

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 YAML 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

Alias	Command	Description
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"
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		

Alias	Command	Description
kgcm	<code>kubectl get configmaps</code>	List the configmaps in ps output format
kecm	<code>kubectl edit configmap</code>	Edit configmap resource from the default editor
kdcn	<code>kubectl describe configmap</code>	Describe configmap resource in detail
kdelcm	<code>kubectl delete configmap</code>	Delete the configmap
Secret management		
kgsec	<code>kubectl get secret</code>	Get secret for decoding
kdsec	<code>kubectl describe secret</code>	Describe secret resource in detail
kdelsec	<code>kubectl delete secret</code>	Delete the secret
Deployment management		
kgd	<code>kubectl get deployment</code>	Get the deployment
kgdw	<code>kgd --watch</code>	After getting the deployment, watch for changes
kgdwid	<code>kgd -o wide</code>	After getting the deployment, output in plain-text format with any additional information
ked	<code>kubectl edit deployment</code>	Edit deployment resource from the default editor
kdd	<code>kubectl describe deployment</code>	Describe deployment resource in detail
kdeld	<code>kubectl delete deployment</code>	Delete the deployment
ksd	<code>kubectl scale deployment</code>	Scale a deployment
krsd	<code>kubectl rollout status deployment</code>	Check the rollout status of a deployment
kres	<code>kubectl set env \$@ REFRESHED_AT=...</code>	Recreate all pods in deployment with zero-downtime
Rollout management		
kgrrs	<code>kubectl get replicaset</code>	List all ReplicaSets rs created by the deployment
kdrs	<code>kubectl describe replicaset</code>	Describe ReplicaSet in detail

Alias	Command	Description
kers	<code>kubectl edit replicaset</code>	Edit ReplicaSet from the default editor
krh	<code>kubectl rollout history</code>	Check the revisions of this deployment
kru	<code>kubectl rollout undo</code>	Rollback to the previous revision
Port forwarding		
kpf	<code>kubectl port-forward</code>	Forward one or more local ports to a pod
Tools for accessing all information		
kg	<code>kubectl get all</code>	List all resources in ps format
kgaa	<code>kubectl get all --all-namespaces</code>	List the requested object(s) across all namespaces
Logs		
kl	<code>kubectl logs</code>	Print the logs for a container or resource
klf	<code>kubectl logs -f</code>	Stream the logs for a container or resource (follow)
File copy		
kcp	<code>kubectl cp</code>	Copy files and directories to and from containers
Node management		
kgno	<code>kubectl get nodes</code>	List the nodes in ps output format
keno	<code>kubectl edit node</code>	Edit nodes resource from the default editor
kdno	<code>kubectl describe node</code>	Describe node resource in detail
kdelno	<code>kubectl delete node</code>	Delete the node
Persistent Volume Claim management		
kgpvc	<code>kubectl get pvc</code>	List all PVCs
kgpvcw	<code>kgpvc --watch</code>	After listing/getting the requested object, watch for changes
kepvc	<code>kubectl edit pvc</code>	Edit pvcs from the default editor
kdpvc	<code>kubectl describe pvc</code>	Describe all pvcs
kdelpvc	<code>kubectl delete pvc</code>	Delete all pvcs matching passed arguments
StatefulSets management		
kgss	<code>kubectl get statefulset</code>	List the statefulsets in ps format
kgssw	<code>kgss --watch</code>	After getting the list of statefulsets, watch for changes
kgsswid	<code>kgss -o wide</code>	After getting the statefulsets, output in plain-text format with any additional information

Alias	Command	Description
kess	<code>kubectl edit statefulset</code>	Edit statefulset resource from the default editor
kdss	<code>kubectl describe statefulset</code>	Describe statefulset resource in detail
kdelsa	<code>kubectl delete statefulset</code>	Delete the statefulset
ksss	<code>kubectl scale statefulset</code>	Scale a statefulset
krsss	<code>kubectl rollout status statefulset</code>	Check the rollout status of a deployment
Service Accounts management		
kdsa	<code>kubectl describe sa</code>	Describe a service account in details
kdelsa	<code>kubectl delete sa</code>	Delete the service account
DaemonSet management		
kgds	<code>kubectl get daemonset</code>	List all DaemonSets in ps output format
kgdsw	<code>kgds --watch</code>	After listing all DaemonSets, watch for changes
keds	<code>kubectl edit daemonset</code>	Edit DaemonSets from the default editor
kdds	<code>kubectl describe daemonset</code>	Describe all DaemonSets in detail
kdelds	<code>kubectl delete daemonset</code>	Delete all DaemonSets matching passed argument
CronJob management		
kgcj	<code>kubectl get cronjob</code>	List all CronJobs in ps output format
kecj	<code>kubectl edit cronjob</code>	Edit CronJob from the default editor
kdcj	<code>kubectl describe cronjob</code>	Describe a CronJob in details
kdelej	<code>kubectl delete cronjob</code>	Delete the CronJob
Job management		
kgj	<code>kubectl get job</code>	List all Job in ps output format
kej	<code>kubectl edit job</code>	Edit a Job in details
kdj	<code>kubectl describe job</code>	Describe the Job

Alias	Command	Description
kdelj	<code>kubectl delete job</code>	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`.