

Author: Eric M. Rehm



Exploring Microsoft's Windows Management Instrumentation
Scripting

Understanding WMI Scripting

Exploring Microsoft's Windows
Management Instrumentation in Mission-
Critical Computing Infrastructures

Understanding Wmi Scripting

Marty Matthews

Understanding Wmi Scripting:

Understanding WMI Scripting Alain Lissoir,2003-03-20 Understanding WMI Scripting explains to Windows and Exchange Administrators how they can use the Windows Management Instrumentation WMI scriptable technology available in these products to ease their day to day management tasks Under Windows NET and Exchange 2000 SP2 Microsoft is making solid enhancements in WMI This will dramatically extend the scripting and manageability capabilities of Windows and Exchange Illustrated with more than three hundred samples the book links practical problems encountered by administrators to applicable scriptable solutions Lissoir focuses not on MI programming aspects for developers but on how administrators can use what is available in Windows and Exchange for their admin work WMI is a very important topic under Windows NET and Exchange 2000 SP2 so this book provides real added value to Windows Exchange administrators Although Exchange relies on Windows no other book combines coverage of Windows and Exchange Fine tune management of Windows servers Achieve better system management and customize critical operations Access hundreds of usable scripts in book and downloadable from web

Leveraging WMI Scripting Alain Lissoir,2003-04-30 Aims to delve deep into Windows Management Instrumentation WMI to understand the manageable entities of the Windows world This book offers a structured description of the important WMI providers available from Windows NT 4 0 to Windows Server 2003 including Windows 2000 and Windows XP

Nota sobre el plebiscito en Alta Silesia acompañada de los anejos 1, 3, 4 y 5 ,1921 **Windows Management Instrumentation (WMI)** Matthew M. Lavy,Ashley J. Meggitt,2001 Annotation Learn to design and implement sophisticated management solutions in Windows 2000 using WMI All the WMI topics and examples are illustrated with fully functional real world script examples that can be used as is on the reader's network Lavy and Meggitt are widely recognized as WMI gurus The material takes readers from a fundamental understanding of WMI and empowers them with the ability to design and implement their own sophisticated management solutions Windows Management Instrumentation WMI is a new technology from Microsoft that has the potential to transform the administration of windows based networks System administrators will seek detailed hands on advice on using this revolutionary tool This book tells readers everything they need to know in order to harness the power of WMI to automate vast parts of Windows 2000 workstation and server management Starting with the absolute basics teaching the fundamentals of WMI terminology and the VBScript programming language By the time readers complete the book the readers will have the ability not only to use the scripts supplied but also have a good understanding both of WMI and VBScript Scripts from the book and tools referenced by the authors will be available at www.newriders.com Matthew Lavy MA MPhil ARCM LTCL is Technical Systems Developer at Jesus College Cambridge University His main responsibilities are developing solutions for UNIX NT systems integration and providing technical support to Windows 2000 systems administrators He has been both an author and technical reviewer for the O reilly Windows NT series and is a member of the Cambridge University Windows 2000 technical strategy group Ashley

Meggitt MSc is IT Manager for Jesus College Cambridge University responsible for the management of the IT Department and for formulating the College's long term IT strategy. He is the co author of two books on Windows NT system administration both published by O'Reilly for whom he has also acted as a technical reviewer *VBScript, WMI, and ADSI Unleashed* Don Jones, 2007-05-24. If you're a Windows administrator scripting expertise can liberate you from boring repetitive work so you can take on the sophisticated high value projects you really want. Top scripting guru Don Jones has written the definitive administrator's guide to getting results with Microsoft's key scripting technologies VBScript WMI and ADSI. Jones draws on his unsurpassed experience training Windows administrators in conferences, classes and from his enormously popular site ScriptingAnswers.com. You'll learn how to use VBScript WMI and ADSI to gain administrative control over nearly every aspect of every recent Windows server or client including Windows Server 2003 Vista XP 2000 and NT. As you gain experience Jones introduces more advanced techniques ranging from modular scripting and script encryption to integrating VBScript with HTML code. Jones concludes with a full section of ready to run real world examples from logon logoff scripts to automated domain and network administration from querying WMI to creating Active Directory groups. Every script is explained line by line with challenging techniques described in even greater detail.

