



# Continuous Delivery to Kubernetes with jib, skaffold and ktor



Kotlin Developer Meetup Berlin  
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2019 10 17

MOOVEL BECOMES





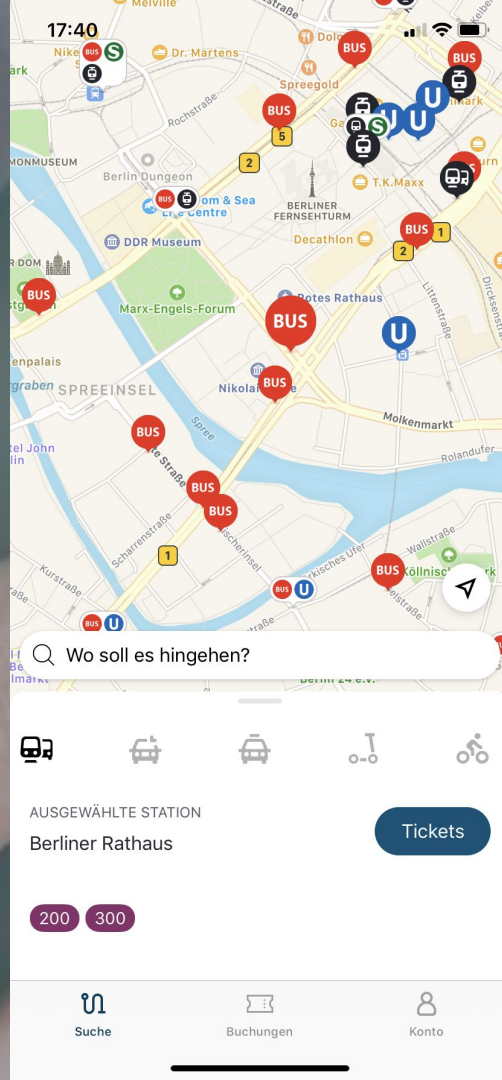
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REACHNOW ✓



MOOVEL BECOMES

REACHNOW ✓



pic: © Moovel

# Me



**Engineering Manager**

[github.com/lotharschulz](https://github.com/lotharschulz)

[github.com/lotharschulz/ktorjib](https://github.com/lotharschulz/ktorjib)

[@lothar\\_schulz](https://twitter.com/lothar_schulz)

[lotharschulz.info](https://lotharschulz.info)

[speakerdeck.com/lothar](https://speakerdeck.com/lothar)

## Container First

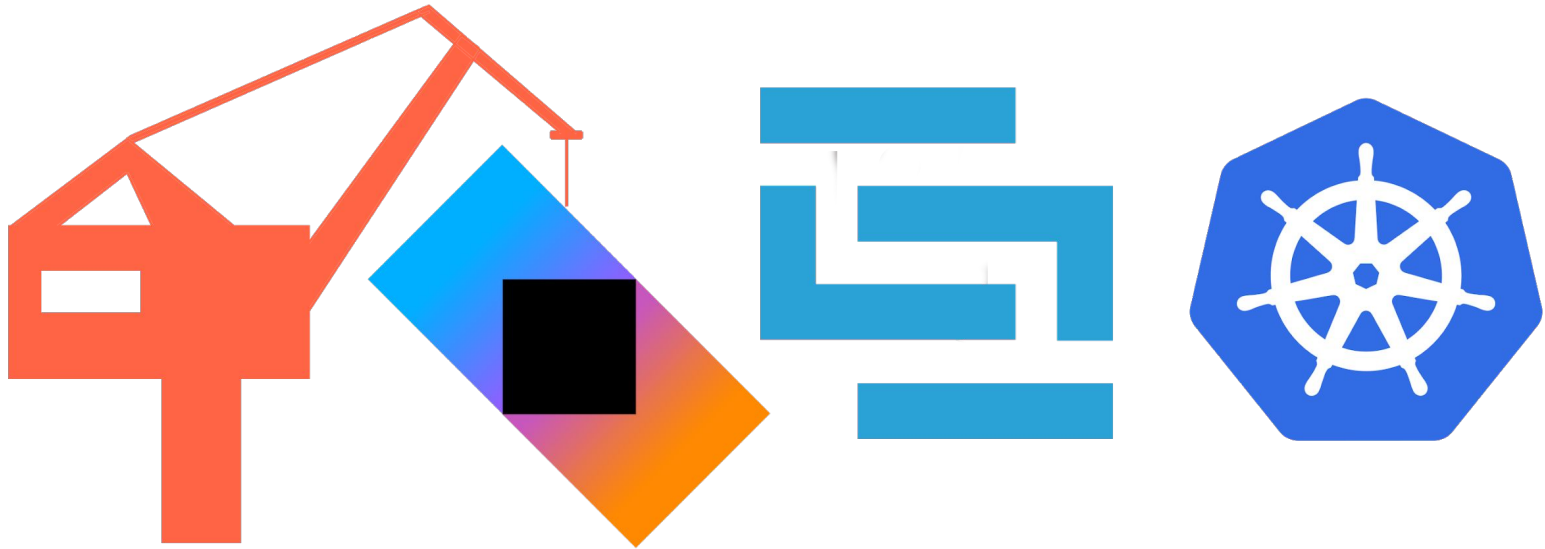
assume container runtime by default

## Engineers First

- improve **Engineering** experience
- Kotlin
  - keep the context most kotlin devs work in
    - IDE
    - Terminal
    - Source Code Management System



## Keep the dev context & CD to Kubernetes with *Kotlin* tools



# Demo Time



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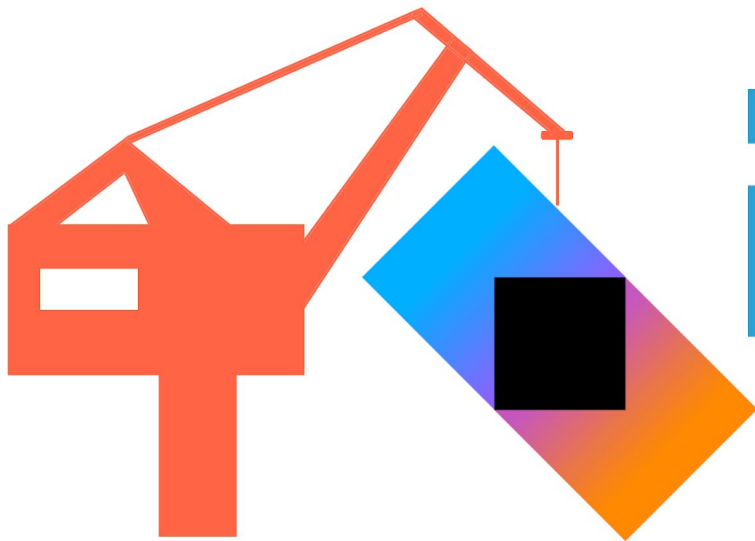




## Recap

- Scaffold is a command line tool that facilitates continuous development for Kubernetes applications. You can iterate on your application source code locally then deploy to local or remote Kubernetes clusters.
- Jib builds optimized Docker and OCI images for your Java applications without a Docker daemon - and without deep mastery of Docker best-practices.  
Plugins:
  - Gradle
  - Maven
- K8s: Container Orchestration - automated configuration, coordination, and management
- Ktor is a framework for building asynchronous servers and clients in connected systems with minimal effort.





JIB


KTOR



Scaffold



Kubernetes

A person with long dark hair is seen from behind, holding a smartphone with a red case. The phone's screen displays a city skyline at night, with lights reflecting on the water. The background is a blurred city scene at night with bokeh lights.

# I am sure you have questions

# THANK YOU.

