

# Re: Execute error: Type Mismatch: 'Execute'

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*Source:*

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2008-08/msg00403.html>

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- *From:* Tom Lavedas <tglbatch@xxxxxxx>
  - *Date:* Thu, 21 Aug 2008 10:01:20 -0700 (PDT)
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On Aug 21, 11:09 am, kel...@xxxxxxxxxxxxxxxxxxxxxxxxx wrote:

On Aug 20, 7:52 pm, Old Pedant <OldPed...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote:

"kel...@xxxxxxxxxxxxxxxxxxxxxxxxx" wrote:

I'm in the process of writing a vbscript that uses KixForms as a GUI frontend. According to a number of web pages (and this group) it is possible to use it as follows;

```
...  
Do While Form1.Visible  
Execute(Form1.DoEvents)  
Loop
```

Ummm...I'm more than a little confused here.

According to the VBS docs  
[http://msdn.microsoft.com/en-us/library/03t418d2\(VS.85\).aspx](http://msdn.microsoft.com/en-us/library/03t418d2(VS.85).aspx)  
the Execute *\*statement\** will execute a *\*string\**, only.

So unless Form1.DoEvents is a string, I don't see how that code works, at all.

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Perhaps you could try  
MsgBox Form1.DoEvents  
to see what string Execute is attempting to work with?

Thanks for the reply OP, to answer some of your questions;

When the script is run it loops around the do while loop waiting for something to happen to the Form.DoEvents object.  
If the button is clicked it returns the value of the Button.OnClick, which in this case is Func\_Quit.

I modified the script slightly so that it will display what Form.DoEvents is returning;

```
Do While Form.Visible  
func = Form.DoEvents  
wscript.echo func  
Execute(func)  
Loop
```

If the button is clicked, the following is displayed on the console;

```
Func_Quit <- Function name being called  
Function has been called <- Result of function being called.
```

This demonstrates that the function name is returned by the DoEvents and it is called by the Execute command.

I've tried what you suggested earlier without success, one can click the button but nothing happens.;

```
Do While Form.Visible  
Form.DoEvents  
Loop
```

What I want the script to do is to call the function, run it and then return to the loop

Am I missing something fundamental about the execute statement ?

Thanks,  
Martin.

Pure speculation here – I don't have KiXtart to test with – but maybe this will work ...

```
Set Form = CreateObject( "Kixtart.Form" )
```

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```
Set Button = Form.Button  
Button.Text = "Close"  
Button.OnClick = GetRef("Func_Quit")  
Form.Show
```

```
Do While Form.Visible  
wsh.sleep 100  
Loop
```

```
Function Func_Quit  
MsgBox "Just a message box"  
wscript.echo "Function has been called"  
End Function
```

The GetRef function is designed to bind functions to events. This gets around the need for the Execute, I think. The Sleep in the loop just gives up the processor for a time so that other threads get their time to function.

Tom Lavedas

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<http://members.cox.net/tglbatch/wsh/>

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