Microsoft Windows 2000

Scripting Guide Microsoft Corporation, 2003. Discover how to automate Microsoft Windows 2000 administrative tasks quickly and easily with expertise from those who know the technologies best the system administration scripting experts on the Windows 2000 product team. Focusing on scripting for the administrator this guide helps you understand important scripting concepts and technologies and it shows how to use common scripting tools and techniques to complete routine tasks in core administrative areas. Combining tutorial and practical elements it details how to create and use timesaving scripts in organizations of any size. **UNDERSTAND SCRIPTING CONCEPTS** Get started fast with 400 sample scripts on CD ROM and learn about important scripting concepts and technologies including what scripting is and when and why you should use it. Find out how to use scripting technologies such as Microsoft Visual Basic Scripting Edition VBScript Windows Script Host WSH the Microsoft Script Runtime object library Windows Management Instrumentation WMI and Active Directory Service Interfaces ADSI. **COMPLETE COMMON TASKS WITH SCRIPTS** Manage user accounts and identify and manage computer roles. Inventory hardware manage hard disks and other physical components. Inventory install and remove software and read, create, delete and modify Registry keys and values. Create, delete, copy, move and monitor folders and files. Manage event logs and log files and manage printers and printer connections on both print servers and client computers. Monitor running processes create and terminate processes. Monitor start and stop services and retrieve and configure service accounts, passwords and properties. **USE SCRIPTS IN THE ENTERPRISE** Set up an enterprise scripting infrastructure and modify scripts for a large organization. Follow best practices when scripting in a team environment. **INCLUDES SAMPLE SCRIPTS, AN EBOOK AND TOOLS ON CD ROM** More than 400 sample scripts from the book that you can cut and paste to

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Dr. Dobb's Journal ,2004 *WMI Essentials for Automating Windows Management* Marcin Policht,2002

The first book on the market intended as an introduction to WMI with the goal of developing the reader s ability to write scripts independently The book includes a large number of ready to use scripts which can be implemented as they appear and customized with few changes Through easy to read presentations of programming concepts and examples the reader becomes familiar with XML standards Each Script simplifies daily administrative tasks or allows for substituting third party programs for in house ones The scripts included in the repository start with the most basic ones the complexity of the scripts increases dramatically toward the end of the book to satisfy the needs of readers with more advanced skills and requirements

Developing WMI Solutions Craig Tunstall,Gwyn Cole,2003 PLEASE PROVIDE SUMMARY

Windows

Admin Scripting Little Black Book Jesse M. Torres,2004 Windows Admin Scripting Little Black Book 2nd Edition shows Windows XP and 2003 users and administrators how to perform Windows management and administrative tasks using powerful scripts for just about every important task imaginable It covers techniques for working with files input output text files and performing various network administrative tasks through scripting It explains the concept and necessity of logon scripts the backbone structure of a good logon script and how to implement these scripts in an everyday environment to automate repetitive tasks such as inventory file modifications installations and system updates It also provides an in depth look into the registry and registry editing tools including locating the important registry keys and values and modifying them The book features example scripts on every new topic covered to reinforce what the reader has just learned Key scripting topics include manipulating the Windows XP file system using powerful third party scripting tools creating scripts for installing service packs and new applications automating applications from the command line and performing Windows XP and 2003 administrative tasks Everything is included in this book and users can easily modify or combine the scripts to perform myriad tasks A bonus introduction chapter is provided showing users how to select the best scripting language and how to get the most out of scripting resources

Thông báo sách mới ,2008 **MSDN Magazine** ,2007 *VBScript, WMI and ADSI Unleashed* Don Jones,2007

If you re a Windows administrator scripting expertise can liberate you from boring

repetitive work so you can take on the sophisticated high value projects you really want. Top scripting guru Don Jones has written the definitive administrator's guide to getting results with Microsoft's key scripting technologies VBScript, WMI and ADSI. Jones draws on his unsurpassed experience training Windows administrators in conferences, classes and from his enormously popular site ScriptingAnswers.com. You'll learn how to use VBScript, WMI and ADSI to gain administrative control over nearly every aspect of every recent Windows server or client including Windows Server 2003, Vista, XP, 2000 and NT. As you gain experience, Jones introduces more advanced techniques ranging from modular scripting and script encryption to integrating VBScript with HTML code. Jones concludes with a full section of ready-to-run real world examples from logon logoff scripts to automated domain and network administration from querying WMI to creating Active Directory groups. Every script is explained line by line with challenging techniques described in even greater detail. Detailed information on how to Decide what you can script, a framework for getting started fast. Understand how scripts are designed, assembled and run. Master VBScript from start to finish: functions, I/O, data manipulation, program flow and much more. Use scripting objects for tasks ranging from retrieving network information to mapping drives. Utilize FileSystemObject to manipulate the Windows filesystem. Write ADSI scripts to manipulate any directory service your company uses from Active Directory to Novell NDS. Modify domain information, users, groups and policies. Query WMI information from basic to advanced. Plan for errors and test and debug your scripts. Build your own resource kit of reusable script components. ON THE WEB: Download all examples and source code presented in this book from ScriptingAnswers.com where you'll also be able to post follow-up questions directly to the author in a moderated active community.

