| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HTMLDocument.Iterator.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/HTMLDocument.HTMLReader.TagAction.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/HTMLDocument.RunElement.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/HTMLDocument.Iterator.html)    [**NO FRAMES**](http://docs.google.com/HTMLDocument.Iterator.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.text.html**

Class HTMLDocument.Iterator

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

**Enclosing class:**[HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html)

public abstract static class **HTMLDocument.Iterator**extends [Object](http://docs.google.com/java/lang/Object.html)

An iterator to iterate over a particular type of tag. The iterator is not thread safe. If reliable access to the document is not already ensured by the context under which the iterator is being used, its use should be performed under the protection of Document.render.

| **Constructor Summary** | |
| --- | --- |
| [**HTMLDocument.Iterator**](http://docs.google.com/javax/swing/text/html/HTMLDocument.Iterator.html#HTMLDocument.Iterator())() |

| **Method Summary** | |
| --- | --- |
| abstract  [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) | [**getAttributes**](http://docs.google.com/javax/swing/text/html/HTMLDocument.Iterator.html#getAttributes())()            Return the attributes for this tag. |
| abstract  int | [**getEndOffset**](http://docs.google.com/javax/swing/text/html/HTMLDocument.Iterator.html#getEndOffset())()            Returns the end of the range for which the current occurrence of the tag is defined and has the same attributes. |
| abstract  int | [**getStartOffset**](http://docs.google.com/javax/swing/text/html/HTMLDocument.Iterator.html#getStartOffset())()            Returns the start of the range for which the current occurrence of the tag is defined and has the same attributes. |
| abstract  [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) | [**getTag**](http://docs.google.com/javax/swing/text/html/HTMLDocument.Iterator.html#getTag())()            Type of tag this iterator represents. |
| abstract  boolean | [**isValid**](http://docs.google.com/javax/swing/text/html/HTMLDocument.Iterator.html#isValid())()            Indicates if the iterator is currently representing an occurrence of a tag. |
| abstract  void | [**next**](http://docs.google.com/javax/swing/text/html/HTMLDocument.Iterator.html#next())()            Move the iterator forward to the next occurrence of the tag it represents. |

| **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** |
| --- |

### HTMLDocument.Iterator

public **HTMLDocument.Iterator**()

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

### getAttributes

public abstract [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **getAttributes**()

Return the attributes for this tag.

**Returns:**the AttributeSet for this tag, or null if none can be found

### getStartOffset

public abstract int **getStartOffset**()

Returns the start of the range for which the current occurrence of the tag is defined and has the same attributes.

**Returns:**the start of the range, or -1 if it can't be found

### getEndOffset

public abstract int **getEndOffset**()

Returns the end of the range for which the current occurrence of the tag is defined and has the same attributes.

**Returns:**the end of the range

### next

public abstract void **next**()

Move the iterator forward to the next occurrence of the tag it represents.

### isValid

public abstract boolean **isValid**()

Indicates if the iterator is currently representing an occurrence of a tag. If false there are no more tags for this iterator.

**Returns:**true if the iterator is currently representing an occurrence of a tag, otherwise returns false

### getTag

public abstract [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) **getTag**()

Type of tag this iterator represents.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HTMLDocument.Iterator.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/HTMLDocument.HTMLReader.TagAction.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/HTMLDocument.RunElement.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/HTMLDocument.Iterator.html)    [**NO FRAMES**](http://docs.google.com/HTMLDocument.Iterator.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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