

# Kubernetes - Quick Command Reference

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Here's a rundown of all (ok, most of) of the commands used in the Kubernetes : Core Concepts course.

## **Kubectl:**

### **kubectl get all**

list all objects that you've created. Pods at first, later, ReplicaSets, Deployments and Services

### **kubectl apply -f <yaml file>**

either creates or updates resources depending on the contents of the yaml file

### **kubectl apply -f .**

apply all yaml files found in the current directory Kubernetes

### **kubectl describe pod <name of pod>**

gives full information about the specified pod

### **kubectl exec -it <pod name> <command>**

execute the specified command in the pod's container. Doesn't work well in Cygwin.

### **kubectl get (pod | po | service | svc | rs | replicaset | deployment | deploy)**

get all pods or services. Later in the course, replicaset and deployments.

### **kubectl get po --show-labels**

get all pods and their labels

### **kubectl get po --show-labels -l {name}={value}**

get all pods matching the specified name:value pair **kubectl delete po <pod name>**

### **delete the named pod. Can also delete svc, rs, deployment**

**kubectl delete po --all**  
delete all pods (also svc, rs, deploy)

## **Deployment Management**

### **kubectl rollout status deploy <name of deployment>**

get the status of the named deployment

### **kubectl rollout history deploy <name of deployment>**

get the previous versions of the deployment

### **kubectl rollout undo deploy <name of deployment>**

go back one version in the deployment. Also optionally --to-revision=<revision number>

We recommend this is used only in stressful emergency situations! Your YAML will now be out of date with the live deployment!