MSA Day Atlanta 2020

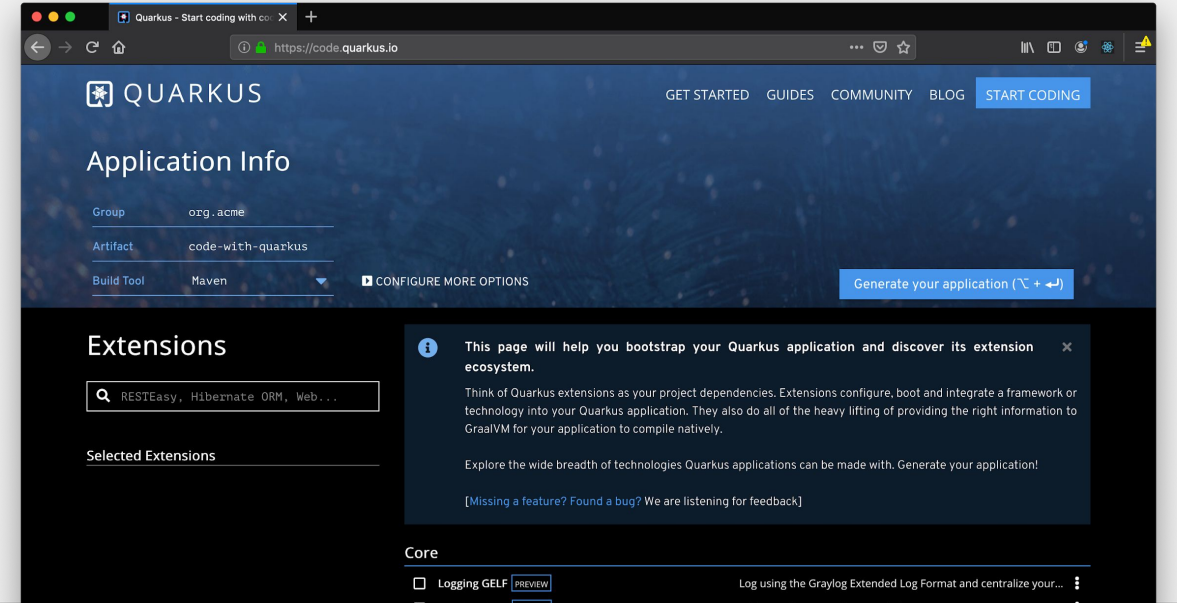
Supersonic, Subatomic, Kubernetes Native Java

Red Hat

But first Maven

Quarkus Maven Plugin

https://code.quarkus.io/



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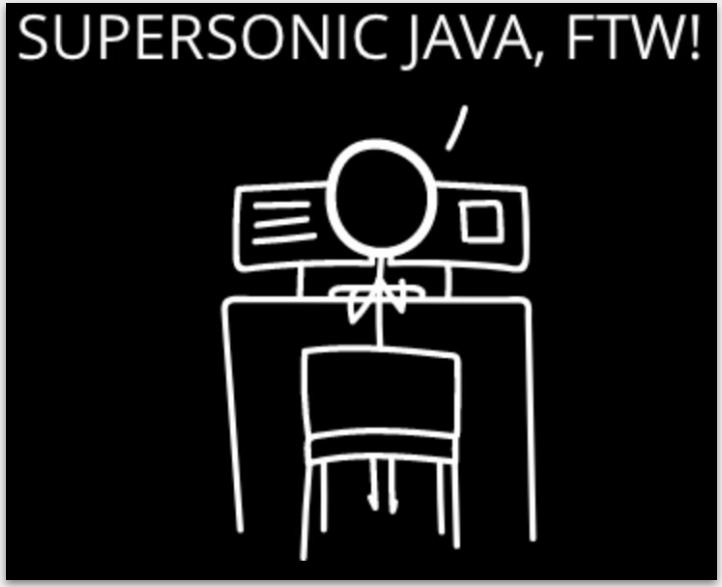
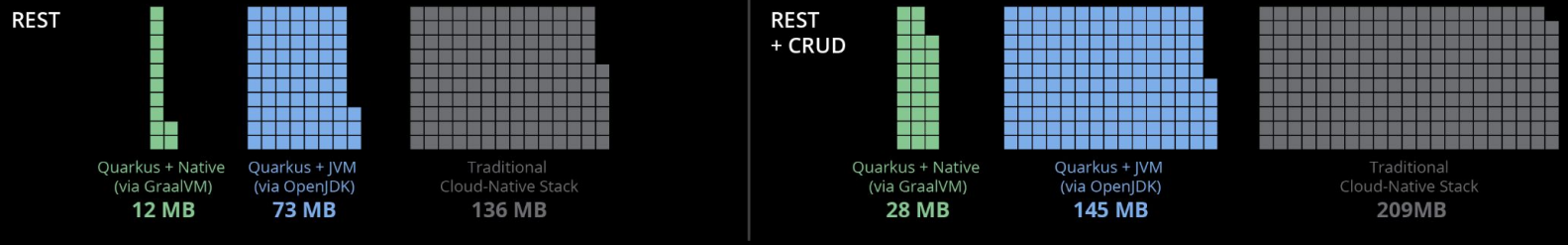
Developer Joy

