

Kubectl Cheat Sheet by [deleted] via cheatography.com/44122/cs/13074/

Viewing / Accessing resources	Resource types (cont)
kubectl getall- nam espaces {resou rce _type}	deplo@etents A Deployment controller provides resource declarative updates for Pods and from all ReplicaSets.
<pre>kubectl describe {resou rce _type}</pre>	Describes the given reach the cluster services. An Ingress is a collection of rules that allow inbound connections to reach the cluster services.
<pre>kubectl rollin g-u pdate {pod_name}</pre>	resources Performs a rolling A job creates one or more pods a ensures that a specified number them successfully terminate.
<pre>kubectl scalerepl icas=3 {resou rce _ty pe} /{r eso</pre>	names pades for a given pod Scale given Scale given Scale given Scale given Kubernetes supports multiple virtual
e_name} kubectl proxy	resource clusters are called namespaces. nodes Proxy the Nodes are the physical cluster nodes.
	persiAPlda yev6 lum ecl A PersistentVolumeClaim (PVC) aims local a request for storage by a user.
<pre>kubectl port-f orward {pod_name} {local _po rt} :{r em _ port}</pre>	machine on persis ten two lumes port 8001 A PersistentVolume (PV) is a pie of storage in the cluster that has been provisioned by an administ pod port to ator.
Creating /editing objects	your local port A Pod is the basic building block Kubernetes—the smallest and simplest unit in the Kubernetes object model that you create or
	deploy. replic asets A ReplicaSet ensures that a specified number of pod replicas are running at any one time.
	cronjob A Cron Job manages time based Jobs.
	Secrets Objects of type secret are intend to hold sensitive information.
	A Kubamataa Camiaa ia an abati

services

A Kubernetes Service is an abstraction which defines a logical set of Pods and a policy by which to

access them.

<pre>kubectl apply -f ./my-m ani fes t.yaml</pre>	Apply a configuration to a resource by filename or stdin. Also overrides the existing configuration.
<pre>kubectl create -f ./my-m ani fes t.yaml</pre>	Create resource(s)
<pre>kubectl create -f ./dir</pre>	Create resource(s) in all manifest files in dir
<pre>kubectl create -f https: //g it.i o/ vP ieo`</pre>	Create from url
kubectl run nginximag e=nginx	Start a single instance of nginx
<pre>kubectl replaceforce -f ./pod.json</pre>	Force replace, delete and then re- create the resource. Will cause a service outage.
kubectl edit svc/do cke r-r egistry	Edit the service named docker-re- gistry

Resource types

configmaps

ConfigMaps allow you to decouple configuration artifacts from image content to keep containerized applications portable.

daemonsets

A DaemonSet ensures that all (or some) Nodes run a copy of a Pod.



By **[deleted]** cheatography.com/deleted-44122/ Published 9th October, 2017. Last updated 10th October, 2017. Page 1 of 2. Sponsored by **Readable.com**Measure your website readability!
https://readable.com