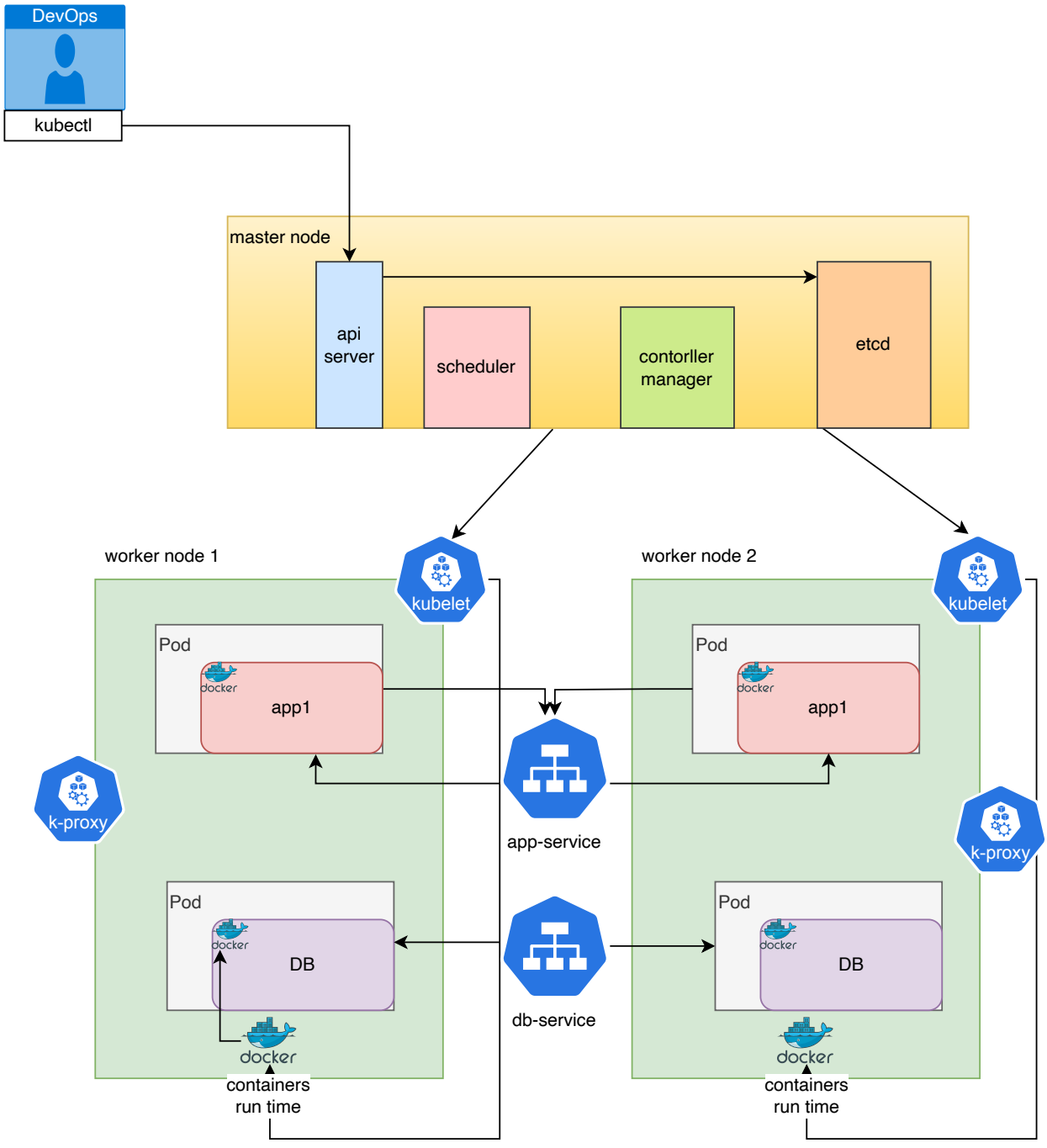
kubernetes

k8s



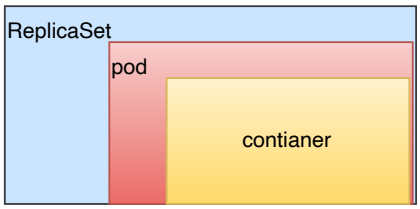