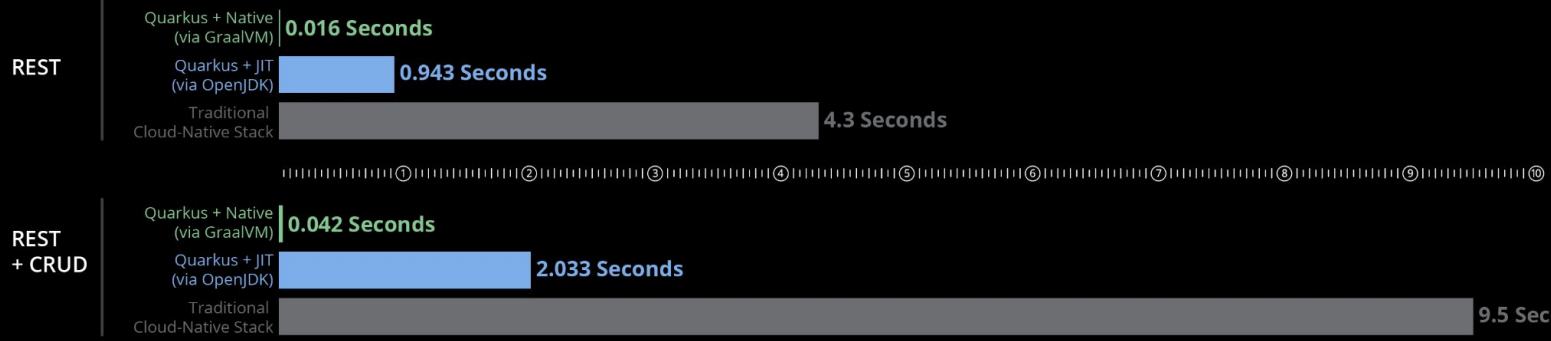


Memory (RSS) in Megabytes*

*Tested on a single-core machine



BOOT + First Response Time



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GraalVM™

High performance

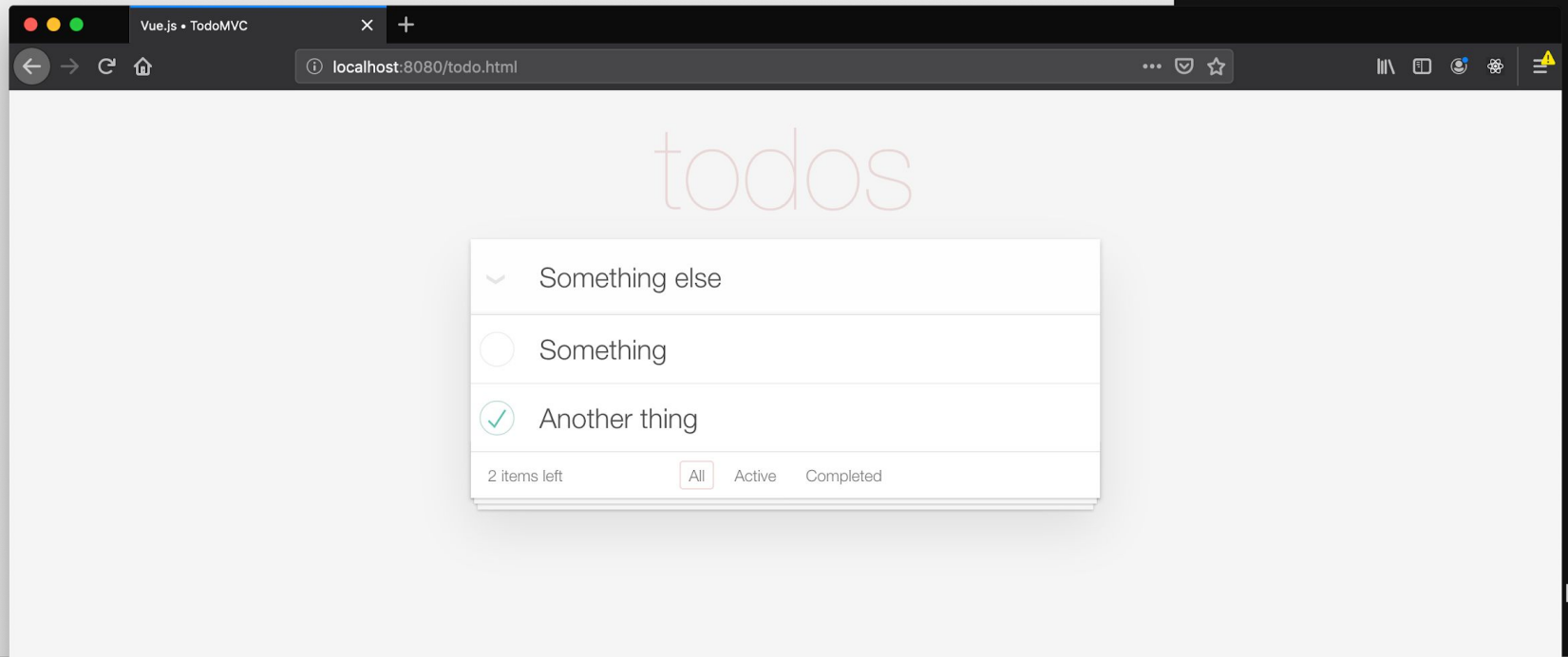
Polyglot

Native

Embeddable

Something Todo

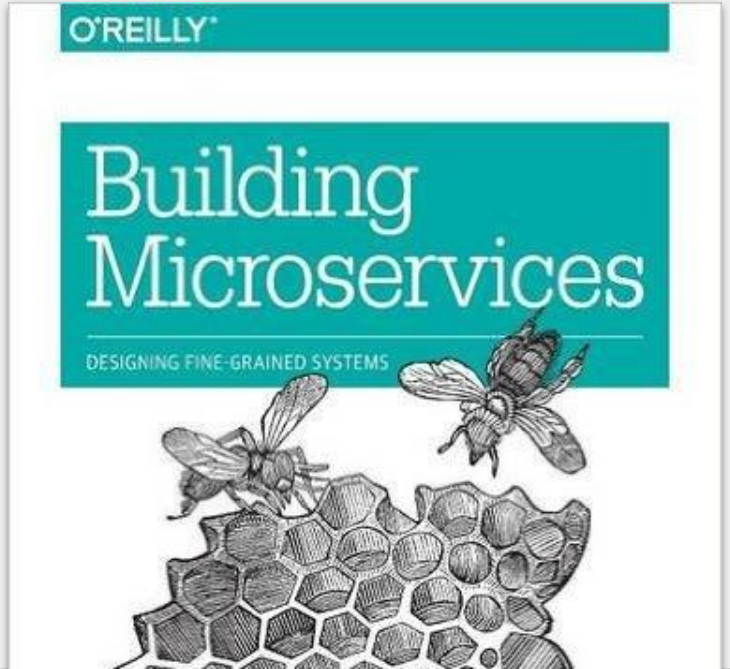
