Kubernetes Deployments



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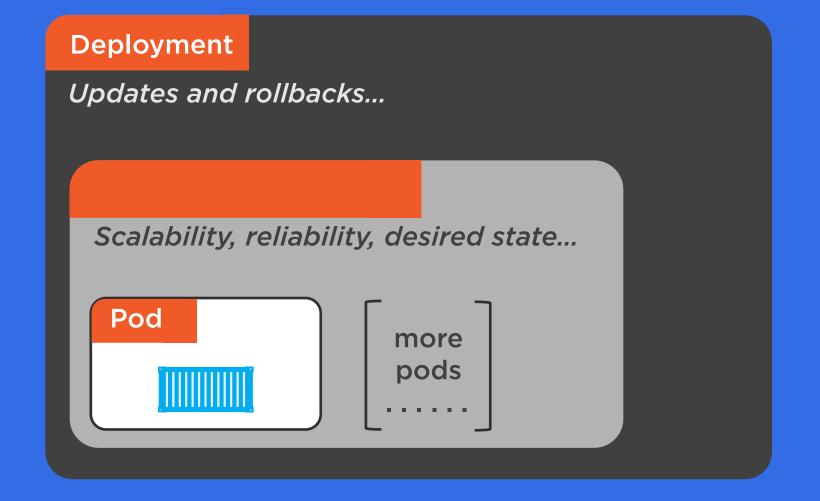
@nigelpoulton www.nigelpoulton.com



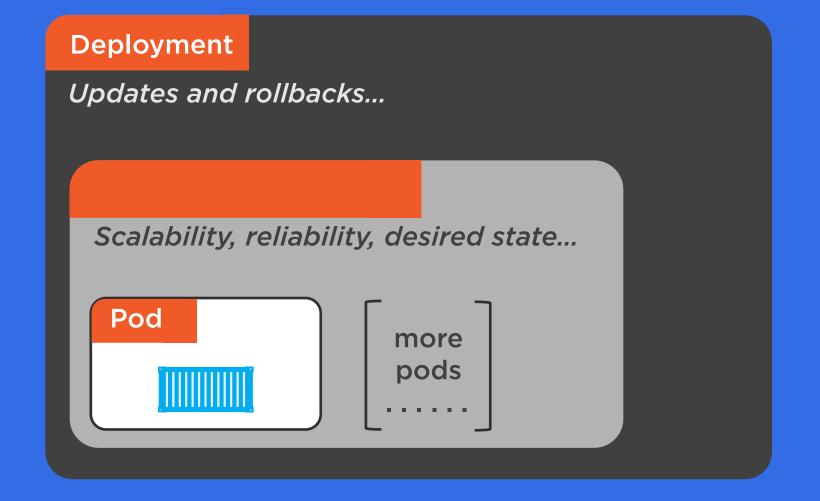


- The theory of Deployments
- Create a new Deployment
- Update a Deployment
 - Rolling update and a rollback
- Recap

Updates & Rollbacks

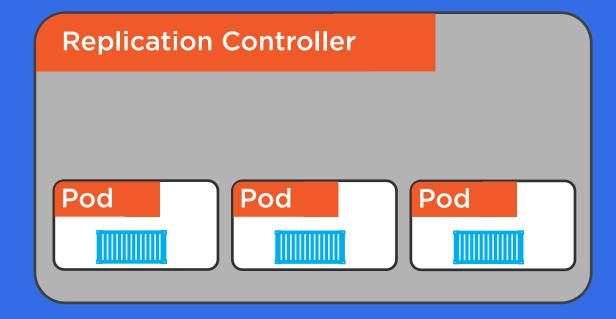


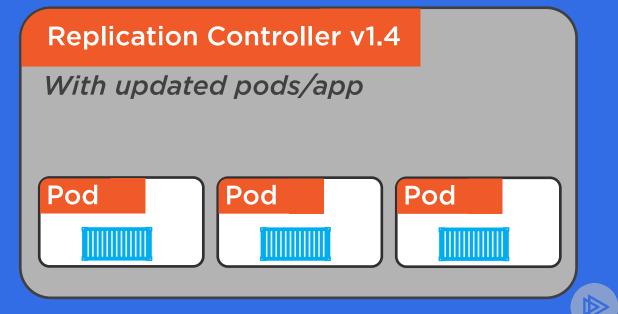






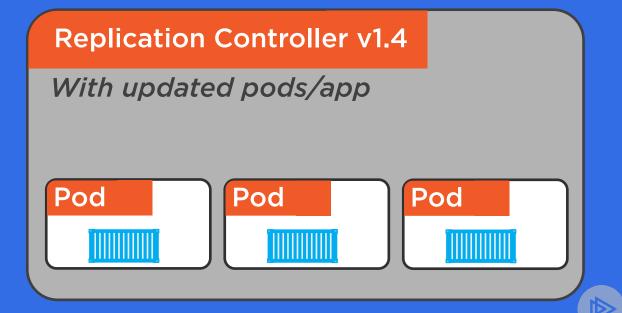
\$ kubectl rolling-update -f updated-rc.yml ...