pods and deployments

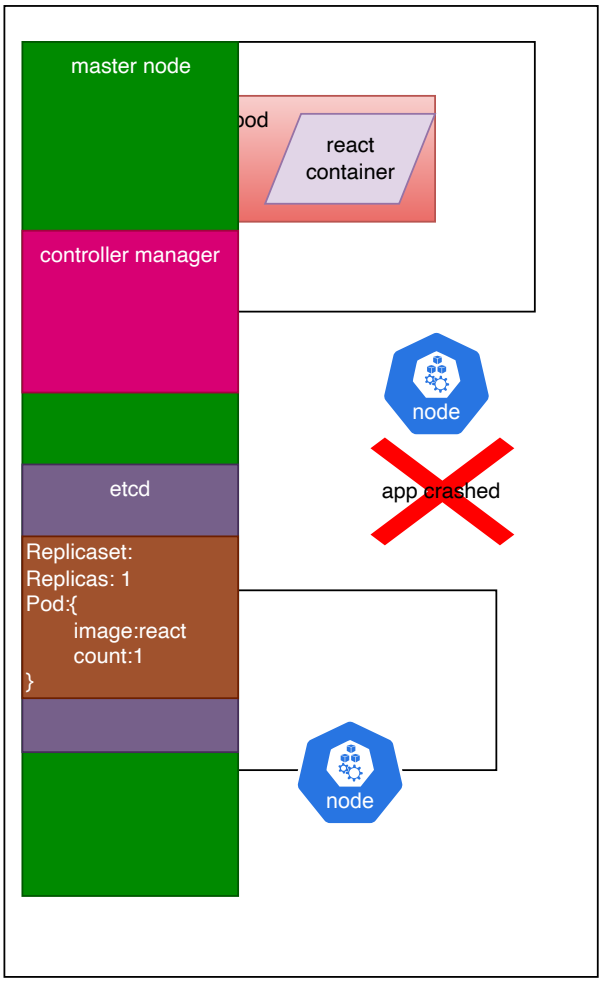
how to do things

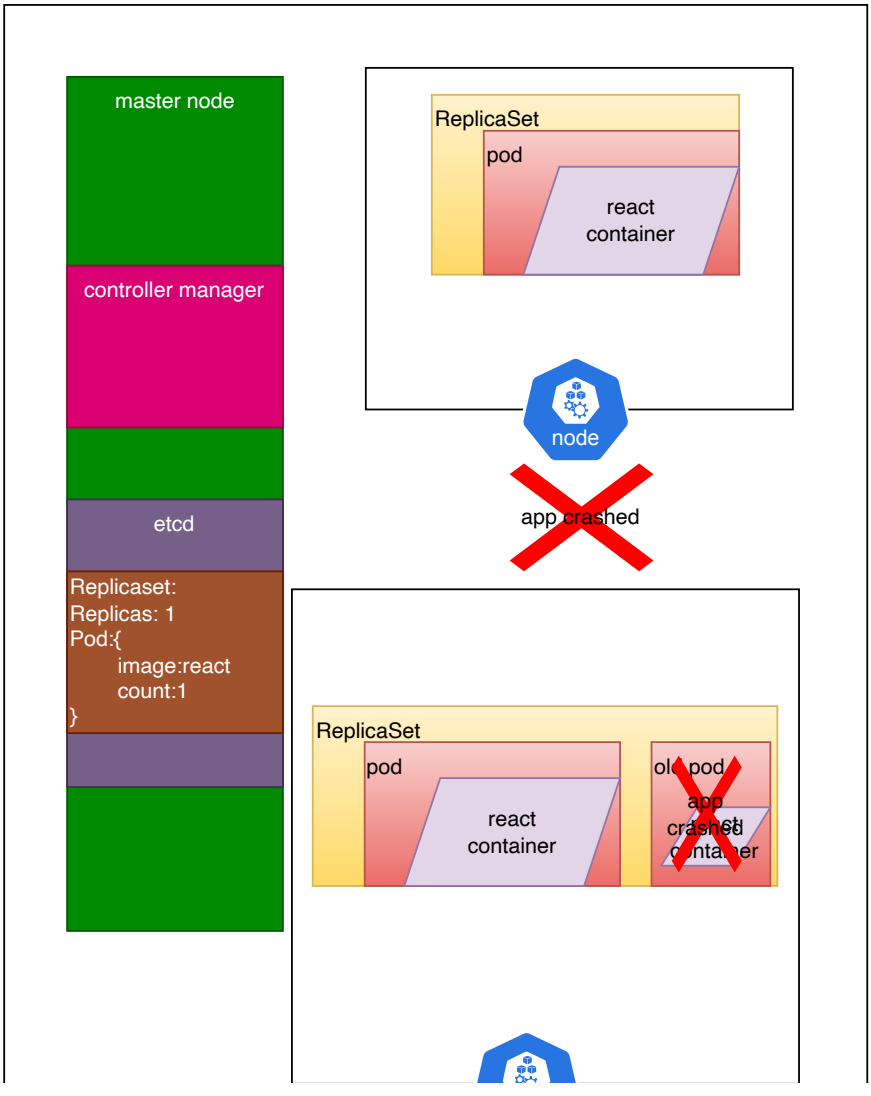
