



POWERSHELL CHEAT SHEET

presented by Tower - the best Git client for Mac and Windows

General Commands

Get-Command (alias: gcm)

Displays a list of all available cmdlets and functions in PowerShell.

Get-Help (alias: help)

Displays help information for a specified cmdlet or function.

Get-Member (alias: gm)

Displays the properties and methods of an object.

Select-Object (alias: select)

Selects and displays specified properties of an object.

Format-List (alias: fl)

Formats output as a list.

Format-Table (alias: ft)

Formats output as a table.

Out-File

Sends output to a file.

Out-GridView (alias: ogv)

Displays output in a grid view.

Out-Null

Sends output to null.

Clear-Host (alias: clear)

Clears the console screen.

Navigation and File System

Set-Location (alias: cd)

Changes the current directory.

Get-ChildItem (alias: ls)

Displays the files and directories in the current directory.

New-Item (alias: ni)

Creates a new file or directory.

Copy-Item (alias: cp)

Copies a file or directory.

Move-Item (alias: mv)

Moves a file or directory.

Remove-Item (alias: rm)

Removes a file or directory.

Get-Content (alias: cat)

Displays the contents of a file.

Set-Content (alias: sc)

Sets the contents of a file.

Test-Path

Tests whether a file or directory exists.

Rename-Item (alias: reni)

Renames a file or directory.

Process and Service Commands

Get-Process (alias: gps)

Displays the running processes.

Stop-Process (alias: kill)

Stops a running process.

Get-Service (alias: gsv)

Displays the running services.

Start-Service (alias: sasv)

Starts a service.

Stop-Service (alias: spsv)

Stops a service.

Restart-Service

Restarts a service.

Event and Time Commands

Get-EventLog

Displays the event log.

Clear-EventLog

Clears the event log.

Get-Date (alias: date)

Displays the current date and time.

Set-Date

Sets the system date and time.

Host and Console Commands

Get-Host (alias: host)

Displays information about the host system.

Write-Host (alias: echo)

Writes output to the console.

Read-Host

Reads input from the console.

Alias and Variable Commands

Get-Alias (alias: gal)

Displays the aliases for cmdlets and functions.

New-Alias (alias: nal)

Creates an alias for a cmdlet or function.

Remove-Alias

Removes an alias.

Get-Variable (alias: gv)

Displays the variables in the current session.

Set-Variable (alias: set)

Sets the value of a variable.

Remove-Variable (alias: rv)

Removes a variable.

Get-Location (alias: pwd)

Displays the current directory.