| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicHTML.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/BasicGraphicsUtils.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicIconFactory.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicHTML.html)    [**NO FRAMES**](http://docs.google.com/BasicHTML.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

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

Class BasicHTML

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

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

Support for providing html views for the swing components. This translates a simple html string to a javax.swing.text.View implementation that can render the html and provide the necessary layout semantics.

**Since:** 1.3

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**documentBaseKey**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html#documentBaseKey)            Key stored as a client property to indicate the base that relative references are resolved against. |
| static [String](http://docs.google.com/java/lang/String.html) | [**propertyKey**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html#propertyKey)            Key to use for the html renderer when stored as a client property of a JComponent. |

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

| **Method Summary** | |
| --- | --- |
| static [View](http://docs.google.com/javax/swing/text/View.html) | [**createHTMLView**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html#createHTMLView(javax.swing.JComponent,%20java.lang.String))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c, [String](http://docs.google.com/java/lang/String.html) html)            Create an html renderer for the given component and string of html. |
| static int | [**getHTMLBaseline**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html#getHTMLBaseline(javax.swing.text.View,%20int,%20int))([View](http://docs.google.com/javax/swing/text/View.html) view, int w, int h)            Returns the baseline for the html renderer. |
| static boolean | [**isHTMLString**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html#isHTMLString(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Check the given string to see if it should trigger the html rendering logic in a non-text component that supports html rendering. |
| static void | [**updateRenderer**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html#updateRenderer(javax.swing.JComponent,%20java.lang.String))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c, [String](http://docs.google.com/java/lang/String.html) text)            Stash the HTML render for the given text into the client properties of the given JComponent. |

| **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** |
| --- |

### propertyKey

public static final [String](http://docs.google.com/java/lang/String.html) **propertyKey**

Key to use for the html renderer when stored as a client property of a JComponent.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.plaf.basic.BasicHTML.propertyKey)

### documentBaseKey

public static final [String](http://docs.google.com/java/lang/String.html) **documentBaseKey**

Key stored as a client property to indicate the base that relative references are resolved against. For example, lets say you keep your images in the directory resources relative to the code path, you would use the following the set the base:

jComponent.putClientProperty(documentBaseKey,  
 xxx.class.getResource("resources/"));

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.plaf.basic.BasicHTML.documentBaseKey)

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

### BasicHTML

public **BasicHTML**()

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

### createHTMLView

public static [View](http://docs.google.com/javax/swing/text/View.html) **createHTMLView**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c,  
 [String](http://docs.google.com/java/lang/String.html) html)

Create an html renderer for the given component and string of html.

### getHTMLBaseline

public static int **getHTMLBaseline**([View](http://docs.google.com/javax/swing/text/View.html) view,  
 int w,  
 int h)

Returns the baseline for the html renderer.

**Parameters:**view - the View to get the baseline forw - the width to get the baseline forh - the height to get the baseline for **Returns:**baseline or a value < 0 indicating there is no reasonable baseline **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if width or height is < 0**Since:** 1.6 **See Also:**[FontMetrics](http://docs.google.com/java/awt/FontMetrics.html), [JComponent.getBaseline(int,int)](http://docs.google.com/javax/swing/JComponent.html#getBaseline(int,%20int))

### isHTMLString

public static boolean **isHTMLString**([String](http://docs.google.com/java/lang/String.html) s)

Check the given string to see if it should trigger the html rendering logic in a non-text component that supports html rendering.

### updateRenderer

public static void **updateRenderer**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c,  
 [String](http://docs.google.com/java/lang/String.html) text)

Stash the HTML render for the given text into the client properties of the given JComponent. If the given text is *NOT HTML* the property will be cleared of any renderer.

This method is useful for ComponentUI implementations that are static (i.e. shared) and get their state entirely from the JComponent.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicHTML.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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| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

[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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