| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SoftBevelBorder.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/border/MatteBorder.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/border/TitledBorder.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/border/SoftBevelBorder.html)    [**NO FRAMES**](http://docs.google.com/SoftBevelBorder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

## **javax.swing.border**

Class SoftBevelBorder

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.border.AbstractBorder](http://docs.google.com/javax/swing/border/AbstractBorder.html)  
 [javax.swing.border.BevelBorder](http://docs.google.com/javax/swing/border/BevelBorder.html)  
 **javax.swing.border.SoftBevelBorder**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Border](http://docs.google.com/javax/swing/border/Border.html)

public class **SoftBevelBorder**extends [BevelBorder](http://docs.google.com/javax/swing/border/BevelBorder.html)

A class which implements a raised or lowered bevel with softened corners.

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

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

| **Fields inherited from class javax.swing.border.**[**BevelBorder**](http://docs.google.com/javax/swing/border/BevelBorder.html) |
| --- |
| [bevelType](http://docs.google.com/javax/swing/border/BevelBorder.html#bevelType), [highlightInner](http://docs.google.com/javax/swing/border/BevelBorder.html#highlightInner), [highlightOuter](http://docs.google.com/javax/swing/border/BevelBorder.html#highlightOuter), [LOWERED](http://docs.google.com/javax/swing/border/BevelBorder.html#LOWERED), [RAISED](http://docs.google.com/javax/swing/border/BevelBorder.html#RAISED), [shadowInner](http://docs.google.com/javax/swing/border/BevelBorder.html#shadowInner), [shadowOuter](http://docs.google.com/javax/swing/border/BevelBorder.html#shadowOuter) |

| **Constructor Summary** | |
| --- | --- |
| [**SoftBevelBorder**](http://docs.google.com/javax/swing/border/SoftBevelBorder.html#SoftBevelBorder(int))(int bevelType)            Creates a bevel border with the specified type and whose colors will be derived from the background color of the component passed into the paintBorder method. |
| [**SoftBevelBorder**](http://docs.google.com/javax/swing/border/SoftBevelBorder.html#SoftBevelBorder(int,%20java.awt.Color,%20java.awt.Color))(int bevelType, [Color](http://docs.google.com/java/awt/Color.html) highlight, [Color](http://docs.google.com/java/awt/Color.html) shadow)            Creates a bevel border with the specified type, highlight and shadow colors. |
| [**SoftBevelBorder**](http://docs.google.com/javax/swing/border/SoftBevelBorder.html#SoftBevelBorder(int,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color))(int bevelType, [Color](http://docs.google.com/java/awt/Color.html) highlightOuterColor, [Color](http://docs.google.com/java/awt/Color.html) highlightInnerColor, [Color](http://docs.google.com/java/awt/Color.html) shadowOuterColor, [Color](http://docs.google.com/java/awt/Color.html) shadowInnerColor)            Creates a bevel border with the specified type, highlight shadow colors. |

| **Method Summary** | |
| --- | --- |
| [Insets](http://docs.google.com/java/awt/Insets.html) | [**getBorderInsets**](http://docs.google.com/javax/swing/border/SoftBevelBorder.html#getBorderInsets(java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) c)            Returns the insets of the border. |
| [Insets](http://docs.google.com/java/awt/Insets.html) | [**getBorderInsets**](http://docs.google.com/javax/swing/border/SoftBevelBorder.html#getBorderInsets(java.awt.Component,%20java.awt.Insets))([Component](http://docs.google.com/java/awt/Component.html) c, [Insets](http://docs.google.com/java/awt/Insets.html) insets)            Reinitialize the insets parameter with this Border's current Insets. |
| boolean | [**isBorderOpaque**](http://docs.google.com/javax/swing/border/SoftBevelBorder.html#isBorderOpaque())()            Returns whether or not the border is opaque. |
| void | [**paintBorder**](http://docs.google.com/javax/swing/border/SoftBevelBorder.html#paintBorder(java.awt.Component,%20java.awt.Graphics,%20int,%20int,%20int,%20int))([Component](http://docs.google.com/java/awt/Component.html) c, [Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int width, int height)            Paints the border for the specified component with the specified position and size. |

| **Methods inherited from class javax.swing.border.**[**BevelBorder**](http://docs.google.com/javax/swing/border/BevelBorder.html) |
| --- |
| [getBevelType](http://docs.google.com/javax/swing/border/BevelBorder.html#getBevelType()), [getHighlightInnerColor](http://docs.google.com/javax/swing/border/BevelBorder.html#getHighlightInnerColor()), [getHighlightInnerColor](http://docs.google.com/javax/swing/border/BevelBorder.html#getHighlightInnerColor(java.awt.Component)), [getHighlightOuterColor](http://docs.google.com/javax/swing/border/BevelBorder.html#getHighlightOuterColor()), [getHighlightOuterColor](http://docs.google.com/javax/swing/border/BevelBorder.html#getHighlightOuterColor(java.awt.Component)), [getShadowInnerColor](http://docs.google.com/javax/swing/border/BevelBorder.html#getShadowInnerColor()), [getShadowInnerColor](http://docs.google.com/javax/swing/border/BevelBorder.html#getShadowInnerColor(java.awt.Component)), [getShadowOuterColor](http://docs.google.com/javax/swing/border/BevelBorder.html#getShadowOuterColor()), [getShadowOuterColor](http://docs.google.com/javax/swing/border/BevelBorder.html#getShadowOuterColor(java.awt.Component)), [paintLoweredBevel](http://docs.google.com/javax/swing/border/BevelBorder.html#paintLoweredBevel(java.awt.Component,%20java.awt.Graphics,%20int,%20int,%20int,%20int)), [paintRaisedBevel](http://docs.google.com/javax/swing/border/BevelBorder.html#paintRaisedBevel(java.awt.Component,%20java.awt.Graphics,%20int,%20int,%20int,%20int)) |

