

HTMLToWord.ImageDelegate

Description

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.

C#

```
public GetImageDelegate ImageDelegate{ get; set; }
```

vb.net

```
Public Property ImageDelegate() As GetImageDelegate
```

Examples

C#

```
System.IO.Stream MyImageGetter(string URI)
{
    ///--- Check if there is data in the supplied URI.
    if (URI == null || URI.Length == 0)
    {
        ///--- No URI or empty URI. Nothing for us to do.
        ///--- Indicate that there are no image contents.
        return null;
    }

    ///--- Create a web request object to fetch the image file.
    WebRequest request;
    try
    {
        request = WebRequest.Create(URI);
        request.Method = "GET";
        request.Timeout = 5000;    // in milliseconds
    }
    catch (Exception e)
    {
        Console.WriteLine("Image (" + URI + ") ignored: " + e.Message);
        return null;
    }

    ///--- Get the file and return the stream.
    System.IO.Stream s = null;
    try
    {
        s = request.GetResponse().GetResponseStream();
    }
    catch (WebException e)
    {
        Console.WriteLine("Image (" + URI + ") ignored: " + e.Message);
        return null;
    }
    catch (Exception e)
    {
        Console.WriteLine("Image (" + URI + ") ignored: " + e.Message);
        return null;
    }

    ///--- We have successfully retrieved the image contents.
    ///--- Pass the stream back to HTMLToWord.
    return s;
}

///--- Create an HTMLToWord instance.
HTMLToWord h2w = new HTMLToWord();

///--- Tell HTMLToWord that it should call our "MyImageGetter" delegate method
///--- whenever it encounters an img tag in the XHTML string.
h2w.ImageDelegate = new HTMLToWord.GetImageDelegate(MyImageGetter);
```

vb.net

```
Function MyImageGetter(string URI) As System.IO.Stream
    '--- Check if there is data in the supplied URI.
    If URI Is Nothing Or URI.Length = 0 Then
        '--- No URI or empty URI. Nothing for us to do.
        '--- Indicate that there are no image contents.
        return Nothing
    End If

    '--- Create a web request object to fetch the image file.
    Dim request As WebRequest
    Try
        request = WebRequest.Create(URI)
        request.Method = "GET"
        request.Timeout = 5000 ' in milliseconds
    Catch e As Exception
        return Nothing
    End Try

    '--- Get the file and return the stream.
    Dim s As System.IO.Stream = Nothing
    Try
        s = request.GetResponse().GetResponseStream()
    Catch e As WebException
        return Nothing
    Catch e As Exception
        return Nothing
    End Try

    '--- We have successfully retrieved the image contents.
    '--- Pass the stream back to HTMLToWord.
    return s
End Function

'--- Create an HTMLToWord instance.
Dim h2w As New HTMLToWord()

'--- Tell HTMLToWord that it should call our "MyImageGetter" delegate method
'--- whenever it encounters an img tag in the XHTML string.
h2w.ImageDelegate = New HTMLToWord.GetImageDelegate(AddressOf MyImageGetter)
```