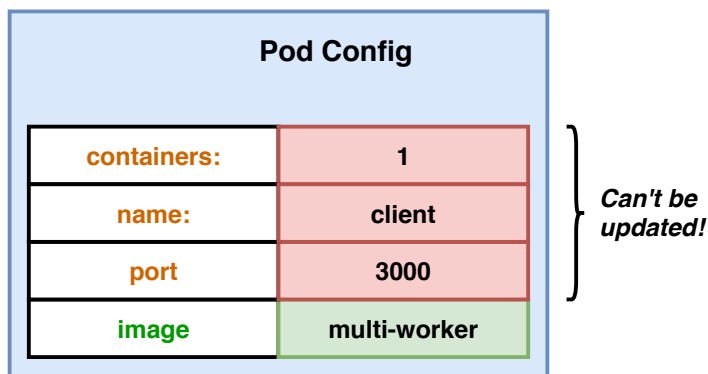
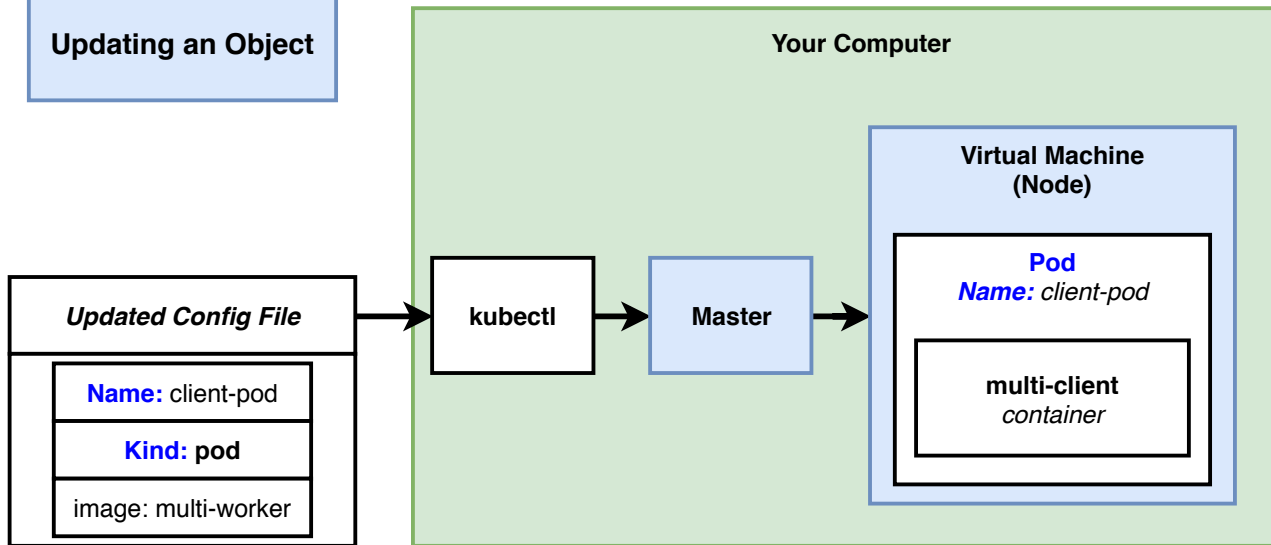
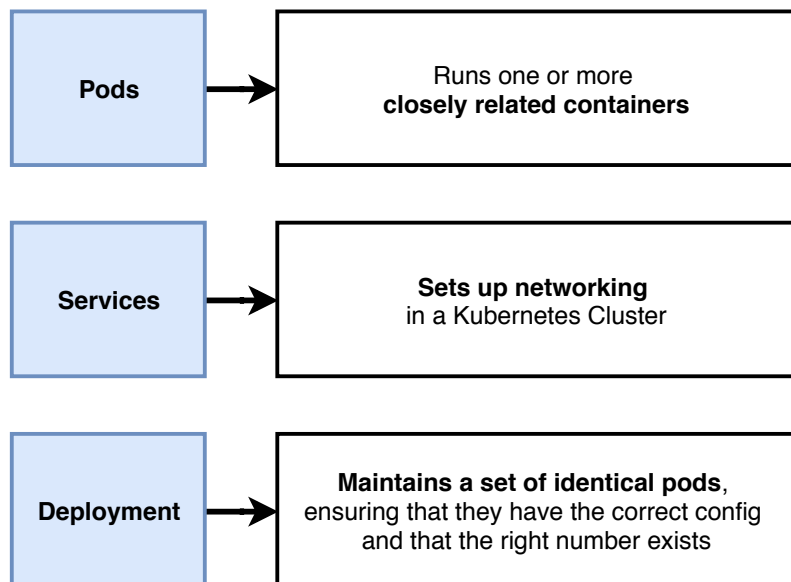


## Updating & Deployments on kubernetes

### Updating an Object

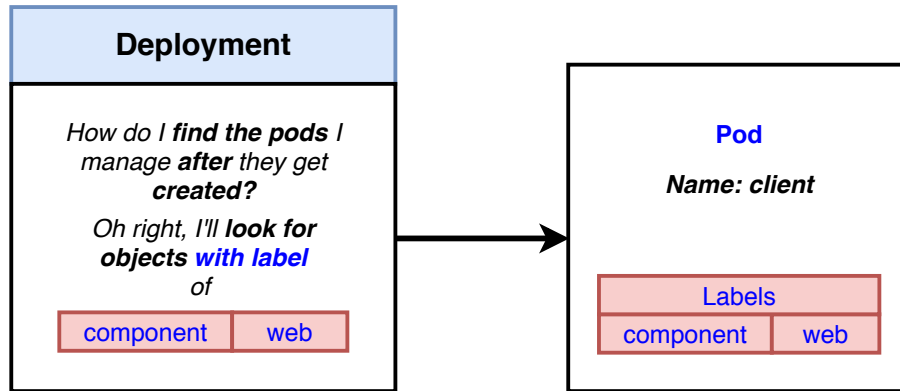


### Object Types



Pods
Runs <b>a single set of</b> containers
Good for one-off <b>dev purposes</b>
Rarely used directly in production

Deployment
Runs <b>a set of</b> identical pods (one or more)
Monitors the state of each pod, updating as necessary
<b>Good for dev</b>
<b>Good for production</b>



### client-deployment.yaml

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: client-deployment
spec:
  replicas: 1
  selector:
    matchLabels:
      component: web
  template:
    metadata:
      labels:
        component: web
    spec:
      containers:
        - name: client
          image: jsmile/multi-client
          ports:
            - containerPort: 3000
```