| **Methods inherited from class javax.swing.border.**[**AbstractBorder**](http://docs.google.com/javax/swing/border/AbstractBorder.html) |
| --- |
| [getBaseline](http://docs.google.com/javax/swing/border/AbstractBorder.html#getBaseline(java.awt.Component,%20int,%20int)), [getBaselineResizeBehavior](http://docs.google.com/javax/swing/border/AbstractBorder.html#getBaselineResizeBehavior(java.awt.Component)), [getInteriorRectangle](http://docs.google.com/javax/swing/border/AbstractBorder.html#getInteriorRectangle(java.awt.Component,%20javax.swing.border.Border,%20int,%20int,%20int,%20int)), [getInteriorRectangle](http://docs.google.com/javax/swing/border/AbstractBorder.html#getInteriorRectangle(java.awt.Component,%20int,%20int,%20int,%20int)) |

| **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** |
| --- |

### SoftBevelBorder

public **SoftBevelBorder**(int bevelType)

Creates a bevel border with the specified type and whose colors will be derived from the background color of the component passed into the paintBorder method.

**Parameters:**bevelType - the type of bevel for the border

### SoftBevelBorder

public **SoftBevelBorder**(int bevelType,  
 [Color](http://docs.google.com/java/awt/Color.html) highlight,  
 [Color](http://docs.google.com/java/awt/Color.html) shadow)

Creates a bevel border with the specified type, highlight and shadow colors.

**Parameters:**bevelType - the type of bevel for the borderhighlight - the color to use for the bevel highlightshadow - the color to use for the bevel shadow

### SoftBevelBorder

public **SoftBevelBorder**(int bevelType,  
 [Color](http://docs.google.com/java/awt/Color.html) highlightOuterColor,  
 [Color](http://docs.google.com/java/awt/Color.html) highlightInnerColor,  
 [Color](http://docs.google.com/java/awt/Color.html) shadowOuterColor,  
 [Color](http://docs.google.com/java/awt/Color.html) shadowInnerColor)

Creates a bevel border with the specified type, highlight shadow colors.

**Parameters:**bevelType - the type of bevel for the borderhighlightOuterColor - the color to use for the bevel outer highlighthighlightInnerColor - the color to use for the bevel inner highlightshadowOuterColor - the color to use for the bevel outer shadowshadowInnerColor - the color to use for the bevel inner shadow

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

### paintBorder

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

Paints the border for the specified component with the specified position and size.

**Specified by:**[paintBorder](http://docs.google.com/javax/swing/border/Border.html#paintBorder(java.awt.Component,%20java.awt.Graphics,%20int,%20int,%20int,%20int)) in interface [Border](http://docs.google.com/javax/swing/border/Border.html)**Overrides:**[paintBorder](http://docs.google.com/javax/swing/border/BevelBorder.html#paintBorder(java.awt.Component,%20java.awt.Graphics,%20int,%20int,%20int,%20int)) in class [BevelBorder](http://docs.google.com/javax/swing/border/BevelBorder.html) **Parameters:**c - the component for which this border is being paintedg - the paint graphicsx - the x position of the painted bordery - the y position of the painted borderwidth - the width of the painted borderheight - the height of the painted border

### getBorderInsets

public [Insets](http://docs.google.com/java/awt/Insets.html) **getBorderInsets**([Component](http://docs.google.com/java/awt/Component.html) c)

Returns the insets of the border.

**Specified by:**[getBorderInsets](http://docs.google.com/javax/swing/border/Border.html#getBorderInsets(java.awt.Component)) in interface [Border](http://docs.google.com/javax/swing/border/Border.html)**Overrides:**[getBorderInsets](http://docs.google.com/javax/swing/border/BevelBorder.html#getBorderInsets(java.awt.Component)) in class [BevelBorder](http://docs.google.com/javax/swing/border/BevelBorder.html) **Parameters:**c - the component for which this border insets value applies **Returns:**the new Insets object initialized to 0

### getBorderInsets

public [Insets](http://docs.google.com/java/awt/Insets.html) **getBorderInsets**([Component](http://docs.google.com/java/awt/Component.html) c,  
 [Insets](http://docs.google.com/java/awt/Insets.html) insets)

Reinitialize the insets parameter with this Border's current Insets.

**Overrides:**[getBorderInsets](http://docs.google.com/javax/swing/border/BevelBorder.html#getBorderInsets(java.awt.Component,%20java.awt.Insets)) in class [BevelBorder](http://docs.google.com/javax/swing/border/BevelBorder.html) **Parameters:**c - the component for which this border insets value appliesinsets - the object to be reinitialized **Returns:**the insets object

### isBorderOpaque

public boolean **isBorderOpaque**()

Returns whether or not the border is opaque.

**Specified by:**[isBorderOpaque](http://docs.google.com/javax/swing/border/Border.html#isBorderOpaque()) in interface [Border](http://docs.google.com/javax/swing/border/Border.html)**Overrides:**[isBorderOpaque](http://docs.google.com/javax/swing/border/BevelBorder.html#isBorderOpaque()) in class [BevelBorder](http://docs.google.com/javax/swing/border/BevelBorder.html) **Returns:**false

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SoftBevelBorder.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/border/MatteBorder.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/border/TitledBorder.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/border/SoftBevelBorder.html)    [**NO FRAMES**](http://docs.google.com/SoftBevelBorder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

[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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