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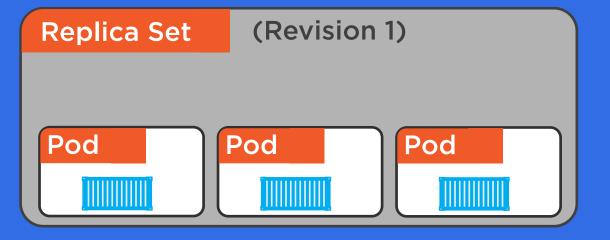
Replication Controller



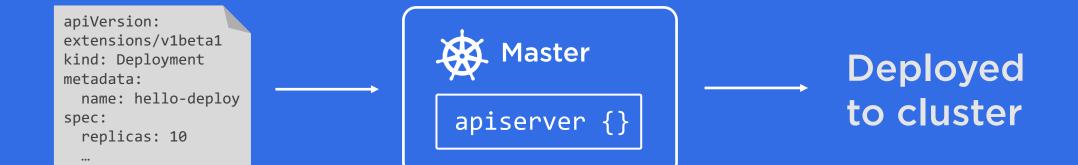


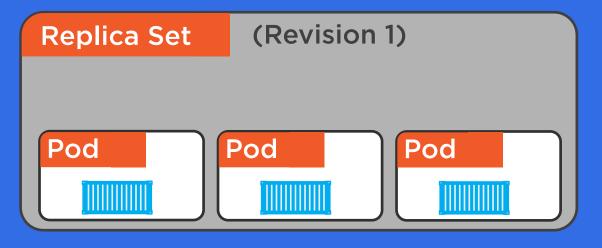


Deployed to cluster



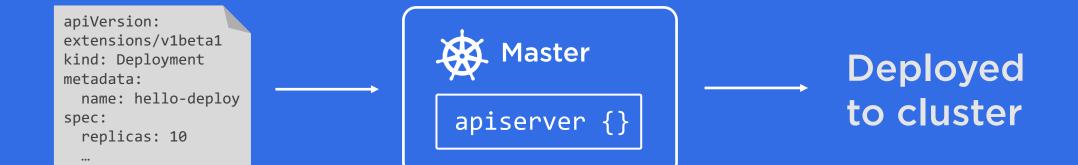


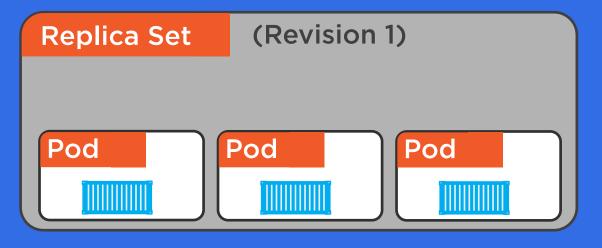








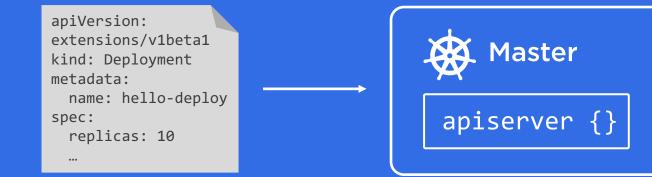




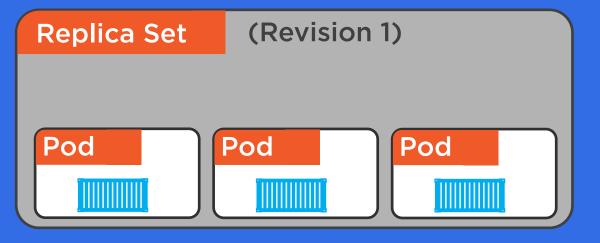


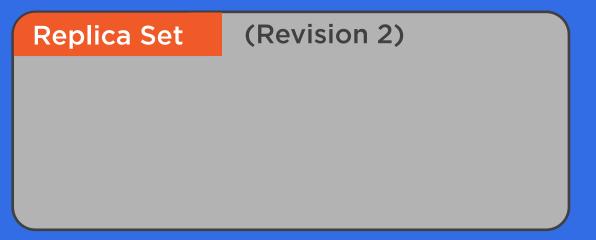


Updates & Rollbacks



Deployed to cluster







Coming Up....

Creating our first Deployment



Kubernetes Deployments Summary

Deployments are the future!

Updates & Rollbacks

\$ kubectl run ...
(iterative)

Be Declarative!

\$ kubectl create -f <manifest>

Check in to source control

Make changes to **same** file

Apply change with \$ kubectl apply ...



Coming up... What Next!!!