

# Hey, Scripting Guy! Blog

Learn about Windows PowerShell

## 2013 Scripting Games: Beginner Event 3

[The Scripting Guys](#)

9 May 2013 1:01 AM

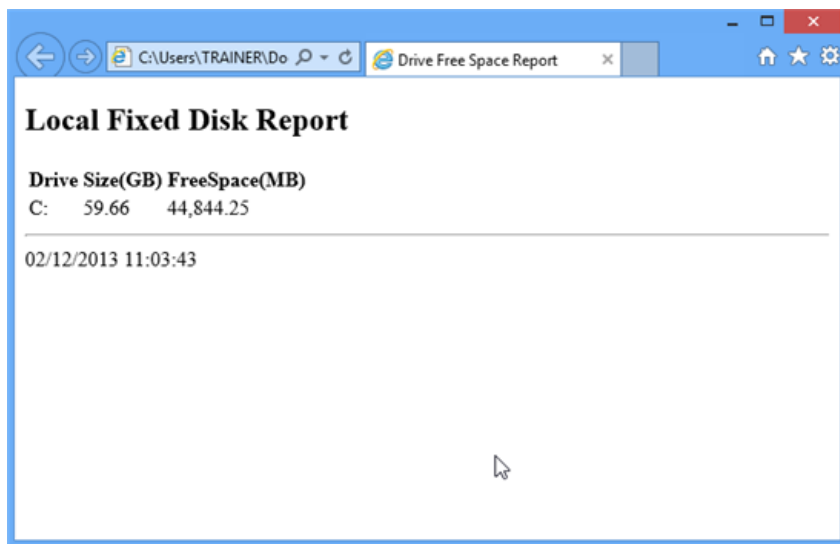
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**Summary:** Dr. Scripto needs to create an HTML report for hard disk drive status.

Microsoft Scripting Guy, Ed Wilson, is here. Today is the release of Event 3 for the 2013 Scripting Games. This year the Games are being administered and run by [www.powershell.org](http://www.powershell.org). You need to go to their website to submit your entry.

### A Disk Decision

Dr. Scripto has been fielding a lot of calls from the Help Desk lately. They've been asking him to look up information about the local hard drives in various servers—mainly size and free space information. He doesn't mind helping, but all the requests have been getting in the way of his naps. He's asked you to write a one-liner command that can get the information for him, and he wants the output in an HTML file. The HTML file should look something like this:



The Doctor says you don't need to parameterize your command. It's okay to write it to run against **LocalHost**, and he can just change that computer name as needed in the future. The resulting HTML does need to go into an HTML file on disk someplace, and he wants you to pay special attention to the following:

- The browser displays "Disk Free Space Report" in the page tab when viewing the report.
- "Local Fixed Disk Report" is in the Heading 2 (H2) HTML style.
- The report ends with an HTML horizontal rule, and the date and time that the report was generated.
- The size and free space values are shown as gigabytes (GB) and megabytes (MB) respectively, each to two decimal places.

The command you write can assume that both WMI and CIM are available on the remote computers, and that all the necessary firewall rules and authentication have already been taken care of.

I invite you to follow me on [Twitter](#) and [Facebook](#). If you have any questions, send email to me at [scripter@microsoft.com](mailto:scripter@microsoft.com), or post your questions on the [Official Scripting Guys Forum](#). See you tomorrow. Until then, peace.

**Ed Wilson, Microsoft Scripting Guy**

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7

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