Finding, running, building, sharing, and deploying containers
Podman, Red Hat Universal Base Image and beyond

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The Journey

Single Node

Traditional Development

FIND  RUN  BUILD
The Journey

Single Node+

Traditional Development

FIND  RUN  BUILD  SHARE
The Journey

Multi Node

Traditional Development

Cloud Native

FIND  RUN  BUILD  SHARE  INTEGRATE  DEPLOY
The Journey
Can start anywhere

Traditional Development

Cloud Native

FIND
RUN
BUILD

SHARE
INTEGRATE
DEPLOY

RHEL (Podman/Buildah/Skopeo)
Quay
OpenShift (Kubernetes)
The Lab Environment

Cloud native development
Bonus Lab Environment
Cloud Native Development

Red Hat Container Catalog (ro)
- Red Hat Universal Base Image

Red Hat Quay.io (rw)
- New Layer
  - Red Hat Universal Base Image

Azure Pipelines
- Building Layer
  - Red Hat Universal Base Image

Container hosts can consume from anywhere
Mapping Use Cases to Technology

**Find/Run/Build**
Podman, Red Hat Universal Base Image, Red Hat Container Catalog

**Share**
Quay.io, Quay Enterprise

**Deploy**
OpenShift, CodeReady Containers (CRC)
More Information

Links
- http://access.redhat.com/containers
- https://developers.redhat.com/blog/2016/03/31/no-cost-rhel-developer-subscription-now-available/
- https://developers.redhat.com/products/codeready-containers
- https://github.com/fatherlinux/find-run-build-share-deploy
Thank you

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