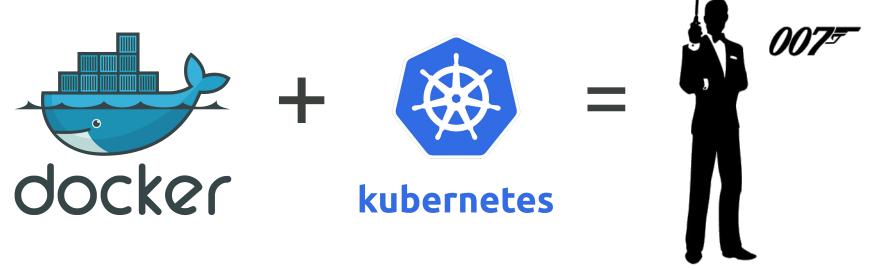
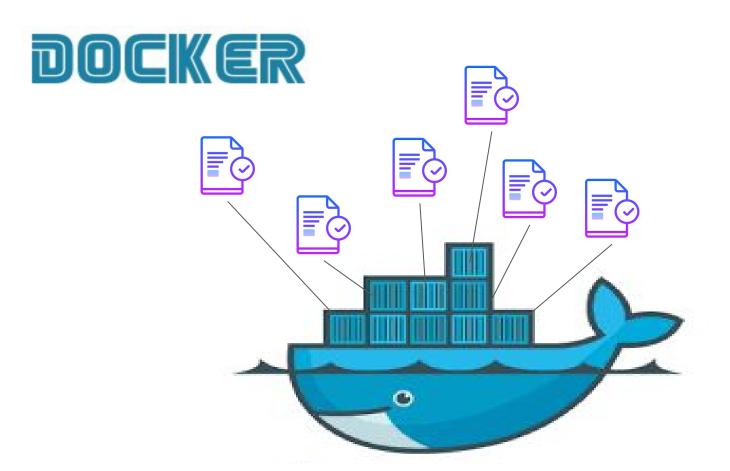
#### EL CONTAINER NUNCA MUERE



#### **Carles Aragón**

@AragonCarles c.aragon@nayarsystems.com





# Dockerfile 1 FROM ubuntu: 15.04 2 COPY . /app 3 RUN make /app 4 CMD python /app/app.py

```
$ docker build -t hackathon/app -f Dockerfile .
```

\$ docker run -dit --name myApp hackathon/app



#### Network







**SMTP** 

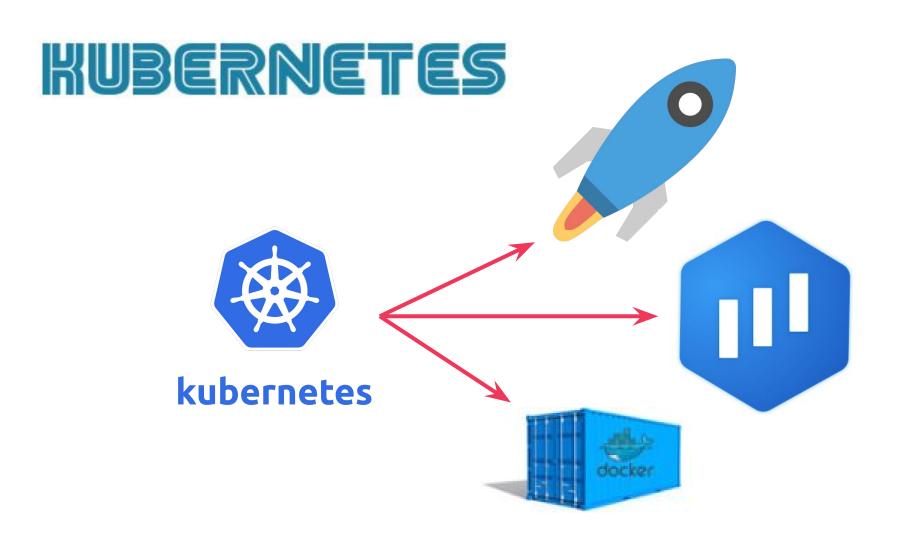


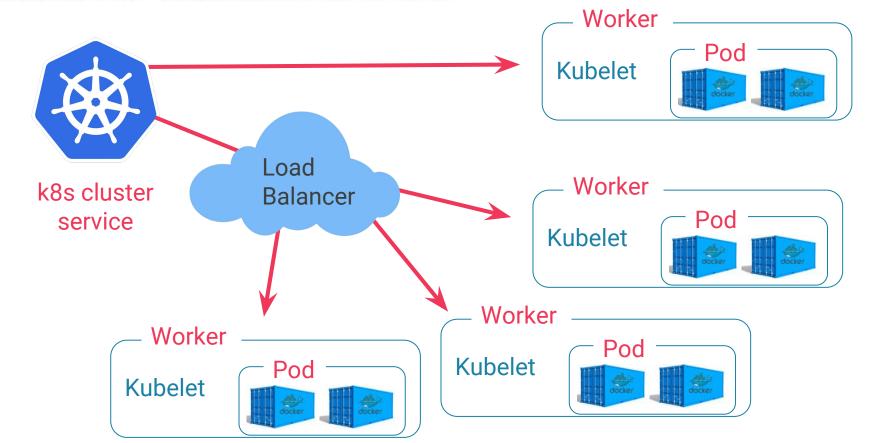
Website





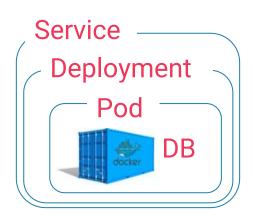














Persistent storage



Secrets









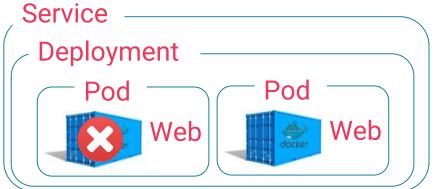


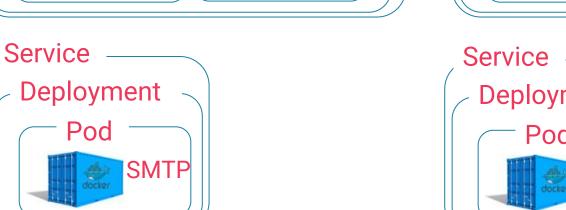
Persistent storage



Secrets





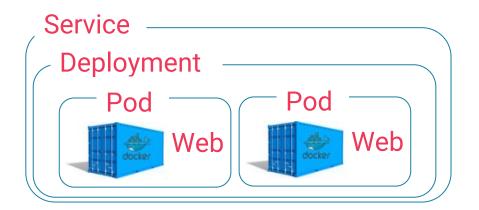












Service

**Deployment** 

Pod

**SMTP** 









```
services.yaml •
    apiVersion: v1
    kind: Service
    metadata:
      name: app
      namespace: development
    spec:
      ports:
         - port: 2222
           targetPort: 2222
      externalIPs:
         - "22, 22, 22, 22"
       selector:
         app: app
         env: development
```

```
deployments.yaml
    apiversion: extensions/v1beta1
    kind: Deployment
    metadata:
      name: app
      namespace: development
    spec:
      replicas: 1
       template:
        metadata:
          labels:
            app: app
            env: development
          containers:
           - name: app
            image: hackathon/app
            ports:
             - containerPort: 2222
```

# MUCHAS GRACIAS