k9s Kubernetes terminal UI

CONCEPTS

k9s is a live table of one resource type at a time. Type : plus a name to change type, / to filter, a key to act on the highlighted row.

Command :ns, :deploy
↓ pick
Table live resource list
↓ filter / act
Action logs, shell, edit

Start with --readonly on production clusters: it disables every modifying command (edit, delete, restart).

Shortcuts are context sensitive: u, r, t and w mean different things in the Node, Deployment, CronJob and Log views. Press ? to see the current ones.

LAUNCH

k9s
Start in the current kube context

k9s -n *<namespace>*
Start in a namespace

k9s -A
Start in all namespaces

k9s -c *<resource>*
Start in a given view, e.g. pod

k9s --context *<name>*
Use a non-default kube context

k9s --readonly
Disable all modifying commands

k9s info
Show config, log and dump paths

k9s help
List all CLI options

GENERAL

? Show key hints for this view

Ctrl + **A**
List all resource aliases

Esc
Go back / leave command or filter

:q / **Ctrl** + **C** Quit k9s

GENERAL (cont.)

- Back to the last command

Ctrl + **W** Toggle wide columns

Ctrl + **Z** Toggle faults only

SWITCH VIEWS

:*<resource>*
Open a resource view (:pod, :svc, :deploy)

:*<resource>* ***<namespace>***
Open a view in a namespace

:pod /*<text>*
Pods filtered by text

:pod *<key>*=*<val>*,...
Pods matching labels

:ns
List and switch namespaces

:ctx
List and switch contexts

:ctx *<name>*
Switch straight to a context

:pulses / :pu
Cluster pulses overview

FILTER

/*<regex>*
Filter rows by regex, e.g. web|api

/! *<regex>*
Inverse filter, hide matches

/-l *<selector>*
Filter by label selector

/-f *<text>*
Fuzzy find

INSPECT AND ACT

d Describe the resource

y View YAML

l View logs

p Previous logs

s Shell into a container (pods)

e Edit the resource

Ctrl + **D**
Delete, with confirmation

INSPECT AND ACT (cont.)

Ctrl + **K**
Kill now, no confirmation

c Copy resource name

Shift + **J** Jump to the owner

SELECT AND SORT

Space Mark a row

Ctrl + **Space** Mark a range

Ctrl + **** Clear all marks

Shift + **N** Sort by name

Shift + **A** Sort by age

LOGS AND WORKLOADS

w Toggle line wrap (log view)

t Toggle timestamps (log view)

f
Toggle fullscreen (log, YAML, details)

Shift + **F**
Port-forward (pod, service, container)

f List port-forwards

r
Restart (Deployment, DaemonSet, StatefulSet)

CONFIG

Files in the config directory

File	Purpose
`config.yaml`	Main settings
`hotkeys.yaml`	Custom shortcuts
`plugins.yaml`	External commands
`aliases.yaml`	Extra command aliases
`views.yaml`	Custom columns
`jumps.yaml`	Custom jump targets
`skins/`	Colour themes

Config lives in ~/.config/k9s on Linux, ~/Library/Application Support/k9s on macOS. Logs and screen dumps go to the XDG state dir. Run k9s info for the real paths, or set K9S_CONFIG_DIR.