

# Beginning PowerShell

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# PowerShell

- What is PowerShell?
- History of PowerShell
- Interfaces for using PowerShell
- Learn some basic commands
- See how pipe lines can let you quickly build up powerful actions

# Command Line Interfaces

- DOS – Disk Operating System – aka Command.com
- Part of the Windows 9x family of products
- CMD still exists in the NT based products even today as CMD.
- BAT – Basic batch scripting language
- Long overdue for replacement

# PowerShell

- Based on .Net
- Everything is a .Net object
- Introduced in 2003 under the code name “Monand”
- Version 1 released in 2006 as optional add-on
- Version 2 included in Windows 7 and Windows Server 2008R2, also included in XP SP3, Server 2003 SP2, Vista SP1.

# Cmdlets

- Pronounced “Command-lets”
- PowerShell commands, have a Verb-Noun syntax
- Examples:
  - Get-Help
  - Get-Command
  - Set-Location
  - Get-Alias

# Common Verbs

- Get
- Set
- Out
- Start
- Stop
- Restart
- Add

# Common Nouns

- Help
- Command
- Service
- Computer
- Location
- ChildItems

# PowerShell Basics

## Demo Time!



# Summary

- Overview PowerShell
- History
- Interfaces for PowerShell
- Seen how alias works to support traditional style commands
- Learned how Get-Help and Get-Command can be your best friends to learning PowerShell

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