



MONOLITHS TO MICROSERVICES: APP TRANSFORMATION

Hands-on Technical Workshop

Thomas Qvarnström
Sr. Technical Marketing
Manager
Middleware BU

James Falkner
Sr. Technical Marketing
Manager
Middleware BU

AGENDA

8:30AM–8:45AM

WELCOME

8:45AM–9:45AM

MOVING EXISTING APPS TO THE CLOUD

9:45AM–10:45AM

DEVELOPER INTRO TO OPENSIFT

10:45AM–11:00AM

BREAK

11:00AM–12:00PM

MONOLITHS TO MICROSERVICES PART 1

12:00PM–12:30PM

LUNCH

12:30PM–1:30PM

MONOLITHS TO MICROSERVICES PART 2

1:30PM–3:00PM

REACTIVE MICROSERVICES WITH ECLIPSE VERT.X

3:00PM–3:15PM

BREAK

3:15PM–4:45PM

PREVENT AND DETECT DISTRIBUTED APP ISSUES

4:45PM–5:15PM

API-LED MODERNIZATION

5:15PM–5:30PM

WRAP-UP AND CLOSING REMARKS

LOGISTICS

- Breaks, Bathrooms, Lunch, Getting Help, etc.

WHAT YOU WILL LEARN

- Industry trends around enterprise application development
- Red Hat's approach to application modernization
- How to discuss migration and modernization with your customers or managers
- Migrating an existing legacy Java™ EE app to [Red Hat JBoss Enterprise Application Platform](#) on [OpenShift](#).
- Using modern frameworks like [Spring Boot](#), [Wildfly Swarm](#), [Eclipse Vert.x](#), and [Node.js](#) to implement cloud native microservices and replace monolithic functionality.
- Developing and deploying using [Red Hat OpenShift Container Platform](#), [Red Hat OpenShift Application Runtimes](#), and DevOps processes.
- The benefits and challenges with microservices, including use cases for reactive microservices.
- Preventing and detecting issues in a distributed system.
- API gateways and microservices

PREREQUISITES

- Laptop with recent browser:
 - Chrome, Firefox, Internet Explorer/Edge 10+, or Safari 9+ installed
- Are a Java developer, architect, or developer team lead interested in learning more about the latest technologies for modern application development
- Working knowledge of Java programming
- Familiarity with Linux container technology and concepts



THANK YOU



plus.google.com/+RedHat



facebook.com/redhatinc



linkedin.com/company/red-hat



twitter.com/RedHatNews



youtube.com/user/RedHatVideos