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Scripts 497 Appendix 509 Index 523 **Active Directory Field Guide** Laura E. Hunter,2005 Task based advanced solutions Discusses non traditional or out of band solutions Written from real world knowledge Focuses on solutions relevant to consultants **Building a Monitoring Infrastructure with Nagios** David Josephsen,2007-02-20 Build real world end to end network monitoring solutions with Nagios This is the definitive guide to building low cost enterprise strength monitoring infrastructures with Nagios the world s leading open source monitoring tool Network monitoring specialist David Josephsen goes far beyond the basics demonstrating how to use third party tools and plug ins to solve the specific problems in your unique environment Josephsen introduces Nagios from the ground up showing how to plan for success and leverage today s most valuable monitoring best practices Then using practical examples real directives and working code Josephsen presents detailed monitoring solutions for Windows Unix Linux network equipment and other platforms and devices You ll find thorough discussions of advanced topics including the use of data visualization to solve complex monitoring problems This is also the first Nagios book with comprehensive coverage of using Nagios Event Broker to transform and extend Nagios Understand how Nagios works in depth the host and service paradigm plug ins scheduling and notification Configure Nagios successfully config files templates timeperiods contacts hosts services escalations dependencies and more Streamline deployment with scripting templates automated discovery and Nagios GUI tools Use plug ins and tools to systematically monitor the devices and platforms you need to monitor the way you need to monitor them Establish front ends visual dashboards and management interfaces with MRTG and RRDTool Build new C based Nagios Event Broker NEB modules one step at a time Contains easy to understand code listings in Unix shell C and Perl If you re responsible for systems monitoring infrastructure in any organization large or small this book will help you achieve the results you want right from the start David Josephsen is Senior Systems Engineer at DBG Inc where he maintains a collection of geographically dispersed server farms He has more than a decade of hands on experience with Unix systems routers firewalls and load balancers in support of complex high volume networks Josephsen s certifications include CISSP CCNA CCDA and MCSE His co authored work on Bayesian spam filtering earned a Best Paper award at USENIX LISA 2004 He has been published in both login and Sysadmin magazines on topics relating to security systems monitoring and spam mitigation Introduction CHAPTER 1 Best Practices CHAPTER 2 Theory of Operations CHAPTER 3 Installing Nagios CHAPTER 4 Configuring Nagios CHAPTER 5 Bootstrapping the Configs CHAPTER 6 Watching CHAPTER 7 Visualization CHAPTER 8 Nagios Event Broker Interface APPENDIX A Configure Options APPENDIX B nagios cfg and cgi cfg APPENDIX C Command Line Options Index [Journal of Computer Resource Management](#) ,2002 **Windows Server 2003 Security Infrastructures** Jan De Clercq,Jan de Clercq,2004-03-19 Explains the nuts and bolts of Windows Server 2003 security components which will build a more secure I T infrastructure Provides insights into the security features and technologies of the Windows Server 2003 operating system and highlights the security principles an architect should remember when designing an infrastructure that is rooted on the Windows Server

2003 OS **Microsoft Windows Server 2008: A Beginner's Guide** Marty Matthews,2008-02-14 Get up and running on Microsoft Windows Server 2008 with ease This hands on guide covers all the essentials of deploying and administering the latest release of Microsoft s powerful versatile network operating system Using clear screenshots and step by step instructions Microsoft Windows Server 2008 A Beginner s Guide shows you how to set up the server migrate from earlier versions and handle networking administration storage and security You ll also get details on the new Web tools and management utilities available in Windows Server 2008 Install configure and deploy Windows Server 2008 Set up and manage a network Work with Active Directory and Domains Set up communications features and an Internet connection Install customize and maintain Internet Information Services IIS 7 Configure a VPN server and client Set up Terminal Services and Remote Desktop Manage storage and file systems Secure your Windows Server environment Set up and manage printing and faxing Use the built in management tools including Server Manager and group policies *Windows Server 2003 Pocket Administrator* Nelson Ruest,Danielle Ruest,2003-10-15 Offering busy network administrators clear and concise information for daily on the job tasks this handbook comes in a handy portable format **Counter Hack Reloaded** Ed Skoudis,Tom Liston,2006 This guide empowers network and system administrators to defend their information and computing assets whether or not they have security experience Skoudis presents comprehensive insider s explanations of today s most destructive hacker tools and tactics and specific proven countermeasures for both UNIX and Windows environments

Whispering the Techniques of Language: An Emotional Quest through **Understanding Wmi Scripting**

In a digitally-driven earth wherever displays reign great and instant communication drowns out the subtleties of language, the profound techniques and mental subtleties concealed within phrases frequently move unheard. Yet, set within the pages of **Understanding Wmi Scripting** a fascinating fictional prize sporting with raw feelings, lies a fantastic journey waiting to be undertaken. Penned by a skilled wordsmith, this charming opus invites viewers on an introspective journey, delicately unraveling the veiled truths and profound affect resonating within the fabric of each word. Within the emotional depths of the poignant review, we shall embark upon a sincere exploration of the book is core themes, dissect their interesting writing type, and fail to the powerful resonance it evokes heavy within the recesses of readers hearts.

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