

End to End Continuous Delivery on Kubernetes

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microspot.ch

```
→ ~ jx create cluster gke
```

Agile

Quick continuous feedback loop

Principles behind the Agile Manifesto

We follow these principles:

Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.

Welcome changing requirements, even late in development. Agile processes harness change for

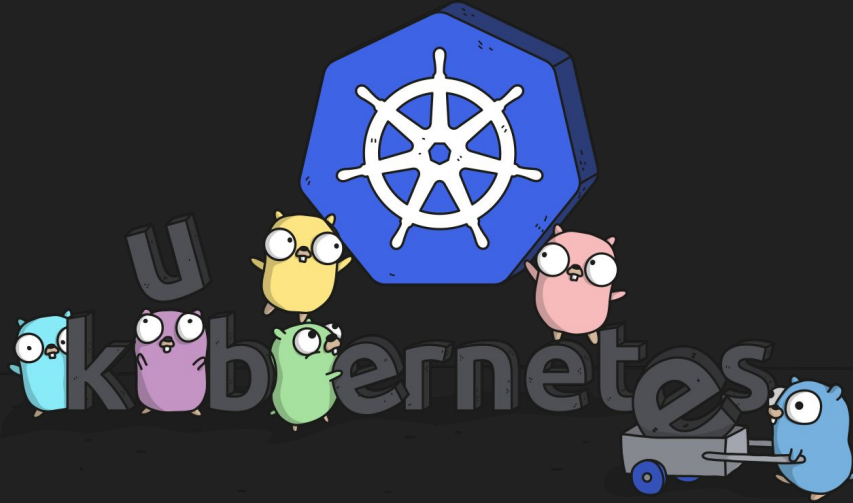
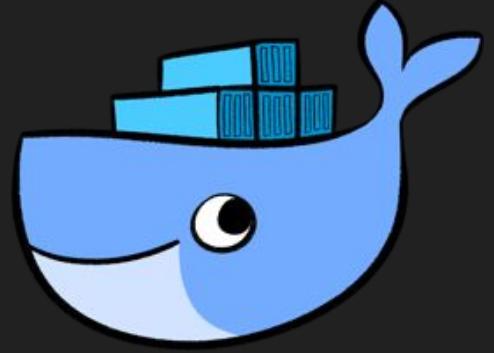
What does a project look like ?



Big Bang releases
Manual deployments
Manual testing

Lack of Automation

Lots of changes
in the last years...



New challenges
for developers

Setup Kubernetes

Containerize Apps

Deployment Manifests

Setup CI/CD



Damn it!
So complex!

Did we forget anything ?

What about delivering
business value ?

Jenkins X

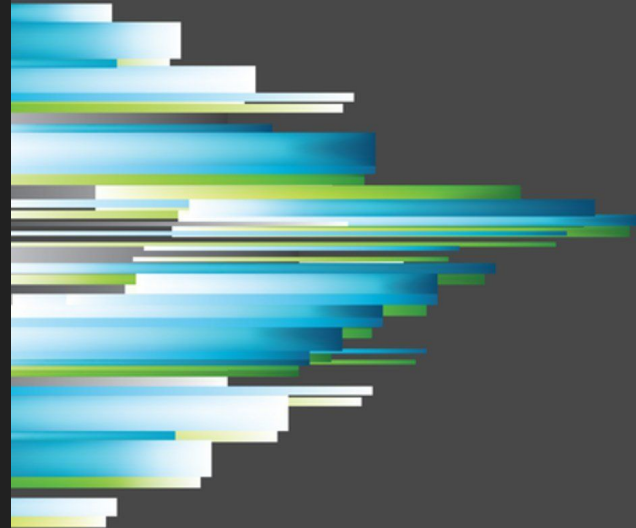


Jenkins...



THE SCIENCE OF DEVOPS
ACCELERATE

Building and Scaling High Performing
Technology Organizations



Nicole Forsgren, PhD
Jez Humble *and* Gene Kim

Jenkins X capabilities

Setup Kubernetes Cluster

Dev environment tools

CI/CD

Environments defined
using GitOps

Creation of microservices



Demo time

No silver bullet

Always be curious

Never stop learning

Keep sharing

Do it at home!!

<https://jenkins-x.io/getting-started/>

Want to know more about Jenkins?

- There is a Swiss Jenkins Meetup!
- Meetups in all cities
- Sharing experiences: Jenkins and Jenkins X
- We are looking for speakers!



bit.ly/swiss-jenkins-meetup



[@JenkinsMeetupCH](https://twitter.com/JenkinsMeetupCH)

Thank you

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