

Running a CMD or BAT in silent mode

▲ How can I run a CMD or .bat file in silent mode? I'm looking to prevent the CMD interface from being shown to the user.

40

scripting

cmd

batch-file



24

asked Jan 4 '09 at 16:45



Tammen Bruccoleri

3,300 2 22 26

9 Answers

▲ I have proposed in StackOverflow question a way to [run a batch file in the background \(no DOS windows displayed\)](#)

36

That should answer your question.



Here it is:



From your first script, call your second script with the following line:

```
wscript.exe invis.vbs run.bat %*
```

Actually, you are calling a vbs script with:

- the [path]\name of your script
- all the other arguments needed by your script (%*)

Then, invis.vbs will call your script with the [Windows Script Host Run\(\) method](#), which takes:

```
set WshShell = WScript.CreateObject("WScript.Shell")
```

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See the question for the full invis.vbs script:

```
Set WshShell = WScript.CreateObject("WScript.Shell")
WshShell.Run """" & WScript.Arguments(0) & """" & sargs, 0, False
                                ^
                                means "invisible window" ---|
```

Update after Tammen's feedback:

If you are in a DOS session and you want to launch another script "in the background", a simple `/b` (as detailed in the [same aforementioned question](#)) can be enough:

You can use `start /b second.bat` to launch a second batch file asynchronously from your first that shares your first one's window.

edited May 23 '17 at 12:10



Community ♦

1 1

answered Jan 4 '09 at 16:57



VonC

868k 311 2780
3353

1 can this be done using only DOS commands? – [rplusg](#) Feb 1 '11 at 6:29

@calvin: the second part of this answer shows only a DOS command. Depending on your context, you can run a script in silent mode with DOS command (as also detailed by the answers in stackoverflow.com/questions/298562) – [VonC](#) Feb 1 '11 at 6:33

@Shf Thank you for the edit. – [VonC](#) Nov 10 '16 at 11:45

@VonC thank You for great answer and sparing me from additional days of investigation :D – [Shf](#) Nov 10 '16 at 13:25



Include the phrase

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@echo off



right at the top of your bat script.

edited Jan 4 '09 at 16:58

answered Jan 4 '09 at 16:57

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Thanks for the edit moocha. – [Frederick The Fool](#) Jan 4 '09 at 16:59

8 Improved it a bit (formatting, added the @ in front so that the echo statement itself doesn't cause output.) However, that will not prevent output from called commands. Redirecting the output to >NUL 2>NUL on calling will do that. – [Mihai Limbășan](#) Jan 4 '09 at 16:59

Heh, welcome. Crossed comments :) – [Mihai Limbășan](#) Jan 4 '09 at 17:00

I know I knew, THANK YOU – [IGRACH](#) Dec 7 '15 at 22:32

▲ Use Advanced BAT to EXE Converter from <http://www.battoexeconverter.com>

8

This will allow you to embed any additional binaries with your batch file in to one stand alone completely silent EXE and its freeware

answered Nov 15 '12 at 18:26



[xfgjhxdfg](#)

97 1 1

6

▲ I think this is the easiest and shortest solution to running a batch file without opening the DOS window, it can be very distracting when you want to schedule a set of commands to run periodically, so the DOS window keeps popping up, here is your solution. Use a VBS Script to call the batch file ...

▼

```
Set WshShell = CreateObject("WScript.Shell" )  
WshShell.Run chr(34) & "C:\Batch Files\ mycommands.bat" & Chr(34), 0  
Set WshShell = Nothing
```

Copy the lines above to an editor and save the file with .VBS extension. Edit the .BAT file name and path accordingly.

answered Jan 15 '14 at 6:18



[indago](#)

1,448 1 22 35

1 perfect..Works like a charm – [TechDog](#) Jan 24 '17 at 12:10

Simple. Works perfectly. Since my batch file was just calling a single command to begin with, I was able to eliminate it altogether and put the command

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Use Bat To Exe Converter to do this

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http://download.cnet.com/Bat-To-Exe-Converter/3000-2069_4-10555897.html
(Choose **Direct Download Link**)

- 1 - Open Bat to Exe Converter, select your Bat file.
- 2 - In Option menu select "Invisible Application", then press compile button.

Done!

answered Apr 15 '15 at 7:00



[rafael](#)

71 1 1

Try [SilentCMD](#). This is a small freeware program that executes a batch file without displaying the command prompt window.

5

answered Feb 6 '11 at 13:27



[Stephan Brenner](#)

59 1 1

If i want to run command prompt in silent mode, then there is a simple vbs command:

3

```
Set ws=CreateObject("WScript.Shell")
ws.Run "TASKKILL.exe /F /IM iexplore.exe"
```

if i wanted to **open an url in cmd silently**, then here is a code:

```
Set WshShell = WScript.CreateObject("WScript.Shell")
Return = WshShell.Run("iexplore.exe http://otaxi.ge/log/index.php", 0)
'wait 10 seconds
WScript.sleep 10000
Set ws=CreateObject("WScript.Shell")
```

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answered Nov 26 '12 at 22:29



saele

31 1



2

I'm pretty confident I like this method the best. Copy and paste the code below into a .vbs file. From there you'll call the batch file... so make sure you edit the last line to specify the path and name of the batch file (which should contain the file you'd like to launch or perform the actions you need performed)



```
Const HIDDEN_WINDOW = 12
```

```
strComputer = "."  
Set objWMIService = GetObject("winmgmts:" _  
& "{impersonationLevel=impersonate}!\\" & strComputer & "\root\cimv2")  
Set objStartup = objWMIService.Get("Win32_ProcessStartup")  
  
Set objConfig = objStartup.SpawnInstance_  
objConfig.ShowWindow = HIDDEN_WINDOW  
Set objProcess = GetObject("winmgmts:root\cimv2:Win32_Process")  
errReturn = objProcess.Create("C:\PathOfFile\name.bat", null, objConfig, intProcessID)
```

It definitely worked for me. Comments are welcomed :)

answered Dec 25 '13 at 3:26



nino

21 1

That is really good! – jony Jul 1 '17 at 14:20



0

I'm created [RunApp](#) to do such a job and also using it in my production env, hope it's helps.

The config like below:

file: config.arg



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11/6/2019

scripting - Running a CMD or BAT in silent mode - Stack Overflow

arg1
arg2

And launch `runapp.exe` instead.

answered Jun 21 '18 at 8:19



[James Yang](#)

545 7 19

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