

Forum:[Hack Forums](#)

Thread: [Click button in webbrowser](#)

Johan Cruyff - June 10, 2017, 6:39 pm

I am using this code:

```
Code Dim allelements As HtmlElementCollection = WebBrowser1.Document.All
  For Each webpageelement As HtmlElement In allelements
    If webpageelement.InnerHtml = "Ok" Then
      webpageelement.InvokeMember("click")
    Exit For
  End If
Next
```

It loops through the page to find any button with Ok in it, and then clicks it.

I only want it to click the 3rd button it loops through.

How do I apply this?

fxbghacker - June 10, 2017, 7:11 pm

i prefer using the modulus when iterating through a list looking for an nth item

using the mod operator:

```
Code if(i % 3 == 0)
{
  //every third item
  //do something then break
}
```

Johan Cruyff - June 10, 2017, 7:13 pm

(Jun 10, 2017 07:11 PM)fxbghacker Wrote: [\[CITE\]](#) i prefer using the modulus when iterating through a list looking for an nth item

using the mod operator:

```
Code if(i % 3 == 0)
{
  //every third item
  //do something then break
}
```

Okey so how do i apply this to my existing code?

CoderEX - June 10, 2017, 7:20 pm

I would put it in a while loop. The alignment of the code might look weird. Also, my code might not be the most efficient. I am a little rusty in VB.NET.

```
Code Dim i As Integer = 0
```

```
while i < 3
```

```

Dim allelements As HtmlElementCollection = WebBrowser1.Document.All
For Each webpageelement As HtmlElement In allelements
    If webpageelement.InnerHtml = "Ok" Then
        webpageelement.InvokeMember("click")
        i += 1
    Exit For
End If
Next
End While
Edit:

```

I think I misunderstood your question. Did you want it to press the first three buttons? Or only the third button? If it is the third button, then why not look it up by ID and click it through the ID name?

fxbghacker - June 10, 2017, 7:52 pm

add a placeholder integet, if you want every third item, make it 3

```

Code itemCounter = 3
counter = 0
so something like this maybe? (my vb is super rusty)

```

```

Code If webpageelement.InnerHtml = "Ok" And modComp = itemCounter

```

Johan Cruyff - June 11, 2017, 4:12 am

(Jun 10, 2017 07:20 PM)CoderEX Wrote: [\[CITE\]](#) I would put it in a while loop. The alignment of the code might look weird. Also, my code might not be the most efficient. I am a little rusty in VB.NET.

```

Code Dim i As Integer = 0

```

```

while i < 3
    Dim allelements As HtmlElementCollection = WebBrowser1.Document.All
    For Each webpageelement As HtmlElement In allelements
        If webpageelement.InnerHtml = "Ok" Then
            webpageelement.InvokeMember("click")
            i += 1
        Exit For
    End If
Next
End While
Edit:

```

I think I misunderstood your question. Did you want it to press the first three buttons? Or only the third button? If it is the third button, then why not look it up by ID and click it through the ID name? Only the third button, I can't look it up by id since its not there.

Ninja - June 11, 2017, 9:42 pm

(Jun 10, 2017 07:11 PM)fxbghacker Wrote: [\[CITE\]](#) i prefer using the modulus when iterating through a list looking for an nth item

```

using the mod operator:
Code if(i % 3 == 0)
{
    //every third item

```

```
//do something then break
}
```

Why not use a for loop and then use step?

fxbghacker - June 12, 2017, 3:02 pm

(Jun 11, 2017 09:42 PM)Ninja Wrote: [\[CITE\]](#) Why not use a for loop and then use step?
the if statement is inside the loop (i guess i didnt make that clear), im not familiar with 'step', like i said ive been out of VB for quite some time (barely used it alot before either). i like the feel of c# more :p

i would personally use a regex instead of looping, and then call the click method of the button (or form action) but meh, to each their own

iphone5s - June 14, 2017, 12:16 am

Here's the update:

If u can provide the webpage link you working on i'll give you more optimized code

```
Code Dim btnCount As Integer = 0
Dim allelements As HtmlElementCollection = WebBrowser1.Document.All
For Each webpageelement As HtmlElement In allelements
    btnCount += 1
    If webpageelement.InnerHtml = "Ok" And btnCount = 3 Then
        webpageelement.InvokeMember("click")
    Exit For
End If
Next
```

Ninja - June 14, 2017, 8:40 am

(Jun 12, 2017 03:02 PM)fxbghacker Wrote: [\[CITE\]](#) the if statement is inside the loop (i guess i didnt make that clear)
So..?

Johan Cruyff - June 14, 2017, 9:40 am

Thanks to all of you, I managed to work it out myself :)

fxbghacker - June 14, 2017, 10:15 am

(Jun 14, 2017 08:40 AM)Ninja Wrote: [\[CITE\]](#) So..?
so for example

```
Code //add some data to the list
for(int i=0;i<22;i++)
{
    listBox1.Items.Add("item " + i.ToString());
}

//get every third item
for (int i = 0; i < listBox1.Items.Count; i++)
{
    //the if inside the loop
    if (i % 3 == 0 && i != 0)
    {
        MessageBox.Show("this is the third item: item " + i.ToString());
        listBox1.Items.RemoveAt(i);
    }
}
```

```
}  
}  
every third item
```