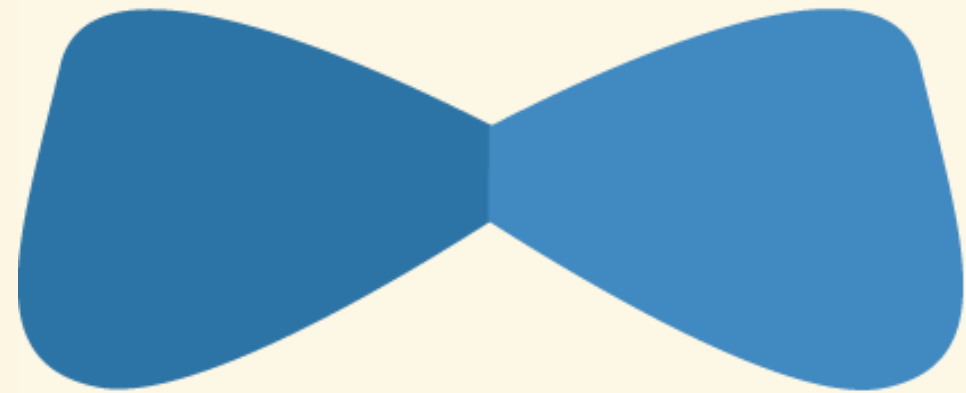


GETTING HIP WITH JHIPSTER



JHipster

Code Days 2020

ABOUT ME

Frederik Hahne

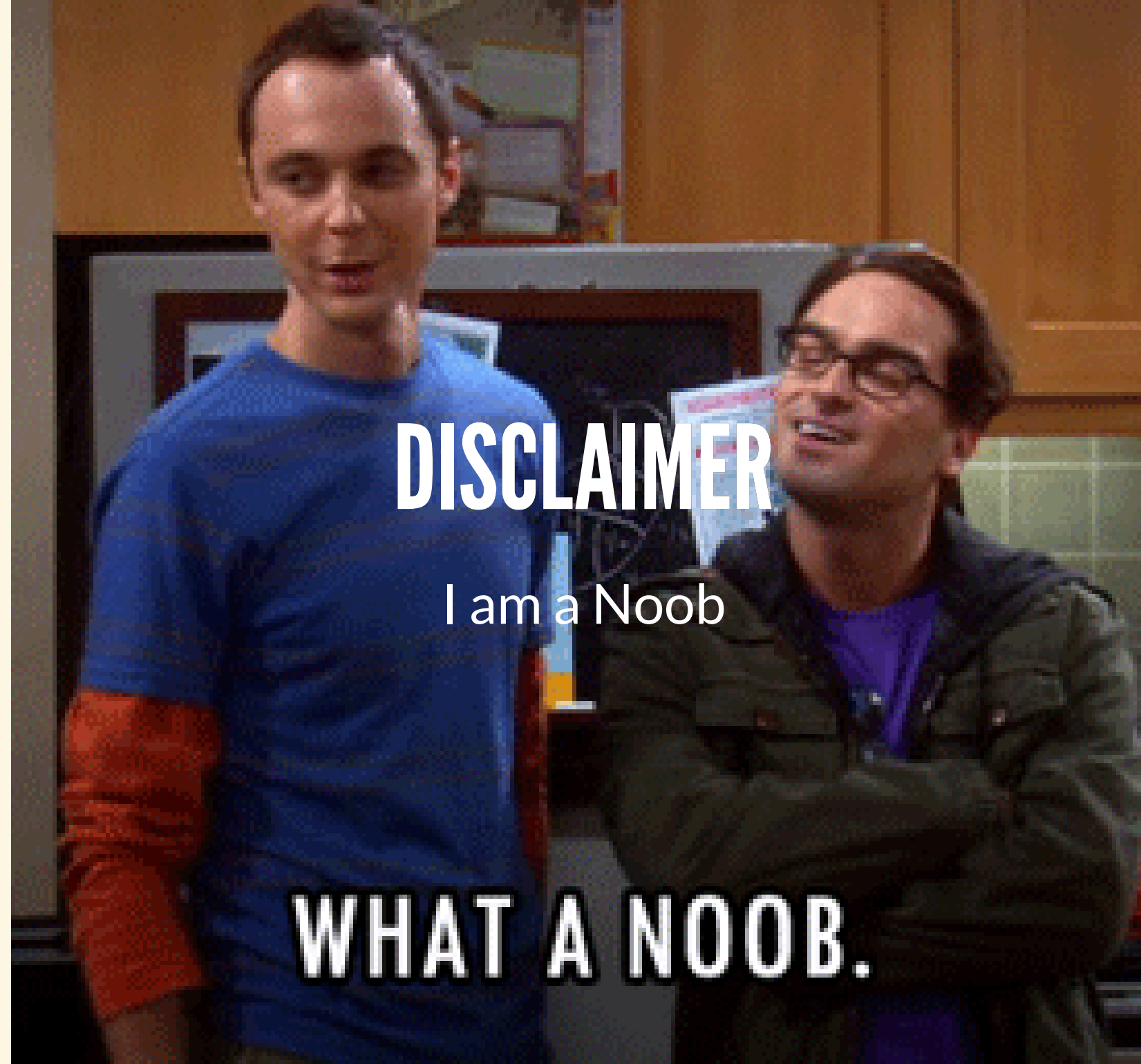
 @atomfrede

 atomfrede.gitlab.io

ABOUT ME

- [JHipster Core Team](#) Member since 2015
