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