

How to build applications on Kubernetes / OpenShift with ease of a Cloud Native IDE - Eclipse Che

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THE WAY WE DEVELOP IS RAPIDLY CHANGING



Moving to the Cloud

90%

Believe their company will move development entirely in the cloud in the next 3 years.



Adopting Containers

66%

Of enterprises are already using containers in development, test or production.

DEVELOPERS FACE NEW CHALLENGES



Config and Setup

24%

Of a development team's weekly time is spent building and maintaining developer environments.

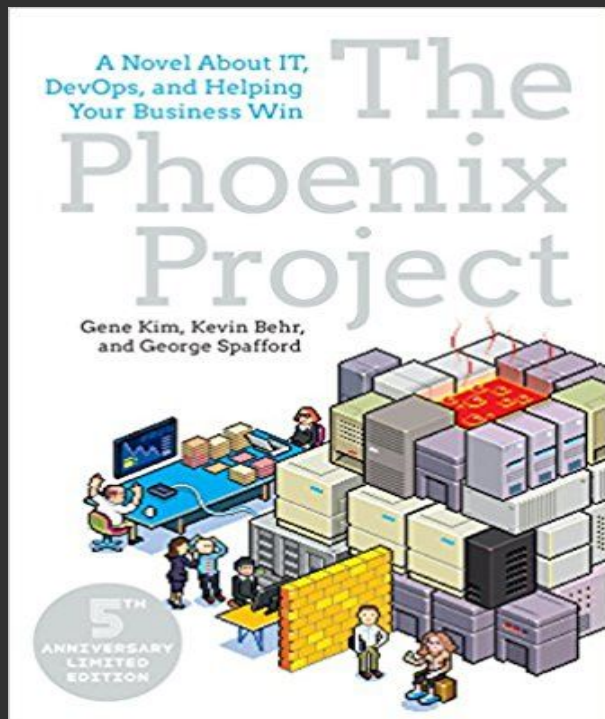


Dev Tool Integration

41%

Of enterprises cite a lack of integration of development tools and process as a primary challenge of container adoption.

It's your first day on the project



For Phoenix, it takes us **three or four weeks** for new developers to get builds running on their machine



Anyone, anytime can contribute to a project without installing software.

Eclipse Che

- Web based IDE (intellisense, refactoring, code snippets, quick tips, debugging, junit support)
- Runs in a Container
- Workspaces are also Containers

ECLIPSE CHE ON K8S / OPENS SHIFT

MAKES DEVELOPING ON CONTAINERS EASY.

- **Accelerates projects and onboarding** of developers. -
- **Removes inconsistencies** and “but it works on my machine...”
- **Protects source code** by removing it from hard-to-secure laptops.

Benefits of running Eclipse Che in the cloud

- Secured: unprivileged containers, TLS, networking
- Multi-user ready
- Health Management
- Rolling Updates



Demo

ECLIPSE CHE RESOURCES

GITHUB REPOSITORY

<https://github.com/eclipse/che>

ECLIPSE CHE DOCUMENTATION

<https://www.eclipse.org/che/docs/>

HOW TO TRY ONLINE

<https://che.openshift.io>

HOW TO DEPLOY ON K8S / OPENSIFT

<https://www.eclipse.org/che/docs/kubernetes-single-user.html>

<https://www.eclipse.org/che/docs/openshift-single-user.html>

