

Re: Process Idle Time

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.kernel/2004-08/0565.html>

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Krishna Monian wrote:

- > *What happens if a batch file is invoked from the command prompt? The batch*
- > *file in turn invokes several executables. From my understanding this won't be*
- > *reflected in the ProcessTimes of the command prompt. Am I right?*
- >
- > *Is there any way to work around this?*

Again, it depends on what sorts of commands are used in the BAT or CMD file.

If they are commands that are internal, as in they are built into CMD.EXE, then that instance of CMD.EXE will utilize some CPU time as it executes those internal commands. A small amount of CPU time will be utilized, too, for the actual parsing of the BAT or CMD file itself. However, if there are any external commands being executed as a result of processing the BAT or CMD file, then those external commands will run in separate processes and will not result in CMD.EXE utilizing any significant amount of CPU time.

I don't understand what sort of work around you are asking for. This is simply how CMD.EXE functions [and COMMAND.COM, for that matter]. While an external console mode program is executing, CMD.EXE will appear idle as it is in a wait state. The subprocess that it created to execute the external command will then be busy or idle on its own depending on what it is doing and how the user is interacting with it.

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