

Red Hat OpenShift Intro Workshop



What We're Talking About

- 1. OpenShift Overview
- 2. Your Perspective
- 3. Your Goals
- 4. OpenShift Technical Deep Dive: intro to everything
- 5. Hands-On with OpenShift:
 - a. Polyglot web app
 - b. Multiple build types
 - c. Databases
- 6. Options for further learning





> WHAT I WANT TO LEARN

> FUN FACT (OPTIONAL)



Agenda

- 1. Introductions & Logistics
- 2. background Team
- 3. OpenShift Technical Overview with Q&A Josh & Laine
- 4. Workshop Logistics and Q&A Josh & Laine
 - a. Environment email link!
 - b. Expectations
 - c. Layout
 - d. Style
- 5. Workshop, Labs and Q&A
- 6. Q&A



What We're Not Talking About Today

We're focusing on the basics today, but there's so much more...

- 1. Container Security deep dive
- 2. Automation outside of container platforms
- 3. How to: digital transformation
- 4. The power of community, open source and Red Hat's role in it
- 5. IT process change, developer enablement, and solving IT pain



Other Workshops:

- 1. Cloud native tech: serveless, Quarkus, container-native dev
- 2. Monolith management



Next Learning Steps For You

Free 7 Day Red Hat Learning Subscription: https://redhat.com/rhtapps/services/rhlsfree/

Free online training:

Fundamentals of Containers, Kubernetes, and Red Hat OpenShift https://www.edx.org/course/fundamentals-containers-kubernetes-red-red-hat-do081x

DO040 Developing Red Hat Agile Integration Technical Overview https://www.redhat.com/en/services/training/do040-red-hat-agile-integration-technical-overview

DO080 Deploying Containerized Applications Technical Overview https://www.redhat.com/en/services/training/do080-deploying-containerized-applications-technical-overview

DO092 Developing Cloud-Native Applications with Microservices Architectures https://www.redhat.com/en/services/training/do092-developing-cloud-native-applications-microservices-architectures

Online training: http://learn.openshift.com/

eBooks:

https://www.openshift.com/for-developers/ https://developers.redhat.com/books/introducing-istio-service-mesh-microservices



Eaton Perspective







Eaton Perspective

- 1. Where do you see yourself now?
- 2. What advantages do you see in containers, Kubernetes, modern application development patterns?





Eaton End State

- 1. Where do you want to be?
- 2. What's your timeline?
- 3. Discussion

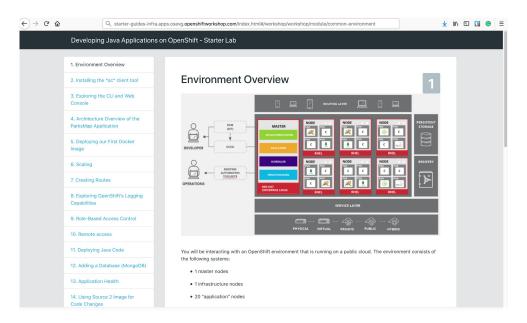


Lab Info



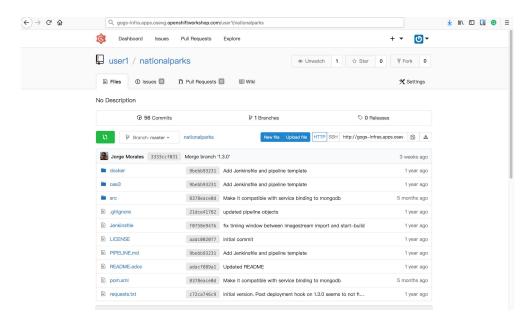


Provisioned Tools: Workshop Guide



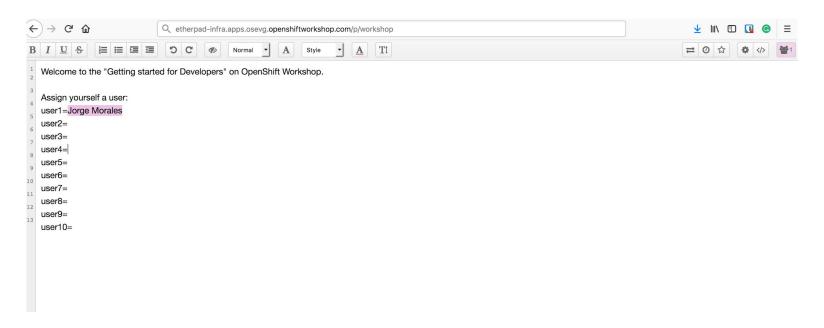


Git Server



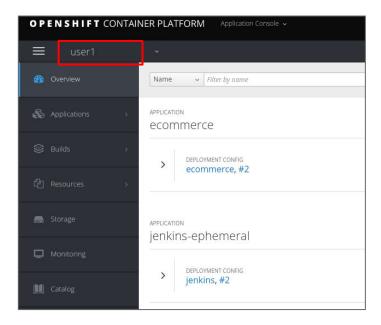


Etherpad for user assignment





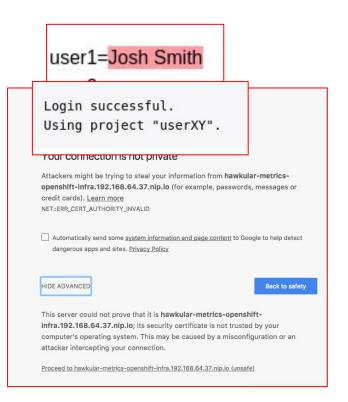
Project for every user





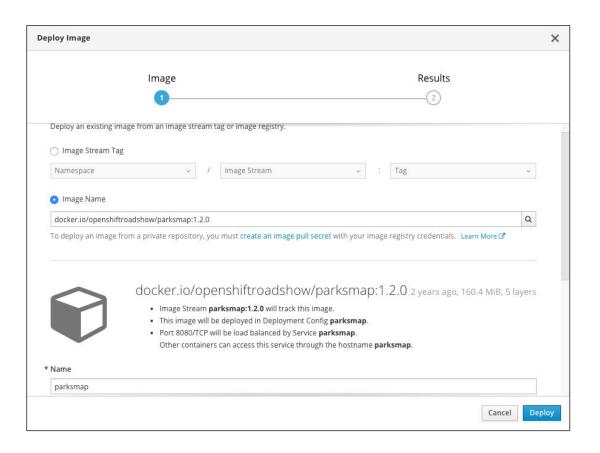
Gotchas

- 1. Preassigned usernames
- 2. "UserXY"
- 3. Certificates





The Big Gotcha





Be Interactive!

- Questions?
- Stuck?
- Cool technology!



Useful Links

Getting Started:

http://starter-guides-java-wkshp-infra.apps.lansing-fab2.openshiftworkshop.com/workshop/workshop/lab/common-explore

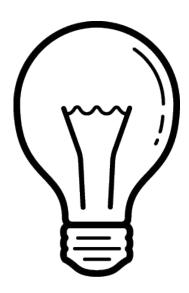
Gogs Git Server: http://bit.ly/karind-june-git

Web Terminal Server: http://bit.ly/karind-june-terminal

Workshop Links: http://bit.ly/karind-june-links

OpenShift cheatsheet:

https://developers.redhat.com/cheat-sheets/red-hat-openshift-container-platform/





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Workshop Retirement

Expires
02/01/20