awt/Color.html) darkShadow, [Color](http://docs.google.com/java/awt/Color.html) highlight, [Color](http://docs.google.com/java/awt/Color.html) lightHighlight) |
| static void | [**drawDashedRect**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#drawDashedRect(java.awt.Graphics,%20int,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int width, int height) |
| static void | [**drawEtchedRect**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#drawEtchedRect(java.awt.Graphics,%20int,%20int,%20int,%20int,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int w, int h, [Color](http://docs.google.com/java/awt/Color.html) shadow, [Color](http://docs.google.com/java/awt/Color.html) darkShadow, [Color](http://docs.google.com/java/awt/Color.html) highlight, [Color](http://docs.google.com/java/awt/Color.html) lightHighlight) |
| static void | [**drawGroove**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#drawGroove(java.awt.Graphics,%20int,%20int,%20int,%20int,%20java.awt.Color,%20java.awt.Color))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int w, int h, [Color](http://docs.google.com/java/awt/Color.html) shadow, [Color](http://docs.google.com/java/awt/Color.html) highlight) |
| static void | [**drawLoweredBezel**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#drawLoweredBezel(java.awt.Graphics,%20int,%20int,%20int,%20int,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int w, int h, [Color](http://docs.google.com/java/awt/Color.html) shadow, [Color](http://docs.google.com/java/awt/Color.html) darkShadow, [Color](http://docs.google.com/java/awt/Color.html) highlight, [Color](http://docs.google.com/java/awt/Color.html) lightHighlight) |
| static void | [**drawString**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#drawString(java.awt.Graphics,%20java.lang.String,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [String](http://docs.google.com/java/lang/String.html) text, int underlinedChar, int x, int y)            Draw a string with the graphics g at location (x,y) just like g.drawString would. |
| static void | [**drawStringUnderlineCharAt**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#drawStringUnderlineCharAt(java.awt.Graphics,%20java.lang.String,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [String](http://docs.google.com/java/lang/String.html) text, int underlinedIndex, int x, int y)            Draw a string with the graphics g at location (x, y) just like g.drawString would. |
| static [Insets](http://docs.google.com/java/awt/Insets.html) | [**getEtchedInsets**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#getEtchedInsets())()            Returns the amount of space taken up by a border drawn by drawEtchedRect() |
| static [Insets](http://docs.google.com/java/awt/Insets.html) | [**getGrooveInsets**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#getGrooveInsets())()            Returns the amount of space taken up by a border drawn by drawGroove() |
| static [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**getPreferredButtonSize**](http://docs.google.com/javax/swing/plaf/basic/BasicGraphicsUtils.html#getPreferredButtonSize(javax.swing.AbstractButton,%20int))([AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) b, int textIconGap) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

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

### BasicGraphicsUtils

public **BasicGraphicsUtils**()

| **Method Detail** |
| --- |

### drawEtchedRect

public static void **drawEtchedRect**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 int x,  
 int y,  
 int w,  
 int h,  
 [Color](http://docs.google.com/java/awt/Color.html) shadow,  
 [Color](http://docs.google.com/java/awt/Color.html) darkShadow,  
 [Color](http://docs.google.com/java/awt/Color.html) highlight,  
 [Color](http://docs.google.com/java/awt/Color.html) lightHighlight)

### getEtchedInsets

public static [Insets](http://docs.google.com/java/awt/Insets.html) **getEtchedInsets**()

Returns the amount of space taken up by a border drawn by drawEtchedRect()

**Returns:**the inset of an etched rect

### drawGroove

public static void **drawGroove**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 int x,  
 int y,  
 int w,  
 int h,  
 [Color](http://docs.google.com/java/awt/Color.html) shadow,  
 [Color](http://docs.google.com/java/awt/Color.html) highlight)

### getGrooveInsets

public static [Insets](http://docs.google.com/java/awt/Insets.html) **getGrooveInsets**()

Returns the amount of space taken up by a border drawn by drawGroove()

**Returns:**the inset of a groove border

### drawBezel

public static void **drawBezel**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 int x,  
 int y,  
 int w,  
 int h,  
 boolean isPressed,  
 boolean isDefault,  
 [Color](http://docs.google.com/java/awt/Color.html) shadow,  
 [Color](http://docs.google.com/java/awt/Color.html) darkShadow,  
 [Color](http://docs.google.com/java/awt/Color.html) highlight,  
 [Color](http://docs.google.com/java/awt/Color.html) lightHighlight)

### drawLoweredBezel

public static void **drawLoweredBezel**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 int x,  
 int y,  
 int w,  
 int h,  
 [Color](http://docs.google.com/java/awt/Color.html) shadow,  
 [Color](http://docs.google.com/java/awt/Color.html) darkShadow,  
 [Color](http://docs.google.com/java/awt/Color.html) highlight,  
 [Color](http://docs.google.com/java/awt/Color.html) lightHighlight)

### drawString

public static void **drawString**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 [String](http://docs.google.com/java/lang/String.html) text,  
 int underlinedChar,  
 int x,  
 int y)

Draw a string with the graphics g at location (x,y) just like g.drawString would. The first occurrence of underlineChar in text will be underlined. The matching algorithm is not case sensitive.

### drawStringUnderlineCharAt

public static void **drawStringUnderlineCharAt**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 [String](http://docs.google.com/java/lang/String.html) text,  
 int underlinedIndex,  
 int x,  
 int y)

Draw a string with the graphics g at location (x, y) just like g.drawString would. The character at index underlinedIndex in text will be underlined. If index is beyond the bounds of text (including < 0), nothing will be underlined.

**Parameters:**g - Graphics to draw withtext - String to drawunderlinedIndex - Index of character in text to underlinex - x coordinate to draw aty - y coordinate to draw at**Since:** 1.4

### drawDashedRect

public static void **drawDashedRect**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 int x,  
 int y,  
 int width,  
 int height)

### getPreferredButtonSize

public static [Dimension](http://docs.google.com/java/awt/Dimension.html) **getPreferredButtonSize**([AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) b,  
 int textIconGap)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicGraphicsUtils.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/BasicFormattedTextFieldUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicGraphicsUtils.html)    [**NO FRAMES**](http://docs.google.com/BasicGraphicsUtils.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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