

Re: Timer fires inconsistently

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2006-04/msg01632.html>

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Looks like I solved my own problem, here's the solution the benefit of others:

This like of code "AddHandler t.Elapsed, AddressOf TimerFired" should only be triggered ONCE and only once during the entire execution of the program. To prevent it from triggering the second time, I simply declared a boolean variable to be true and then once the button has been triggered once, it resets the boolean value to false, so it will not recall that line of code, the handler the second time.

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I have an application that requires the use of a timer and I have created the timer object globally:

```
Private t As New System.Timers.Timer(4000)
```

And I have a button that that triggers an event handler:

```
Private Sub myButton(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button3.Click  
t.Enabled = True  
AddHandler t.Elapsed, AddressOf TimerFired  
End Sub
```

Which triggers:

```
Private Sub TimerFired(ByVal sender As Object, _ByVal e As  
System.Timers.ElapsedEventArgs)  
MsgBox(commandID)  
commandID = commandID + 1
```

```
If commandID = 7 Then  
t.Enabled = False
```

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```
t.Stop()  
t.Close()  
commandID = 0  
isFirstStart = False  
End If  
End Sub
```

The first the time button gets clicked, the TimerFired method fires every 4 seconds, it works great the first time, however on the second time it goes like
Fire Fire... 4 seconds.. Fire fire... 4 seconds... fire fire

On the third time it will go like:

fire fire fire... 4 seconds fire fire fire...

How can I make it so that it will go like

fire... 4 seconds... fire... 4 seconds... fire 4 seconds etc...

each time I press the button?

p.s Please explain as simply as possible, this is my first time programming in VB.

Thanks for any input