

Starter Labs (Python).

Terminal

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WORKSHOP MODULES

Workshop Summary.

Environment Overview

Using Homeroom

Architecture Overview of the ParksMap Application

Exploring the CLI and Web Console

Deploying Your First Container Image

Scaling and Self Healing

Exposing Your Application to the Outside World

Exploring OpenShift's Logging Capabilities

Role-Based Access Control

Remote Access to Your Application

Deploying Python Code

Adding a Database (MongoDB).

Application Health

Automate Build and Deployment with Pipelines

Automation for Your Application on Code Changes

Further Resources

Workshop Links

Workshop Summary

This workshop is intended to give you a hands on introduction to using OpenShift from the perspective of a developer.

Topics which this workshop will cover include:

Using the OpenShift command line client and web console.

Deploying an application using a pre-existing container image.

Working with application labels to identify component parts.

Scaling up your application in order to handle web traffic.

Exposing your application to users outside of the cluster.

Viewing and working with logs generated by your application.

Accessing your application container and interacting with it.

Giving access to other users to collaborate on your application.

Deploying an application from source code in a Git repository.

Deploying a database from the OpenShift service catalog.

Configuring an application so it can access a database.

Setting up web hooks to enable automated application builds.

Additional topics may also be covered relevant to the specific programming language used by the applications being deployed.

Environment Overview

https://lab-getting-started-python-labs.apps.rosa-7s42b.rfax.p1.openshiftapps.com/user/user4/dashboard/

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