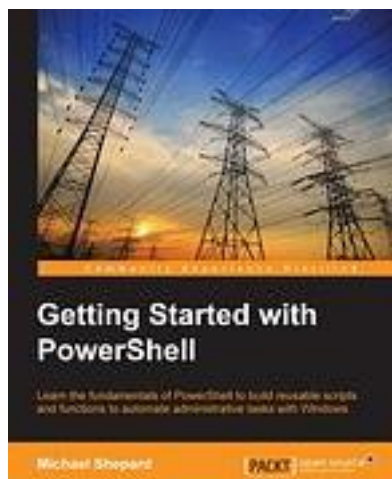


Getting Started with PowerShell



[Getting Started with PowerShell_下载链接1](#)

著者:Michael Shepard

出版者:Publisher:

出版时间:2015-8-27

装帧:

isbn:9781783558506

Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows

About This Book

Harness the capabilities of the PowerShell system to get started quickly with server automation

Learn to package commands into a reusable script and add control structures and parameters to make them flexible

Get to grips with cmdlets that allow you to perform administration tasks efficiently

Who This Book Is For

This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level.

What You Will Learn

Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE

Discover PowerShell commands and cmdlets and understand PowerShell formatting

Use the PowerShell help system to understand what particular cmdlets do

Utilise the pipeline to perform typical data manipulation

Package your code in scripts, functions, and modules

Solve common problems using basic file input/output functions

Find system information with WMI and CIM

Automate IIS functionality and manage it using the WebAdministration module

In Detail

Windows PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows.

PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI (Windows Management Instrumentation).

Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems.

You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions.

By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers.

Style and approach

A practical learning guide, complete with plenty of activities, examples and screenshots.

Downloading the example code for this book. You can download the example code files for all Packt books you have purchased from your account at <http://www.PacktPub.com>. If you purchased this book elsewhere, you can visit <http://www.PacktPub.com/support> and register to have the files e-mailed directly to you.

作者介绍:

目录:

[Getting Started with PowerShell 下载链接1](#)

标签

Windows

Programming

评论

这是一本非常短小精干的powershell入门书，180页的小个头，花了大概4个小时，结合电脑实践给读了下来，算是powershell入门了。Windows下的batch一直为人所诟病，而这次读了powershell之后，感觉微软在这一块其实做了很大的改进，从cmdlet的数量，到数据的内容与管道控制，再到与操作系统WMI，IIS的集成，的确非常强大，而其本身也依然是一门完备的语言，模块、函数、逻辑控制一应俱全 - 我相信以后在windows下我会写很多powershell脚本的。

[Getting Started with PowerShell 下载链接1](#)

书评

[Getting Started with PowerShell_下载链接1](#)