

Kubectl plugin

This plugin adds completion for the [Kubernetes cluster manager](#), as well as some aliases for common kubectl commands.

To use it, add `kubectl` to the plugins array in your zshrc file:

```
plugins=(... kubectl)
```

Aliases

Alias	Command	Description
k	kubectl	The kubectl command
kca	kubectl --all-namespaces	The kubectl command targeting all namespaces
kaf	kubectl apply -f	Apply a YML file
keti	kubectl exec -ti	Drop into an interactive terminal on a container
		Manage configuration quickly to switch contexts between local, dev and staging
kcuc	kubectl config use-context	Set the current-context in a kubeconfig file
kcsc	kubectl config set-context	Set a context entry in kubeconfig
kcdc	kubectl config delete-context	Delete the specified context from the kubeconfig
kccc	kubectl config current-context	Display the current-context
kcgc	kubectl config get-contexts	List of contexts available
		General aliases
kdel	kubectl delete	Delete resources by filenames, stdin, resources and names, or by resources and label selector
kdelf	kubectl delete -f	Delete a pod using the type and name specified in -f argument
		Pod management
kgp	kubectl get pods	List all pods in ps output format
kgpw	kgp --watch	After listing/getting the requested object, watch for changes
kgpwide	kgp -o wide	Output in plain-text format with any additional information. For pods, the node name is included
kep	kubectl edit pods	Edit pods from the default editor
kdp	kubectl describe pods	Describe all pods

kdelp	kubectl delete pods	Delete all pods matching passed arguments
kgpl	kgp -l	Get pods by label. Example: kgpl "app=myapp" -n myns
kgpn	kgp -n	Get pods by namespace. Example: kgpn kube-system
		Service management
kgs	kubectl get svc	List all services in ps output format
kgsW	kgs --watch	After listing all services, watch for changes
kgswide	kgs -o wide	After listing all services, output in plain-text format with any additional information
kes	kubectl edit svc	Edit services(svc) from the default editor
kds	kubectl describe svc	Describe all services in detail
kdels	kubectl delete svc	Delete all services matching passed argument
		Ingress management
kgi	kubectl get ingress	List ingress resources in ps output format
kei	kubectl edit ingress	Edit ingress resource from the default editor
kdi	kubectl describe ingress	Describe ingress resource in detail
kdeli	kubectl delete ingress	Delete ingress resources matching passed argument
		Namespace management
kgns	kubectl get namespaces	List the current namespaces in a cluster
kcn	kubectl config set-context --current --namespace	Change current namespace
kens	kubectl edit namespace	Edit namespace resource from the default editor
kdns	kubectl describe namespace	Describe namespace resource in detail
kdelns	kubectl delete namespace	Delete the namespace. WARNING! This deletes everything in the namespace
		ConfigMap management
kgcm	kubectl get configmaps	List the configmaps in ps output format
kecm	kubectl edit configmap	Edit configmap resource from the default editor
kdcM	kubectl describe configmap	Describe configmap resource in detail
kdelcm	kubectl delete configmap	Delete the configmap
		Secret management
kgsec	kubectl get secret	Get secret for decoding
kdsEc	kubectl describe secret	Describe secret resource in detail

kdelsec	kubectl delete secret	Delete the secret
		Deployment management
kgd	kubectl get deployment	Get the deployment
kgdw	kgd --watch	After getting the deployment, watch for changes
kgdwide	kgd -o wide	After getting the deployment, output in plain-text format with any additional information
ked	kubectl edit deployment	Edit deployment resource from the default editor
kdd	kubectl describe deployment	Describe deployment resource in detail
kdeld	kubectl delete deployment	Delete the deployment
ksd	kubectl scale deployment	Scale a deployment
krsd	kubectl rollout status deployment	Check the rollout status of a deployment
kres	kubectl set env \$@ REFRESHED_AT=...	Recreate all pods in deployment with zero-downtime
		Rollout management
kgrs	kubectl get replicaset	List all ReplicaSets <i>rs</i> created by the deployment
kdrs	kubectl describe replicaset	Describe ReplicaSet in detail
kers	kubectl edit replicaset	Edit ReplicaSet from the default editor
krh	kubectl rollout history	Check the revisions of this deployment
kru	kubectl rollout undo	Rollback to the previous revision
		Port forwarding
kpf	kubectl port-forward	Forward one or more local ports to a pod
		Tools for accessing all information
kg	kubectl get all	List all resources in ps format
kgaa	kubectl get all --all-namespaces	List the requested object(s) across all namespaces
		Logs
kl	kubectl logs	Print the logs for a container or resource
klf	kubectl logs -f	Stream the logs for a container or resource (follow)
		File copy
kcp	kubectl cp	Copy files and directories to and from containers
		Node management

kgno	kubectl get nodes	List the nodes in ps output format
keno	kubectl edit node	Edit nodes resource from the default editor
kdno	kubectl describe node	Describe node resource in detail
kdelno	kubectl delete node	Delete the node
		Persistent Volume Claim management
kgpvc	kubectl get pvc	List all PVCs
kgpvcw	kgpvc --watch	After listing/getting the requested object, watch for changes
kepvc	kubectl edit pvc	Edit pvcs from the default editor
kdpvc	kubectl describe pvc	Describe all pvcs
kdelpvc	kubectl delete pvc	Delete all pvcs matching passed arguments
		StatefulSets management
kgss	kubectl get statefulset	List the statefulsets in ps format
kgssw	kgss --watch	After getting the list of statefulsets, watch for changes
kgsswide	kgss -o wide	After getting the statefulsets, output in plain-text format with any additional information
kess	kubectl edit statefulset	Edit statefulset resource from the default editor
kdss	kubectl describe statefulset	Describe statefulset resource in detail
kdelss	kubectl delete statefulset	Delete the statefulset
ksss	kubectl scale statefulset	Scale a statefulset
krsss	kubectl rollout status statefulset	Check the rollout status of a deployment
		Service Accounts management
kdsa	kubectl describe sa	Describe a service account in details
kdelsa	kubectl delete sa	Delete the service account
		DaemonSet management
kgds	kubectl get daemonset	List all DaemonSets in ps output format
kgdsw	kgds --watch	After listing all DaemonSets, watch for changes
keds	kubectl edit daemonset	Edit DaemonSets from the default editor
kdds	kubectl describe daemonset	Describe all DaemonSets in detail
kdelds	kubectl delete daemonset	Delete all DaemonSets matching passed argument
		CronJob management
kgcj	kubectl get cronjob	List all CronJobs in ps output format

kecj	kubectl edit cronjob	Edit CronJob from the default editor
kdcj	kubectl describe cronjob	Describe a CronJob in details
kdelcj	kubectl delete cronjob	Delete the CronJob
		Job management
kgj	kubectl get job	List all Job in ps output format
kej	kubectl edit job	Edit a Job in details
kdj	kubectl describe job	Describe the Job
kdelj	kubectl delete job	Delete the Job

Wrappers

This plugin provides 3 wrappers to colorize kubectl output in JSON and YAML using various tools (which must be installed):

- `kj` : JSON, colorized with `jq` .
- `kjx` : JSON, colorized with `fx` .
- `ky` : YAML, colorized with `yh` .