Kubernetes

Useful arguments. Applies to all CRUD commands

- `-n or --namespace` specify a different namespace other than the default one
- `-A or --all-namespaces` runs the command on all namespaces

Manage Manifest

```
kubectl apply -f {manifest.yaml}
kubectl delete -f {manifest.yaml}
```

Help

```
kubectl {command} --help
```

API Resources

```
kubectl api-resources -o wide
```

Show Current Kube Config

```
kubectl config view
```

Switch Clusters/Context

```
kubectl config use-context {cluster-name}
```

Namespaces

```
kubectl get ns
kubectl delete ns {ns-name}
```

Metrics Server

```
kubectl top po --containers
```

Logs

```
kubectl logs {pod-name} -c {container-name}
```

Describe API Object

```
kubectl describe {api-resource} {object-id} -n {namespace}
```

Get API Object Manifest

```
kubectl get {api-resource} {object-id} -o yaml
```

Shell Into Container

```
kubectl exec -it {pod-name} -c {container-name} -- /bin/sh
```

Copy From Container

```
kubectl cp {pod-name}:{path-origin} {path-dest} -c {container-name}
```

Pods

```
kubectl get po
kubectl delete po {pod-name}
```

Deployments

```
kubectl get deploy
kubectl delete deploy {deployment-name}
```

ConfigMaps

```
kubectl get cm
kubectl edit cm {cm-name}
kubectl delete cm {cm-name}
```

Secrets

```
kubectl get secret
kubectl edit secret {secret-name}
kubectl delete secret {secret-name}
```

Services

```
kubectl get svc
kubectl delete svc {svc-name}
```

Ingresses

```
kubectl get ingress -A
kubectl delete ingress {ingress-name}
```

Scale Manually

```
kubectl scale --replicas={pods-number} deploy {deployment-name}
```

Helm

Show Releases

```
helm list
```

Create Chart

```
helm create {chart-name}
```

Install/DryRun

```
helm upgrade --install -f {custom-values.yaml} {release-name} {chart}
helm install {release-name} --set {custom-inline} --dry-run {chart}
```

Show Default Values

```
helm show values {chart}
```

Show Release Values

```
helm get values {release-name}
```

Delete Release

```
helm delete {release-name}
```