

Re: submitting form in a internetcontrol

Source:

<http://www.tech-archive.net/Archive/VB/microsoft.public.vb.controls.internet/2006-06/msg00000.html>

- *From:* desertphile@xxxxxxxxxxx
 - *Date:* 31 May 2006 16:09:06 -0700
-

Nico wrote:

I have made an application to extract members from a member list on a website (It's over 2000 members per website) Each member has a number I have to fill in at a form at that website. So I made this application to automate this a bit.

The old way: lookup member, copy paste it in Excel, transponate, and export the record to Access and start all over again with next member. So you can imagine i don't want to do that anymore...

Now back to my problem. I can get to the website, but I can't seem to start the click button event(button is submit button) or form submit event. Can anyone tell me how to do this?

It's easy. ;-) Using Microsoft's web browser ActiveX object (which apparently in your follow-up message you said you were using), you need merely navigate to the web page in question, programatically examine that web page and determine the INPUT text boxes you are interested in (via element number: see below URL), and determine what element number the form's SUBMIT button is.

Once you know the HTML document's elements, you may then use the object(element-number).Click event to "push" the SUBMIT button.

There is no error event called in this code when run. He kind of ignores my submit code...

You will probably find my answer to a similar question useful.

<http://groups.google.com/group/comp.lang.basic.visual.misc/msg/8a3aa3ec935dbbe8?dmode=source>

Using Microsoft's web browser ActiveX control you will be able to programatically fill out a HTML form on the 'net and then programatically "push" the "submit" button on that form. You will also be able to copy and save the information on the HTML document using the `..InnerText` or `..OuterText` property and then send it to MS Access (or

Re: submitting form in a internetcontrol

whatever).

WebBrowser1.Document.All will hold every element in a HTML document. You will wish to make a note of which element(s) are the form's text boxes, and which element(s) are the form's buttons. Since a form generally has only one "submit" button, but may have many text boxes, you will need to write down (perhaps on a piece of paper) which elements you are working with.

To list the elements, first navigate to the web site (via URL) in question and then run a script to list the elements.

```
Private Sub Command1_Click()
```

```
Dim i As Integer
```

```
Open "C:\temp\Element-list.txt" For Output As #1
```

```
WebBrowser1.Navigate "http://holysmoke.org/
```

```
Do
```

```
DoEvents
```

```
If WebBrowser1.Busy = False Then Exit Do
```

```
Loop
```

```
On Error Resume Next
```

```
For i = 0 To WebBrowser1.Document.All.length - 1
```

```
Debug.Print i, "Tag Name: ";
```

```
WebBrowser1.Document.All(i).TagName
```

```
Debug.Print i, "Text: "; WebBrowser1.Document.All(i).OuterText
```

```
Debug.Print i, "Type: "; WebBrowser1.Document.All(i).Type
```

```
Debug.Print i, "Value: "; WebBrowser1.Document.All(i).Value
```

```
Debug.Print
```

```
Print #1, i, "Tag Name: "; WebBrowser1.Document.All(i).TagName
```

```
Print #1, i, "Text: "; WebBrowser1.Document.All(i).OuterText
```

```
Print #1, i, "Type: "; WebBrowser1.Document.All(i).Type
```

```
Print #1, i, "Value: "; WebBrowser1.Document.All(i).Value
```

```
Print #1, ""
```

```
Next
```

```
Close
```

```
End Sub
```

For the text boxes, you are looking for the elements called "OPTION".

You will wish to fill those elements with the Value property

```
WebBrowser1.Document.All(-the-number-).Value = "Hello World"
```

For the submit button, you probably want the last "INPUT" element, however if the HTML form has buttons after the button you want, you will have to determine the actual element number. Once you find that element number, you may use the .Click method to "push" that button.

Re: submitting form in a internetcontrol

Re: submitting form in a internetcontrol

WebBrowser1.Document.All(-the-number-).Click

In the example above, the holysmoke.org web page has HTML form with a text box at element 121. The submit button is element 122. If I wanted to fill out that text box I would add the line to my code:

WebBrowser1.Document.All(121).Value = "Bob Minton"

Then to submit that form, I would add:

WebBrowser1.Document.All(122).Click

Do

DoEvents

If WebBrowser1.Busy = False Then Exit Do

Loop

⋮