Cheatography

WinGet Cheat Sheet

by Abubakar Riaz (abubakar.riaz) via cheatography.com/198133/cs/41888/

Info

winget --info	To get system info like arch.
winget --version	To get winget version
winget -v	

The info command of the winget tool displays metadata about the system

Install

winget install *powertoys*

winget add *powertoys*

winget install --id *Microsoft.PowerToys*

winget install --id *Microsoft.PowerToys* --v *0.15.2*

winget install --id *Microsoft.PowerToys* --uninstall-previous --v *0.15.2*

The install command of the winget tool installs the specified application

Uninstall

winget uninstall *powertoys*

winget remove *powertoys*

winget rm *powertoys*

winget uninstall --name *powertoys* --version *0.15.2*

The uninstall command requires that you specify the exact string to uninstall.

List

winget list	shows the installed apps
winget ls	alternate linux style
winget list -s winget	source is winget
winget ls -n 10	limits to 10 rows
winget upgrade	List all apps with available updates

The list command of the winget tool displays a list of the applications currently installed

Search

winget search *vscode*

winget find *vscode*

winget find --id *Microsoft.VisualStudioCode*

winget find --name "*Microsoft Visual Studio Code*"

winget find --tag *vscode*

winget search micro it will match all these Microsoft, Microscope, MyMicro.

Options

-?,--help	Shows help about the selected command.
--wait	Prompts the user to press any key before exiting.
--logs,--open-logs	Open the default logs location.
--verbose, --verbose-logs	Used to override the logging settings.
--disable-interactivity	Disable interactive prompts.

The options allow you to customize the experience to meet your needs.

Pin

winget pin add powertoys	adds a new pin
winget pin add --tag dotnet --blocking	adds a blocking pin
winget pin add --tag dotnet --version 0.70.*	adds a gating pin
winget pin remove powertoys	removes a pin for an application
winget pin list	lists all current pins
winget pin list --id Microsoft.PowerToys	List pin with matching id
winget pin reset	shows all pins that would be reset
winget pin reset --force	resets all existing pins

The winget pin command allows you to limit the Windows Package Manager from upgrading

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Published 1st January, 2024.
Last updated 1st January, 2024.

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Show

winget show vscode	
winget view vscode	

displays details for the specified application

Configure

winget configure -f *myfile.dsc.yml*	command to initiate the set up
winget configure show -f *myfile.dsc.yml*	will display the details of the configuration
winget configure test -f *myfile.dsc.yml*	Checks the system against the desired state
winget configure validate -f *myfile.dsc.yml*	Validates a configuration file.

The configure command of the winget tool uses a WinGet Configuration file to begin setting up your Windows machine

Update

winget update --all
winget upgrade --all
winget upgrade --all --uninstall-previous
winget upgrade *powertoys* --version *0.15.2*
winget upgrade --id *Microsoft.PowerToys*

The upgrade command of the winget tool upgrades the specified application.

Download

winget download PowerToys -v 0.15.2
winget download PowerToys -v 0.15.2 --installer-type msix
winget download PowerToys -v 0.15.2 -d /path/to/download

By default, the download command will download the appropriate installer to the user's Downloads folder.

Tab completion

winget →|	winget install
winget sh→|	winget show
winget source l→|	winget source list
winget --→|	winget --version

Tab completion (cont)

winget install power→|	winget install "Power Toys"
winget install "Power Toys" --version →|	winget install "Power Toys" --version 0.19.2

Repeated presses of tab (→|) will result in cycling through the possible values.

Export & Import

winget export
winget export -o *packages.json*
winget export --include-versions -o *packages.json*
winget import
winget import -i *packages.json*
winget import --ignore-versions -i *packages.json*

The export combined with the import command allows you to batch install applications on your PC.

Logs

winget list --logs
winget source update --open-logs
winget install *vscode* --verbose-logs
winget search -n *visual* --verbose-logs
winget source add -n *mysource* -t *Microsoft.REST* -a *https://www.contoso.org* --verbose

Windows Package Manager by default creates log files when executing commands.

Hash

winget hash *myInstaller.msixbundle*
winget hash -f *myInstaller.msixbundle*
winget hash -f *myInstaller.msixbundle* --msix

The hash command of the winget tool generates the SHA256 hash for an installer.

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Help

winget --help	Display help for all commands.
winget -?	Display help for all commands.
winget <command> --help	Display help for a command.
winget <command> -?	Display help for a command.

The help command of the winget tool displays help for all the supported commands

Source

winget source list
winget source add --name *Contoso myurl*
winget source update -n *Contoso*
winget source refresh -n *Contoso*
winget source remove -n *Contoso*
winget source rm -n *Contoso*
winget source reset --force
winget source export winget

source command allows you to manage sources for Windows Package Manager.

Settings

winget settings
winget Config

Allows you to customize your Windows Package Manager client experience

Misc

winget validate --manifest *myfile.yml*	validates a manifest for submitting software
winget features	list of the experimental features available

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