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