Subject: How to suspend/resume cmd.exe
Posted by koldo on Mon, 08 Sep 2014 19:38:16 GMT
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Hello all

I have a Windows program that runs .bat files using cmd.exe. It calls it using ShellExecuteEx function. This function returns a handle to the new process that can be used successfully to force the process termination with PostMessage WM_CLOSE.

So far so good.

The problem comes when I try to pause (suspend) the process. Windows has no SuspendProcess() or SIGSTOP. I have tried it in different ways:
- Sending a PostMessage WM_KEYDOWN VK_PAUSE
- Suspending all threads in the process with Thread32First(), Thread32Next() and SuspendThread (see here or here)
- Using undocumented function NtSuspendProcess (see here)
- Using Windows Sysinternals PsSuspend
- Changing the process priority with SetPriority to idle

No success. Processes inside .bat follow running at full throttle (in my test, an xcopy).

Do you know how to suspend cmd.exe, or other shortcut to handle this?