



# 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: ren)

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.