03 Minikube & Kubectl

Minikube is a 1 node cluster, where the master node and the worker processes are on one node (makes testing locally feasible). This node would have a container runtime installed and the way it is run is using a virtual machines, virtual-box or other hypervisor.

Kubectl (command line tool for kubernetes cluster) is used to interact with the cluster.

There are 3 ways to talk to the api server of the master process - ui, api, cli(kubectl, the most powerful of the 3 clients)

Start a Cluster

```
minikube start --vm-driver=hyperkit
```

!Minikube is used for start up/deleting the cluster

!kubectl cli is used for configuring minikube cluster

Deployment manages a ..
Replicaset manages a ..
Pod manages a ..
Container