

# Re: Command line interface and Windows form in same program

---

*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2008-02/msg00461.html>

---

- *From:* "Jwe" <jwe@xxxxxxxx>
  - *Date:* Fri, 8 Feb 2008 17:39:48 -0000
- 

If I change the project to a Console Application, the behaviour is different:

1. Run TheProgram.exe from a command prompt with no arguments: the Windows form is displayed and the command prompt returns immediately. This works as expected.
2. Run TheProgram.exe by double-clicking it in Windows Explorer: the Windows form is display and no console window is opened. This works as expected.

BUT:

3. Run TheProgram.exe from a command prompt with correct number of arguments: runs as expected, but does not display the expected message.
4. Run TheProgram.exe from a command prompt with incorrect number of arguments: does not display the command help.

Thanks for any tips etc.

"Jwe" <jwe@xxxxxxxx> wrote in message  
<news:ce2dndMpKcVZ6zHanZ2dneKdnZydnZ2d@xxxxxxxxxxxx>

Hi,

I've written a program which has both a command line interface and Windows form interface, however it isn't quite working correctly.

When run from command line with no arguments it should display the Windows form. The form is being displayed but the command only returns when the form is closed. I want the command line to return immediately, leaving the form displayed.

When run from Windows Explorer (by double-clicking on

## Re: Command line interface and Windows form in same program

TheProgram.exe) it should display the Windows form only. The form is being displayed but a console window is also being displayed.

When run from the command line with the correct number of arguments it should operate on the supplied arguments and display a message. This is working correctly.

If the correct number of arguments is supplied it should display the command help. This is working correctly.

In Project – Properties, the Output type is 'Windows Application' and Startup object is 'Sub Main'.

Sub Main is basically:

```
arguments = Environment.GetCommandLineArgs()
```

```
If arguments.Length = 1 Then  
'No command line arguments so display the Windows  
form  
Dim frmMain As New frmWindows_Form  
Application.Run(frmMain)
```

```
ElseIf arguments.Length <> 3 Then  
'Required arguments not supplied, so display the  
help  
Output_Command_Help()
```

```
Else  
'Run command
```

Any help much appreciated. Thanks.