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Thread: [How to tell my program to wait until it has completed a task before it do a next task](#)

programtesting28 - December 17, 2014, 2:32 pm

I have a program that is works fine one minute but as soon as my internet connection slows it stops working.

This is because I have everything set by timers.

I have tried slowing the intervals and still it messes up from time to time.

There must be a way for the program to wait until it has completed one task and then automatically carry out the next task instead of hooking the next task up to a timer.

Here is an example of what I mean:

```
Code WebBrowser1.navigate("http://www.google.com")
    [IF COMPLETED THEN MOVE ON TO NEXT TASK]
    WebBrowser1.Document.GetElementById("gbqfba").InvokeMember("click")
I'm pulling my hair out trying to work it figure it out lol
```

Thanks before ??

loopy90 - December 17, 2014, 2:38 pm

Here ya go.

<http://msdn.microsoft.com/en-us/library/system.windows.forms.webbrowser.documentcompleted.aspx>
[X](#)

so you could do

Code Private Property pageready As Boolean = False

```
Private Sub Load()
    WebBrowser1.navigate("http://www.google.com")
    WaitForPageLoad()
    WebBrowser1.Document.GetElementById("gbqfba").InvokeMember("click")
End Sub
```

#Region "Page Loading Functions"

```
Private Sub WaitForPageLoad()
    AddHandler Webbrowser1.DocumentCompleted, New
WebBrowserDocumentCompletedEventHandler(AddressOf PageWaiter)
    While Not pageready
        Application.DoEvents()
    End While
    pageready = False
End Sub
```

```
Private Sub PageWaiter(ByVal sender As Object, ByVal e As
WebBrowserDocumentCompletedEventArgs)
```

```
If Webbrowser1.ReadyState = WebBrowserReadyState.Complete Then  
    pageready = True  
    RemoveHandler Webbrowser1.DocumentCompleted, New  
WebBrowserDocumentCompletedEventHandler(AddressOf PageWaiter)  
End If  
End Sub
```

#End Region

programtesting28 - December 17, 2014, 2:48 pm

ok thanks...

how about to automatically do next event after process finished vb.net ?

like after sending email then when the sending is finished, my application closed

thx before again

loopy90 - December 17, 2014, 3:09 pm

You could use the same thing probably.... Not sure though.