



Iron Scriptor 2018: Prequel 7

A touch of class

Greetings Iron Scriptors. The countdown to Iron Scriptor continues. The ultimate contest will soon be upon you.

In this weeks challenge you're required to create a PowerShell class. The class should have the following properties:

- Computer Name
- BIOS manufacturer and version
- Domain of which the machine is a member – you'll need to decide how to handle non-domain machines
- Number of processors and number of cores
- Total physical memory in GB
- Operating System name
- Operating System Architecture
- Time zone
- Size of C: drive (GB)
- C: drive free space (GB)

The class should have default constructor and a constructor that accepts a Computer name and domain as parameters. Methods should be created to populate the remaining properties. You should also create a method that will calculate the percentage free space on the C: drive.

Is it possible to create the class so that it will automatically populate ALL properties of the class when an instance of the class is instantiated on a machine?

Use best practice if it doesn't conflict with your faction's aims. The solution must be acceptable to your faction:

- Daybreak Faction - beautiful code
- Flawless Faction - flawless code
- Battle Faction - good enough to get the job done

Good luck and good coding.