Helm Cheat Sheet

Install and Uninstall Apps

helm install [name] [chart]	Install an app
helm install [name] [chart] --namespace [namespace]	Install an app in a specific namespace
helm install [name] [chart] --values [yaml-file/url]	Override the default values with those specified in a file of your choice
helm install [name] --dry-run --debug	Run a test install to validate and verify the chart
helm uninstall [release] name]	Uninstall a release

Perform App Upgrade and Rollback

helm upgrade [release] [chart]	Upgrade an app
helm upgrade [release] [chart] --atomic	Tell Helm to roll back changes if the upgrade fails
helm upgrade [release] [chart] --install	Upgrade a release. If it does not exist on the system, install it
helm upgrade [release] [chart] --version [version-number]	Upgrade to a version other than the latest one
helm rollback [release] [revision]	Roll back a release

Download Release Information

helm get all [release]	Download all the release information
helm get hooks [release]	Download all hooks
helm get manifest [release]	Download the manifest
helm get notes [release]	Download the notes
helm get values [release]	Download the values file
helm history [release]	Fetch release history

Add, Remove, and Update Repos

helm repo add [name] [url]	Add a repository from the internet
helm repo remove [name]	Remove a repository from your system
helm repo update	Update repositories

List and Search Repos

helm repo list	List chart repositories
helm repo index	Generate an index file containing charts found in the current directory
helm search [keyword]	Search charts for a keyword
helm search repo [keyword]	Search repositories for a keyword
helm search hub [keyword]	Search Helm Hub

Release Monitoring

helm list	List all the available releases in the current namespace
helm list --all-namespaces	List all the available releases across all namespaces
helm list --namespace [namespace]	List all the releases in a specific namespace
helm list --output [format]	List all the releases in a specific output format
helm list --filter '[expression]'	Apply a filter to the list of releases using regular (Pearl compatible) expressions
helm status [release]	See the status of a release
helm history [release]	See the release history
helm env	See information about the Helm client environment

Plugin Management

helm plugin install [path/url1] [path/url2] ...	Install plugins
helm plugin list	View a list of all the installed plugins
Helm plugin update [plugin1] [plugin2] ...	Update plugins
Helm plugin uninstall [plugin]	Uninstall a plugin

Chart Management

helm create [name]	Create a directory containing the common chart files and directories (Chart.yaml, values.yaml, charts/ and templates/)
helm package [chart-path]	Package a chart into a chart archive
helm lint [chart]	Run tests to examine a chart and identify possible issues
helm show all [chart]	Inspect a chart and list its contents
helm show chart [chart]	Display the chart's definition
helm show values [chart]	Display the chart's values
helm pull [chart]	Download a chart
helm pull [chart] --untar --untardir [directory]	Download a chart and extract the archive's contents into a directory
helm dependency list [chart]	Display a list of a chart's dependencies

Get Help and Version Info

helm --help	See the general help for Helm
helm [command] --help	See help for a particular command
helm version	See the installed version of Helm