

I was looking how to do something like this, but couldn't find any script. I never really coded before, so I searched what it can be done and I found some useful Windows PowerShell codes.

Here are some sites which helped me the most:

- [This](#) helped me to get Idle time of machine.
- [This](#) and [this](#) helped me to change lines in *global_prefs_override.xml*.
- [This](#) helped me to run PowerShell silently without showing console window.
- And [this](#) helped me that only one (last) instance of script is running.

You can create new "scripts" folder in your [BOINC Data directory](#) and save scripts there.

1. PowerShell script:

This script will not work if you have PowerShell v2. I couldn't test it in v3 or v4, but it works in v5.1. If the script will not work for you, then look [here](#) how to upgrade your PowerShell.

The script will run in background and switch between Busy and Idle preferences you set.

I'm not very good in explaining things, but I tried and added explanations and example inside script so I hope it's clear enough that you will understand where and how to change preferences.

Here are three images for easier orientation:

[Image 1:](#)

1. Check that the paths for "boinccmd.exe" and "global_prefs_override.xml" are correct.

[Image 2:](#)

1. Set time in minutes after which the Idle preferences will be applied.
2. Set how much CPU (in %) BOINC will use when PC is Busy.
3. Set how much CPU (in %) BOINC will use when PC is Idling.

[Image 3:](#)

If you want to change other preferences, open *global_prefs_override.xml* and find the line you want to change. Then look for examples in the script:

1. Add Busy variable and set value.
2. Add Idle variable and set value.
3. Use Busy variable here.
4. Use Idle variable here.

To shorten the post I uploaded script as text file on GoogleDrive. Copy code to notepad and save it as (for e.g.) *busy_idle_config.ps1*: [Script - GoogleDrive link](#)

To test if script is working right click on it and choose "Run with PowerShell". If script is working you should see "PC is Idling for: X min X sec" text inside PowerShell console window. If it's not working then [upgrade](#) your PowerShell.

2. Visual Basic script:

This script will hide PowerShell console so that PowerShell script will run silently in background.

Copy below line to notepad and save it as *hidden.vbs*:

```
CreateObject("WScript.Shell").Run "" & WScript.Arguments(0) & "", 0, False
```

3. Create shortcut:

- Right click on Hidden.vbs file and choose "Create shortcut".
- Then right click on the shortcut you just created and choose "Properties".
- In "Target:" field replace everything with below line (Check the paths to .vbs and .ps1 script and correct them if necessary!) and click OK:

**C:\Windows\System32\wscript.exe C:\ProgramData\BOINC\scripts\hidden.vbs
"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe -executionpolicy bypass -windowstyle
hidden -noninteractive -file C:\ProgramData\BOINC\scripts\busy_idle_config.ps1"**

You can put shortcut wherever you want and run script manually.

4. Start script with Windows:

Copy shortcut you created to your *Startup* folder. If you don't know where *Startup* folder is, look at [this](#) site where to find *Startup* folder.

I should mention one more thing. If you will change anything in script the running script will not be updated with new values. So you need to restart script. There is code inside script which will close old instance of script if you run it again, so only last instance of the script will run.

So if you change something just run script with shortcut (or alternatively restart PC) and new instance of script will start running with updated values.

This is it. I'm testing script for few days now and it's working OK (for now). Maybe something could be simplified, but my knowledge of scripting is limited. For me it is important that script is doing what I want it to do and my average credit is rising.