REST API



Hat

Sam Newman's really excellent book

Microservices



Why you should use OpenShift for your Microservices applications

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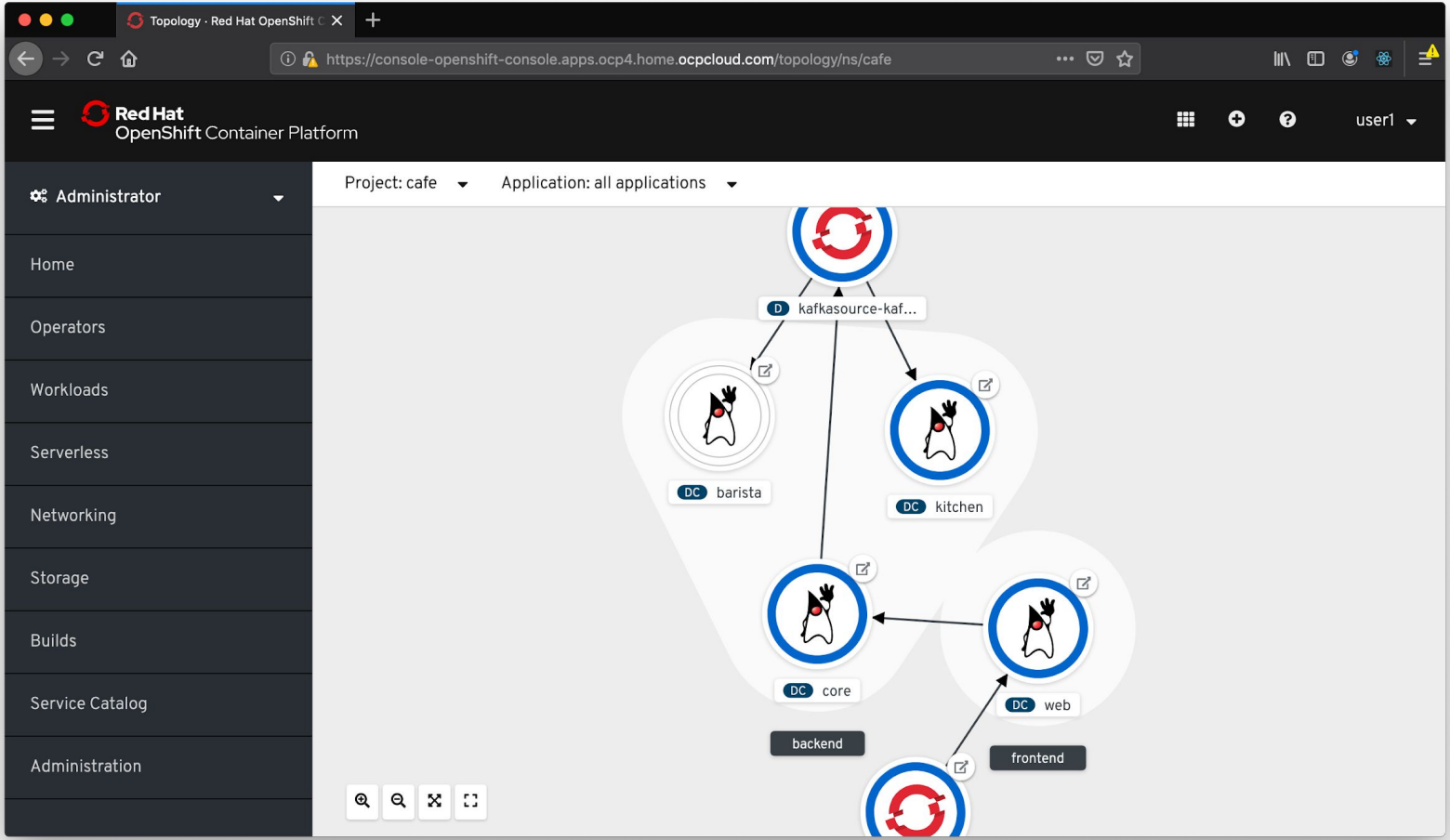
Topology · Red Hat OpenShift
https://console-openshift-console.apps.ocp4.home.ocpcloud.com/topology/ns/cafe
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OpenShift Container Platform
user1
Administrator
Home
Operators
Workloads
Serverless
Networking
Storage
Builds
Service Catalog
Administration
Project: cafe
Application: all applications
D kafkasource-kaf...
DC barista
DC kitchen
DC core
DC web
backend
frontend

