Accelerate DevOps for Cloud Native Application on Kubernetes with Open Source Tools

Visual Studio Code + Extensions
Bio

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TODO App on Cloud

- [link]https://github.com/Microsoft/todo-app-java-on-azure
- Java App Using Spring Boot
- Run in Containers
Overview

• Visual Studio Code Extensions:
  – Docker
  – Kubernetes
Agenda

• Docker
  – Containerization – Add Dockerfile to your project
  – Images – Build, Run & Manage Images

• Kubernetes
  – Orchestration - Authoring K8S Manifest Files
  – Deployment - Apply Manifest Files to K8S Clusters
  – Maintenance - Explore K8S Cluster Resources
  – Troubleshooting - Inspect K8S Resources
Join The Project

- https://github.com/microsoft/vscode-docker
Try Java Extensions

- Java Language Support by Red Hat
- Debugger for Java
- Maven for Java
- Java Test Runner
Also Join The Projects

• https://github.com/redhat-developer/vscode-java
• https://github.com/Microsoft/vscode-java-debug
• https://github.com/Microsoft/vscode-maven
• https://github.com/Microsoft/vscode-java-test
云计算开发者问卷
洞察云计算开发者生态圈
有奖问卷，截止时间：2018年6月31日

Survey
Thank You