

Visual Basic - Calling a Batch File Through VB Script (VBS)

There would be some situations where we need to call batch file from scripts. Here the script to call: **INSTALL.bat**;

Copy the below code to **Notepad** (or equivalent text editor, like **Notepad++** or other).

```
1. Function Execute()  
2. dim shell  
3. set shell=createobject("wscript.shell")  
4. shell.run "INSTALL.bat"  
5. set shell=nothing  
6.  
    End Function
```

Save the file as **.VBS**;

A small Addition

For the **Run** method:

```
Shell.Run "INSTALL.bat"
```

It's good to trap any potential errors into a variable and to tell the method not to execute the next line until the current process is complete.

```
errTrap = Shell.Run("INSTALL.BAT", 1, True)
```

This will return any error codes into errTrap. From there you can log the error or act on it accordingly in the script.

- **"True"** tells wscript/cscript to *"Wait until this command is complete before running the next line."*
The **"1"** is just the window style. Not that important.

Whenever you are returning values you have to put the arguments into parenthesis.

An additional Script

Following is the template that not only return an **exit code** but also writes to the **Event Log**.

```
'-----  
'GET CURRENT FOLDER PATH  
sLogHeader = "Install batch file"  
path = FileSystemObject.GetParentFolderName(WScript.ScriptFullName)  
If Right(path, 1) <> "\" Then path = path & "\"  
End If  
  
errTrap = shell.Run(path, 1 ,True)  
  
If (errTrap = 0) Or (errTrap = 3010) Then  
    'WRITE EXIT CODE [0-success/3010-success&requires reboot] TO EVENTLOG  
    shell.LogEvent vbLogSuccess, sLogHeader & "Installation completed  
successfully." & VbCrLf & "Exit code: " & errTrap  
    WScript.Quit (errTrap)  
  
Else  
  
    'WRITE EXIT CODE TO EVENTLOG  
  
    shell.LogEvent vbLogError, sLogHeader & "Installation failed." & VbCrLf & "Exit  
code: " & errTrap  
    WScript.Quit (errTrap)  
  
End If  
  
Set FileSystemObject = Nothing  
Set Shell = Nothing  
'-----
```