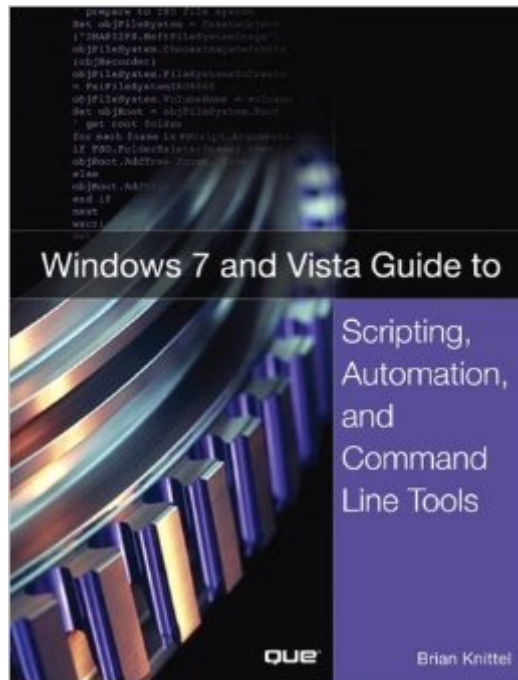# Windows 7 And Vista Guide To Scripting, Automation, And Command Line Tools

Synopsis

THE ONLY HANDS-ON, UP-TO-DATE GUIDE TO VBSCRIPT, THE WINDOWS COMMAND LINE, AND WINDOWS POWERSHELL Windows 7 and Vista contain state-of-the-art tools for streamlining or automating virtually any system management task. If youâ ™re a power user, administrator, or developer, these tools can help you eliminate repetitive work and manage your systems far more reliably and effectively. Â Renowned Windows expert Brian Knittel brings together the practical knowledge you need to use all these tools, including VBScript and Windows Scripting Host (WSH), traditional batch files, the advanced PowerShell command console, and more. Using plenty of examples, Knittel explains how each tool works, and how to solve real-world problems with them. Â Youâ ™ll master techniques ranging from accessing files to manipulating the Registry, sending automated emails to configuring new users. Knittel also provides concise, handy references to Windows 7/Vistaâ ™s command line, GUI scripting, and object-based management tools. Â The only single-source guide to all leading methods of Windows scripting and automation, this book will help you get far more doneâ "in far less time!   Â Â Understand Windows Scripting Host (WSH) and the modern Windows scripting environment   Â Â Script objects with VBScript, JScript, ActivePerl, and ActivePython   Â Â Read and write files, including XML and HTML files   Â Â Manipulate programs and shortcuts   Â Â Manage network, printer, and fax connections   Â Â Make the most of PowerShell under Windows 7 and Vista   Â Â Monitor and administer Windows systems with Windows Management Interface (WMI)   Â Â Use ADSI to control Active Directory and Microsoft Exchange, and manage users more efficiently   Â Â Avoid mistakes that can compromise script security   Â Â Use Windowsâ ™ debugging tools to test and troubleshoot scripts   Â Â Develop batch files that take full advantage of the command line   Â Â Send faxes and email messages from scripts with Windows Fax and Collaboration Data Objects (CDO)   Â Â Deploy your scripts throughout your organization   Â Brian Knittel has been a software developer for more than 30 years. He has coauthored five titles in Queâ ™s Special Edition Using series, covering Microsoft Windows Vista, XP, and 2000. He is also author of Windows XP Under the Hood, and coauthor of Upgrading and Repairing Windows (with Scott Mueller). Â Â Â

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Customer Reviews

This book is an incredible job by the author who is obviously talented at presenting the incredible amount of data necessary to do ALMOST anything with Windows at the script level. I rated it 5 stars because if you are trying to write Windows scripts, this is a good place to get started. The issue I have, however, is with the topic and Windows. Windows and most applications that run on it are really not set up for scripting, and that especially includes the obvious programs like OneNote that need it the most. Therefore don't expect an easy solution to a complex problem.Windows suffers from an ill conceived and poorly implemented operating system architecture held together with a rats nest of bandaids and timeouts, and these are your true enemy. Scripting can't fix this problem, its built in. For example, you can print a PDF file to onenote but how do you tell when OneNote is ready for the next sequential print job so that the documents are stored in order in your notebook? You can't. All you can do is code time delays and hope that the machine always completes its task before your timeout sends it more data. If you really want to expand your control over windows, you can also use autohotkey which will inject keys, allow you to program time delays, and permit you to control the active window and sense when it changes.The beauty of WSH is the architectural split between the various language interpreters you can use or install (like perl, python, etc) and the management of the scripts and additional functionality it exposes. This is nice, but most (if not all) of that functionality is already exposed in libraries and components for most scripting languages anyway.

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