what we need

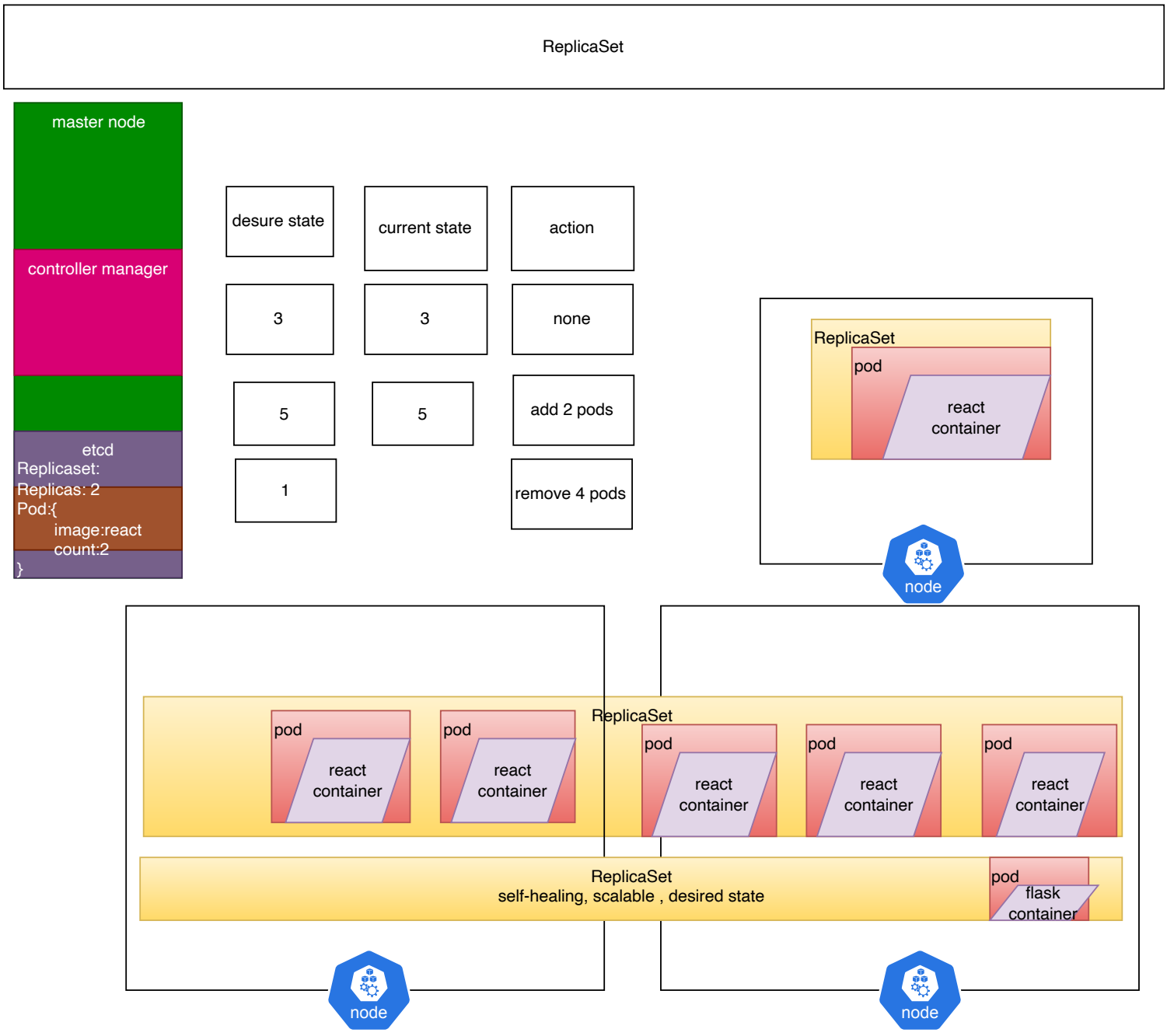
```
x = input()
y = input()
print(x+y)
```

