

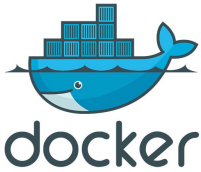
How to deploy Dockerized applications to AWS ElasticBeanstalk

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Agenda



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Dockerize Spring Boot application



Deploy to AWS ElasticBeanstalk



Automate deployment

Orchestration



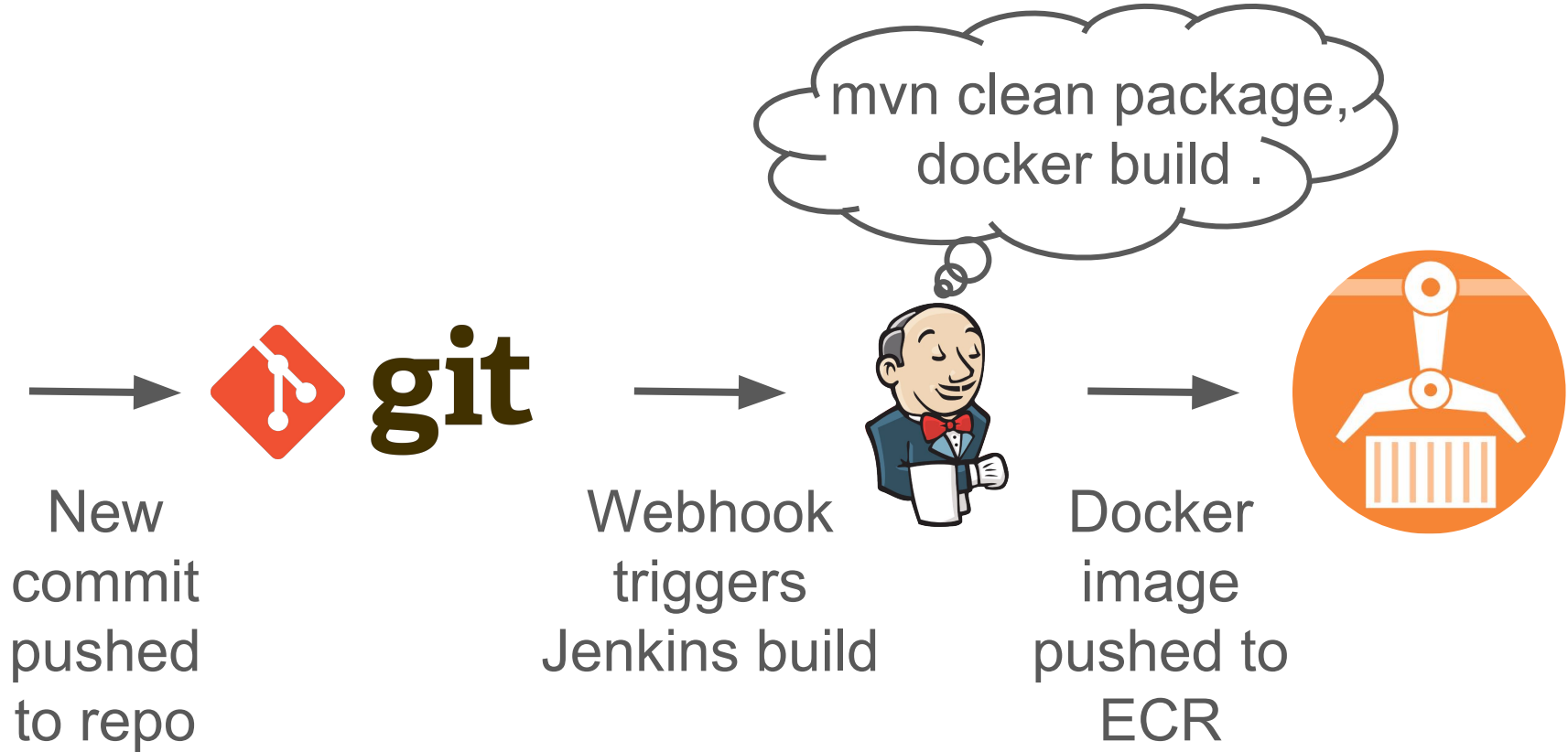
```
docker run -p 5432:5432 --name  
jhipsta-db ... postgres:9.5
```

```
docker run -p 8080:8080 --link  
jhipsta-db:jhipsta-db ... jhipster-app:latest
```

Meet docker-compose!



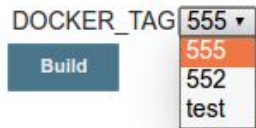
Continuous deployment (Build)



Continuous deployment (Deploy)



This build requires parameters:



Checkout
Dockerrun.aws.json
from git repo



Run deploy job,
select Docker
tag to be
deployed

In Dockerrun.aws.json
replace placeholder with
selected TAG and deploy
to ElasticBeanstalk



Pull images
specified in
Dockerrun.aws.json
and run containers
from them at a
selected
environment



Questions?

<https://github.com/pavelbely/javaskop17>