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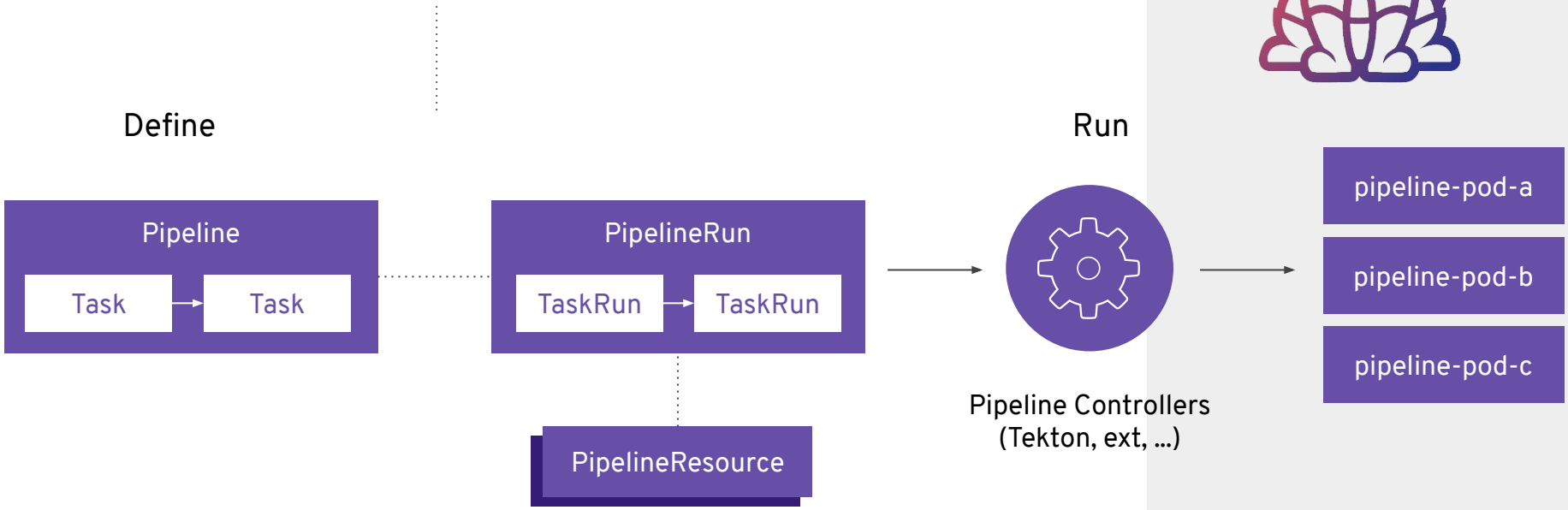
aka Tekton

OpenShift Pipelines



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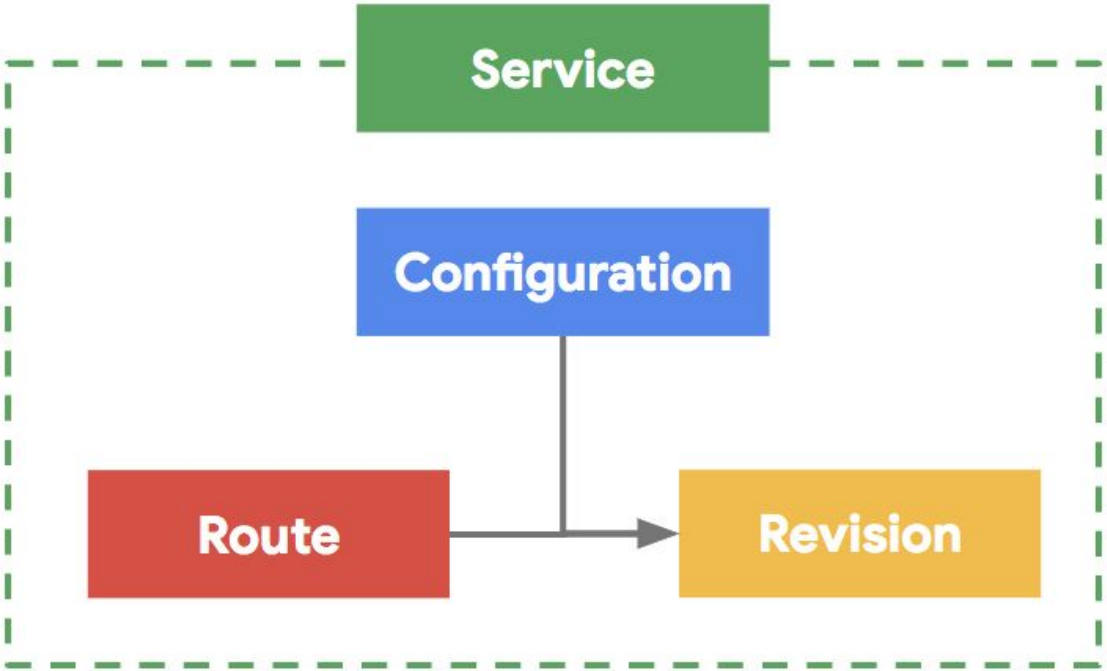
Knative Serving