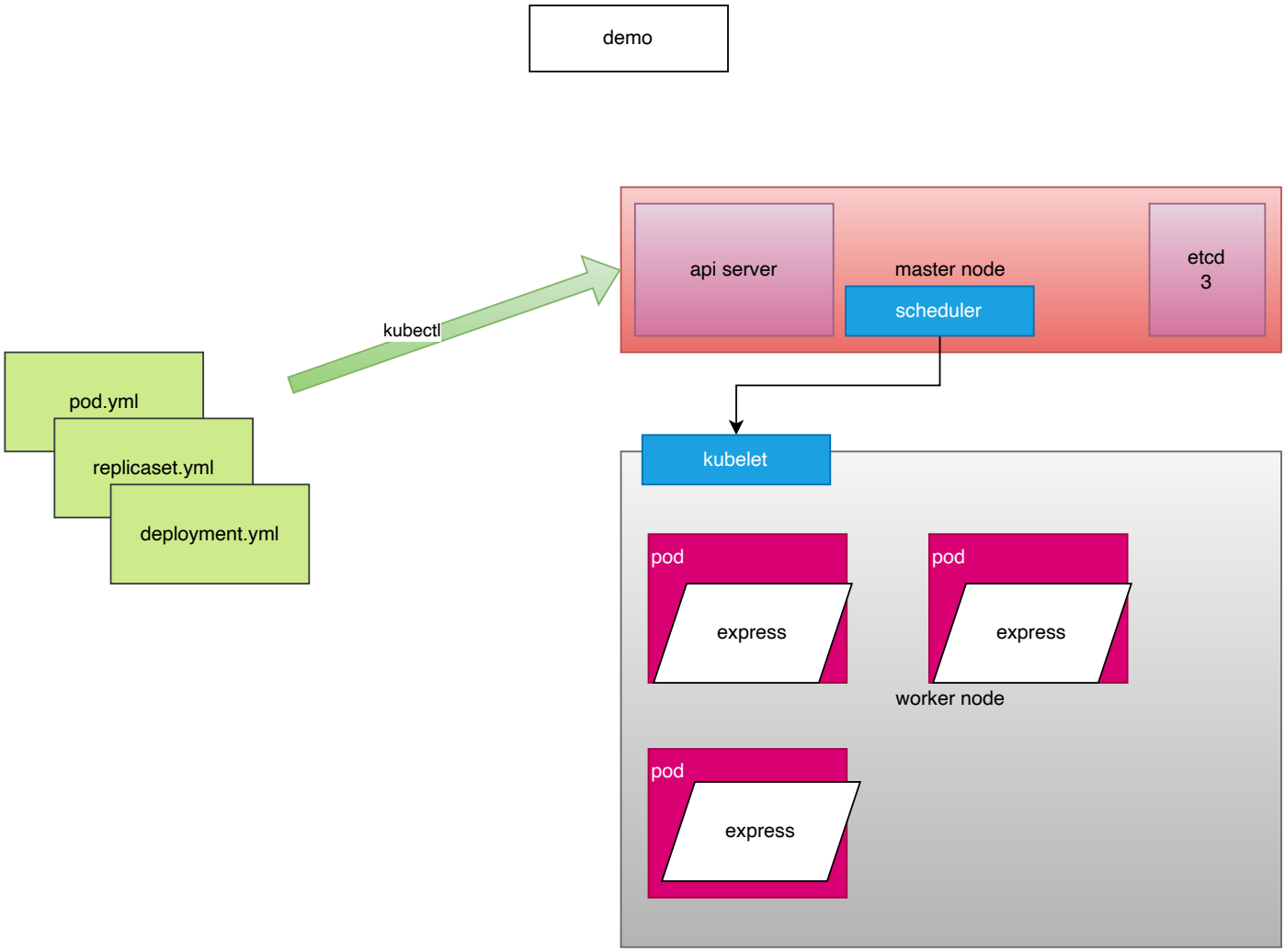
build a simple python app to add 2 numbers

