| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StyleSheet.BoxPainter.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/text/html/StyleSheet.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/StyleSheet.ListPainter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/StyleSheet.BoxPainter.html)    [**NO FRAMES**](http://docs.google.com/StyleSheet.BoxPainter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

## **javax.swing.text.html**

Class StyleSheet.BoxPainter

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.text.html.StyleSheet.BoxPainter**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Enclosing class:**[StyleSheet](http://docs.google.com/javax/swing/text/html/StyleSheet.html)

public static class **StyleSheet.BoxPainter**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

Class to carry out some of the duties of CSS formatting. Implementations of this class enable views to present the CSS formatting while not knowing anything about how the CSS values are being cached.

As a delegate of Views, this object is responsible for the insets of a View and making sure the background is maintained according to the CSS attributes.

| **Method Summary** | |
| --- | --- |
| float | [**getInset**](http://docs.google.com/javax/swing/text/html/StyleSheet.BoxPainter.html#getInset(int,%20javax.swing.text.View))(int side, [View](http://docs.google.com/javax/swing/text/View.html) v)            Fetches the inset needed on a given side to account for the margin, border, and padding. |
| void | [**paint**](http://docs.google.com/javax/swing/text/html/StyleSheet.BoxPainter.html#paint(java.awt.Graphics,%20float,%20float,%20float,%20float,%20javax.swing.text.View))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, float x, float y, float w, float h, [View](http://docs.google.com/javax/swing/text/View.html) v)            Paints the CSS box according to the attributes given. |

| **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)) |

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

### getInset

public float **getInset**(int side,  
 [View](http://docs.google.com/javax/swing/text/View.html) v)

Fetches the inset needed on a given side to account for the margin, border, and padding.

**Parameters:**side - The size of the box to fetch the inset for. This can be View.TOP, View.LEFT, View.BOTTOM, or View.RIGHT.v - the view making the request. This is used to get the AttributeSet, and may be used to resolve percentage arguments. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - for an invalid direction

### paint

public void **paint**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 float x,  
 float y,  
 float w,  
 float h,  
 [View](http://docs.google.com/javax/swing/text/View.html) v)

Paints the CSS box according to the attributes given. This should paint the border, padding, and background.

**Parameters:**g - the rendering surface.x - the x coordinate of the allocated area to render into.y - the y coordinate of the allocated area to render into.w - the width of the allocated area to render into.h - the height of the allocated area to render into.v - the view making the request. This is used to get the AttributeSet, and may be used to resolve percentage arguments.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StyleSheet.BoxPainter.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/text/html/StyleSheet.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/StyleSheet.ListPainter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/StyleSheet.BoxPainter.html)    [**NO FRAMES**](http://docs.google.com/StyleSheet.BoxPainter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[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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