Service
combined lite version of the objects below to enable simple use cases

Configuration
the desired state for your service, both code and configuration

Revision
an immutable point-in-time snapshot of code and configuration

Route
assigns traffic to a revision or revisions of your service

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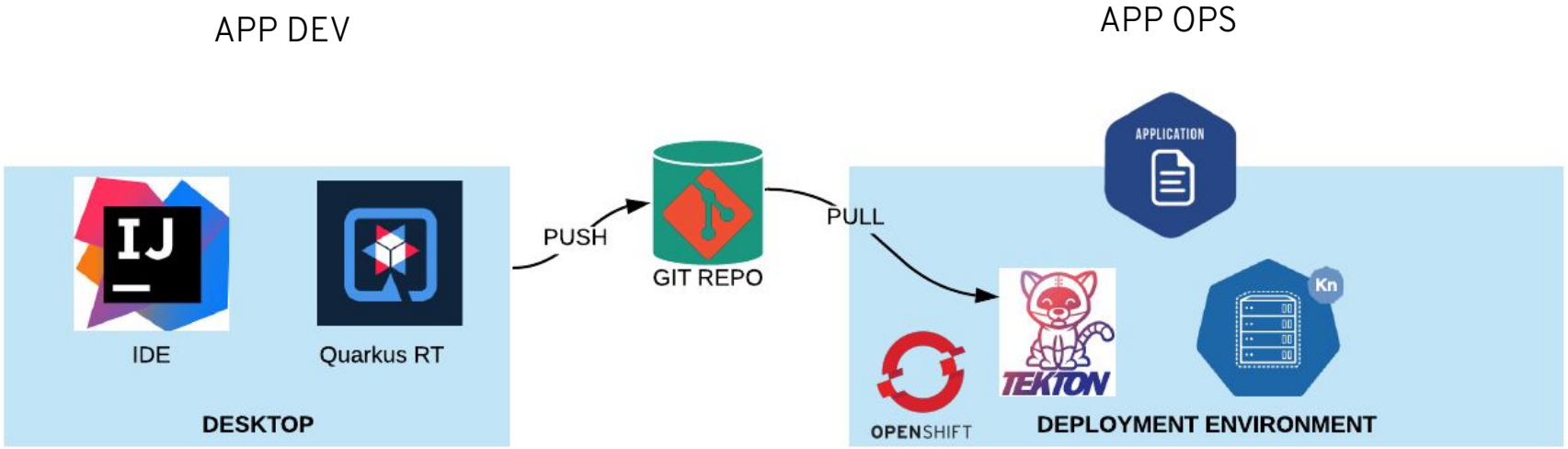
Demo


APP DEV
APP OPS
IJ
IDE
Quarkus RT
DESKTOP
PUSH
GIT REPO
PULL
APPLICATION
TEKTON
Kn
OPENSHIFT
DEPLOYMENT ENVIRONMENT

Red Hat

Thank You!

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https://blog.openshift.com/author/veermuchandi/