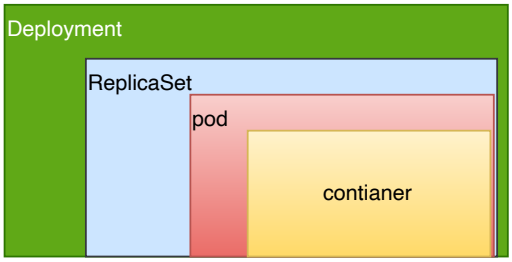


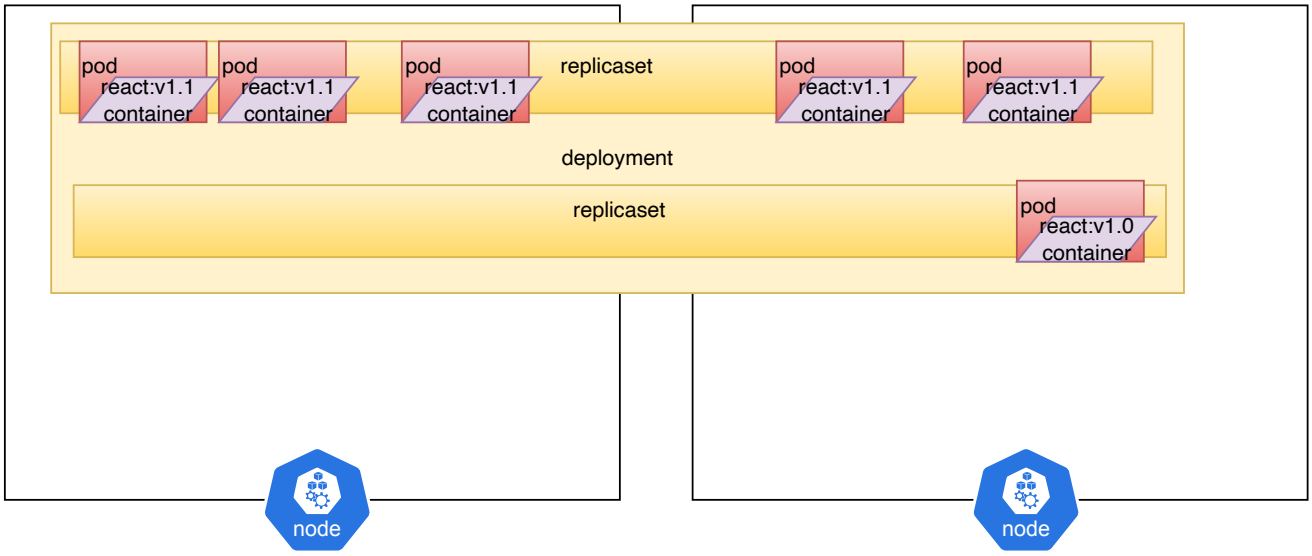





node
ReplicaSet
master node
controller manager
etcd
Replicaset:
Replicas: 2
Pod:{
image:react
count:2
}
desure state
current state
action
3
3
none
5
5
add 2 pods
1
remove 4 pods
ReplicaSet
pod
react container
node
ReplicaSet
pod
react container
pod
react container
pod
react container
pod
react container
pod
react container
ReplicaSet
self-healing, scalable , desired state
pod
flask container
node
node


demo
api server
master node
scheduler
etcd
3
kubectl
pod.yml
replicaset.yml
deployment.yml
kubelet
pod
express
pod
express
worker node
pod
express


Deployment
ReplicaSet
pod
contianer


pod
react:v1.1
container
pod
react:v1.1
container
pod
react:v1.1
container
replicaset
pod
react:v1.1
container
pod
react:v1.1
container
deployment
replicaset
pod
react:v1.0
container
node
node