Powershell is a new… ok seriously not new

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Ctrl+left/Ctrl+right

Aliases

Get-Alias

Commands (more shell-like) Cmdlets

Get-Command

Get-command –verb Get

Get-command –noun Service

Help (man)

Get-Help [command name]

Get-Help Get-Service

Get-Service [name]

Stop-Service [name]

Get-Service [name]

Set-Alias (alias) (Command) [Aliases don’t persist across sessions]

Export-Alias –Path Aliases.txt (-Name name)

Import-Alias –Path Aliases.txt

$Profile

Get-ExecutionPolicy

Set-ExecutionPolicy

New-Item -Path $Profile -ItemType file -Force <enter>

Notepad $Profile

Parameters

Objects + |

Get-Service | Get-Member

+

Format-Custom

Format-List –Property (comma separated)

Format-Table -AutoSize

Format-Wide

+

ConvertTo-html | outfile “myfile.html”

Export-CSV filename.csv

Providers:

Get-PSProvider

Get-PSDrive

Set-Location

ENV:

Get-ChildItem

New-Item -Path . -Name MyVariable -Value “This is my new variable”<enter>

Remove-Item MyVariable

File System:

Function:

Get-ChildItem

Get-Content Clear-Host

Registry

HKLM:

HKCU:

Variables:

$PSHome

Run As Administrator:

Import-Module WebAdministration

Get-Command –Module WebAdministration | More

cd IIS:

AppPools Sites Bindings

Get-Command –Noun WebAppPool

Get-Command –Noun Website

Scripting:

Get-ChildItem -Recurse -File | Where-Object{ $\_.Name -like "\*%20\*"} | %{ Rename-Item $\_.FullName $\_.FullName.Replace("%20", " ") }

Others:

Posh-Git – Keith Dahlby

Chocolatey – Rob Reynolds

ScriptCS - Glenn Block