| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/EmptyBorder.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/CompoundBorder.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/border/EtchedBorder.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/border/EmptyBorder.html)    [**NO FRAMES**](http://docs.google.com/EmptyBorder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#lnxbz9) | [METHOD](#44sinio) |

## **javax.swing.border**

Class EmptyBorder

[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.EmptyBorder**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Border](http://docs.google.com/javax/swing/border/Border.html) **Direct Known Subclasses:** [BorderUIResource.EmptyBorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.EmptyBorderUIResource.html), [MatteBorder](http://docs.google.com/javax/swing/border/MatteBorder.html)

public class **EmptyBorder**extends [AbstractBorder](http://docs.google.com/javax/swing/border/AbstractBorder.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

A class which provides an empty, transparent border which takes up space but does no drawing.

**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** | |
| --- | --- |
| protected  int | [**bottom**](http://docs.google.com/javax/swing/border/EmptyBorder.html#bottom) |
| protected  int | [**left**](http://docs.google.com/javax/swing/border/EmptyBorder.html#left) |
| protected  int | [**right**](http://docs.google.com/javax/swing/border/EmptyBorder.html#right) |
| protected  int | [**top**](http://docs.google.com/javax/swing/border/EmptyBorder.html#top) |

| **Constructor Summary** | |
| --- | --- |
| [**EmptyBorder**](http://docs.google.com/javax/swing/border/EmptyBorder.html#EmptyBorder(java.awt.Insets))([Insets](http://docs.google.com/java/awt/Insets.html) borderInsets)            Creates an empty border with the specified insets. |
| [**EmptyBorder**](http://docs.google.com/javax/swing/border/EmptyBorder.html#EmptyBorder(int,%20int,%20int,%20int))(int top, int left, int bottom, int right)            Creates an empty border with the specified insets. |

| **Method Summary** | |
| --- | --- |
| [Insets](http://docs.google.com/java/awt/Insets.html) | [**getBorderInsets**](http://docs.google.com/javax/swing/border/EmptyBorder.html#getBorderInsets())()            Returns the insets of the border. |
| [Insets](http://docs.google.com/java/awt/Insets.html) | [**getBorderInsets**](http://docs.google.com/javax/swing/border/EmptyBorder.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/EmptyBorder.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/EmptyBorder.html#isBorderOpaque())()            Returns whether or not the border is opaque. |
| void | [**paintBorder**](http://docs.google.com/javax/swing/border/EmptyBorder.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)            Does no drawing by default. |

| **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)) |

| **Field Detail** |
| --- |

### left

protected int **left**

### right

protected int **right**

### top

protected int **top**

### bottom

protected int **bottom**

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

### EmptyBorder

public **EmptyBorder**(int top,  
 int left,  
 int bottom,  
 int right)

Creates an empty border with the specified insets.

**Parameters:**top - the top inset of the borderleft - the left inset of the borderbottom - the bottom inset of the borderright - the right inset of the border

### EmptyBorder

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

Creates an empty border with the specified insets.

**Parameters:**borderInsets - the insets of the border

| **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)

Does no drawing by default.

**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/AbstractBorder.html#paintBorder(java.awt.Component,%20java.awt.Graphics,%20int,%20int,%20int,%20int)) in class [AbstractBorder](http://docs.google.com/javax/swing/border/AbstractBorder.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/AbstractBorder.html#getBorderInsets(java.awt.Component)) in class [AbstractBorder](http://docs.google.com/javax/swing/border/AbstractBorder.html) **Parameters:**c - the component for which this border insets value applies **Returns:**the new Insets object initialized to 0**Since:** 1.3

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

### getBorderInsets

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

Returns the insets of the border.

**Since:** 1.3

### isBorderOpaque

public boolean **isBorderOpaque**()

Returns whether or not the border is opaque. Returns false by default.

**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/AbstractBorder.html#isBorderOpaque()) in class [AbstractBorder](http://docs.google.com/javax/swing/border/AbstractBorder.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/EmptyBorder.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[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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