

HTMLToWord

Description

Use the [HTMLToWord](#) object to insert well-formed HTML (XHTML) text into a WordWriter [Document](#) object. You can specify a style to use when inserting text or use the document's default style. You can also specify whether to insert text after a specific element or at the end of a document.

C#

```
public class HTMLToWord
```

vb.net

```
Public Class HTMLToWord
```

Remarks

The contents of HTML tags not listed on the [HTMLToWord Supported Tags](#) may be inserted into the document as plain text. The behavior is dependent on the settings of the [AcceptUnknownTags](#) and [IncludeContentsOfUnknownTags](#) properties found in the [HTMLInsertProperties](#) property container.

For an overview of how to use the HTMLToWord object, see [Using HTMLToWord](#).

Examples

C#

```
//--- Well-formed HTML fragment to be inserted into the document.
string htmlFragment =
@"<{span}/{span}p><{span}/{span}b>Hello,<{span}/{span}/b><{span}/{span}i>
World<{span}/{span}/i>!<{span}/{span}/p>";

//--- Open an existing Word document with the SoftArtisans WordApplication object.
WordApplication wApp = new WordApplication();
Document doc = wApp.Open("myDocument.doc");

//--- Create the HTMLToWord object.
HTMLToWord h2w = new HTMLToWord();

//--- Insert the HTML fragment at the end of the document.
//--- Use the default style.
h2w.InsertHTML(htmlFragment, doc, null, doc);
```

vb.net

```
'--- Well-formed HTML fragment to be inserted into the document.
Dim htmlFragment As String =
"<{span}{/span}p><{span}{/span}b>Hello,<{span}{/span}/b><{span}{/span}i>
World<{span}{/span}/i>!<{span}{/span}/p>"

'--- Open an existing Word document with the SoftArtisans WordApplication object.
Dim wApp As New WordApplication()
Dim doc As Document = wApp.Open("myDocument.doc")

'--- Create the HTMLToWord object.
Dim h2w As New HTMLToWord()

'--- Insert the HTML fragment at the end of the document.
'--- Use the default style.
h2w.InsertHTML(htmlFragment, doc, Nothing, doc)
```

Fields

| Name | Description |
|---------------------------------------|--|
| FormatElementDelegate | Type for user-defined delegate method called by HTMLToWord after inserting an element. |
| GetImageDelegate | Type for user-defined delegate method called by HTMLToWord when an HTML <code>img</code> tag is encountered. |
| InsertElementDelegate | Type for user-defined delegate method called by HTMLToWord before inserting an element. |

Properties

| Name | Description |
|--------------------------------|---|
| DebugLogLevel | Sets the amount of information written to the debug log file. To create a log file, you must also specify the full path of the file in the HTMLToWord.LogFileName property. If no errors occur then HTMLToWord does not generate a log file. |
| FormatDelegate | User-assigned delegate method that is called after HTMLToWord inserts an Element into the Word document. The user may implement code to perform additional formatting or post-processing on the Element inserted into the document. If this delegate is not set, HTMLToWord simply continues processing. |
| ImageDelegate | User-assigned delegate method that allows users to provide an implementation for retrieving the contents of an image and passing it back to HTMLToWord for insertion into a document. If not set, then HTMLToWord will not insert images into a document. |
| InsertDelegate | A user-assigned delegate method that HTMLToWord calls before it processes an XHTML tag. The user may implement code to perform any tasks they desire before passing control back to HTMLToWord. The return value from the delegate method specifies how HTMLToWord should behave. If this property is not set, HTMLToWord will attempt to insert the contents of the XHTML tag. |

| | |
|----------------------------------|---|
| InsertProperties | Contains settings that control how unsupported HTML tags are treated and provides an override to the default font used when inserting text into the document. |
| LogFileName | The full path to the HTMLToWord debug log file. To create a log file, you must set the DebugLogLevel parameter to a value other than None . |

Methods

| Name | Description |
|---|---|
| InsertHTML(String, Document, NamedStyle, Element) | Processes the XHTML string and inserts it into the specified Word document as formatted text after the given WordWriter Element using the given NamedStyle . Returns the last Element inserted into the document. |
| InsertHTML(String, Document, Element) | Processes the XHTML string and inserts it into the specified Word document as formatted text after the given WordWriter Element using the document's Normal style as the default font. Returns the last Element inserted into the document. |
| InsertHTML(String, Document) | Processes the XHTML string and inserts it at the end of the specified Word document as formatted text using the document's Normal style as the default font. Returns the last Element inserted into the document. |

Nested Classes

| Name | Description |
|--------------------------------------|---|
| HTMLInsertProperties | The HTMLInsertProperties object is a container for properties that control the behavior of HTMLToWord. You can control how HTMLToWord handles HTML tags that it does not explicitly support, as well as set the default font used when inserting text into the Word document. |
| HTMLTagAction | Return value from the user-supplied InsertElementDelegate delegate method. Controls how HTMLToWord handles an XHTML tag. |
| LoggingLevel | A LoggingLevel value specified the amount of information written to the log file. To create a log file, you must also specify the full path for the file using the LogFileName property. |