krew kubectl plugin manager

CONCEPTS

krew is a kubectl plugin itself: every plugin it installs runs as kubectl <plugin>.

Index git repo of manifests
↓ update
search / info find a plugin
↓ install
~/.krew/bin on your PATH
↓ kubectl <plugin>
Run as a kubectl command

Needs kubectl 1.12 or later and git. Plugins live under $KREW_ROOT (default ~/.krew).

SETUP

export PATH="${KREW_ROOT:-$HOME/.krew}/bin:$PATH"
Put krew plugins on PATH (bash/zsh)

kubectl krew
Check the install works

set -gx PATH $PATH $HOME/.krew/bin
Put plugins on PATH (fish)

DISCOVER

kubectl krew update
Refresh the plugin index

kubectl krew search
List all available plugins

kubectl krew search *<keyword>*
Search plugins by keyword

kubectl krew info *<plugin>*
Show plugin version and description

INSTALL AND RUN

kubectl krew install *<plugin>*
Install a plugin

kubectl krew install *<plugin>* *<plugin>*
Install several at once

kubectl *<plugin>*
Run an installed plugin

kubectl krew install *<index>*/*<plugin>*
Install from a named index

kubectl plugin list
All kubectl plugins, krew or not

MANAGE

kubectl krew list
List plugins installed via krew

kubectl krew upgrade
Upgrade all plugins (and krew)

kubectl krew upgrade *<plugin>*...
Upgrade only the named plugins

kubectl krew uninstall *<plugin>*...
Remove plugins

INDEXES

kubectl krew index list
Show configured indexes

kubectl krew index add *<name>* *<git-uri>*
Add a custom index