- [Gradle Stream Lead](#), Vue Maintainer
- [JUG Paderborn](#) Organizer
- Software Developer at [wescale](#) in Paderborn



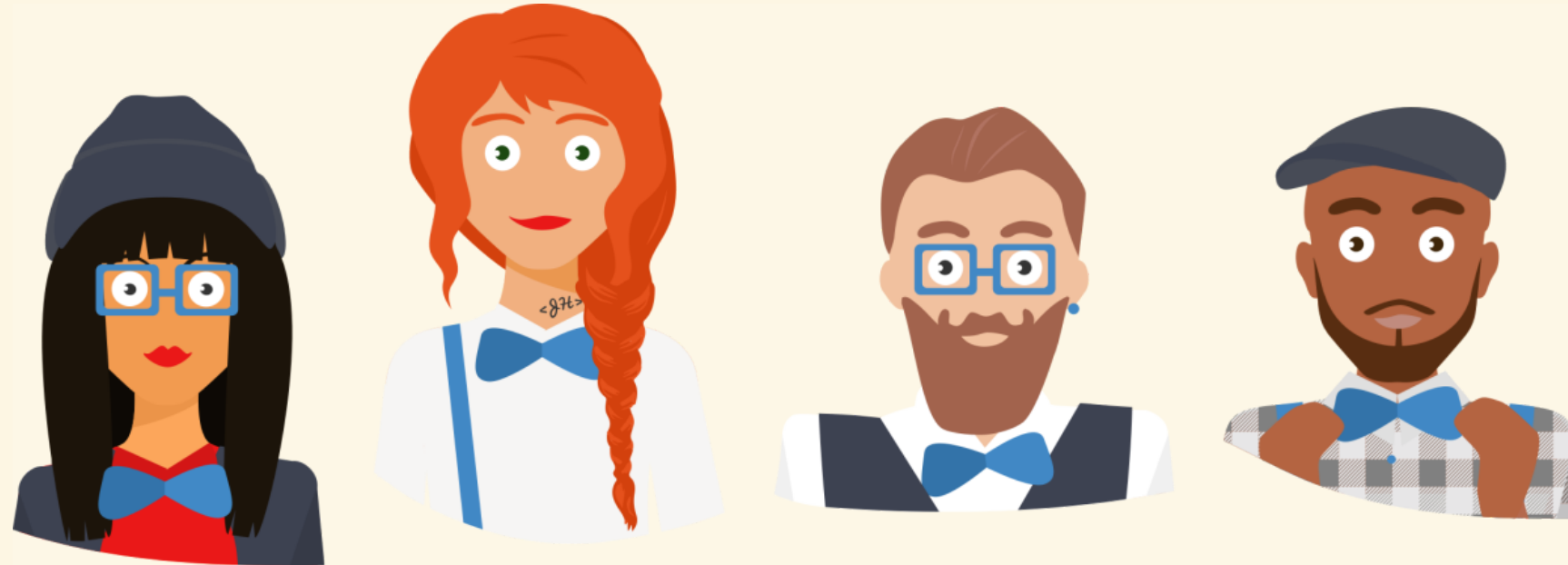


DISCLAIMER

I am a Noob

WHAT A NOOB.

GREETINGS, HIPSTERS



AGENDA

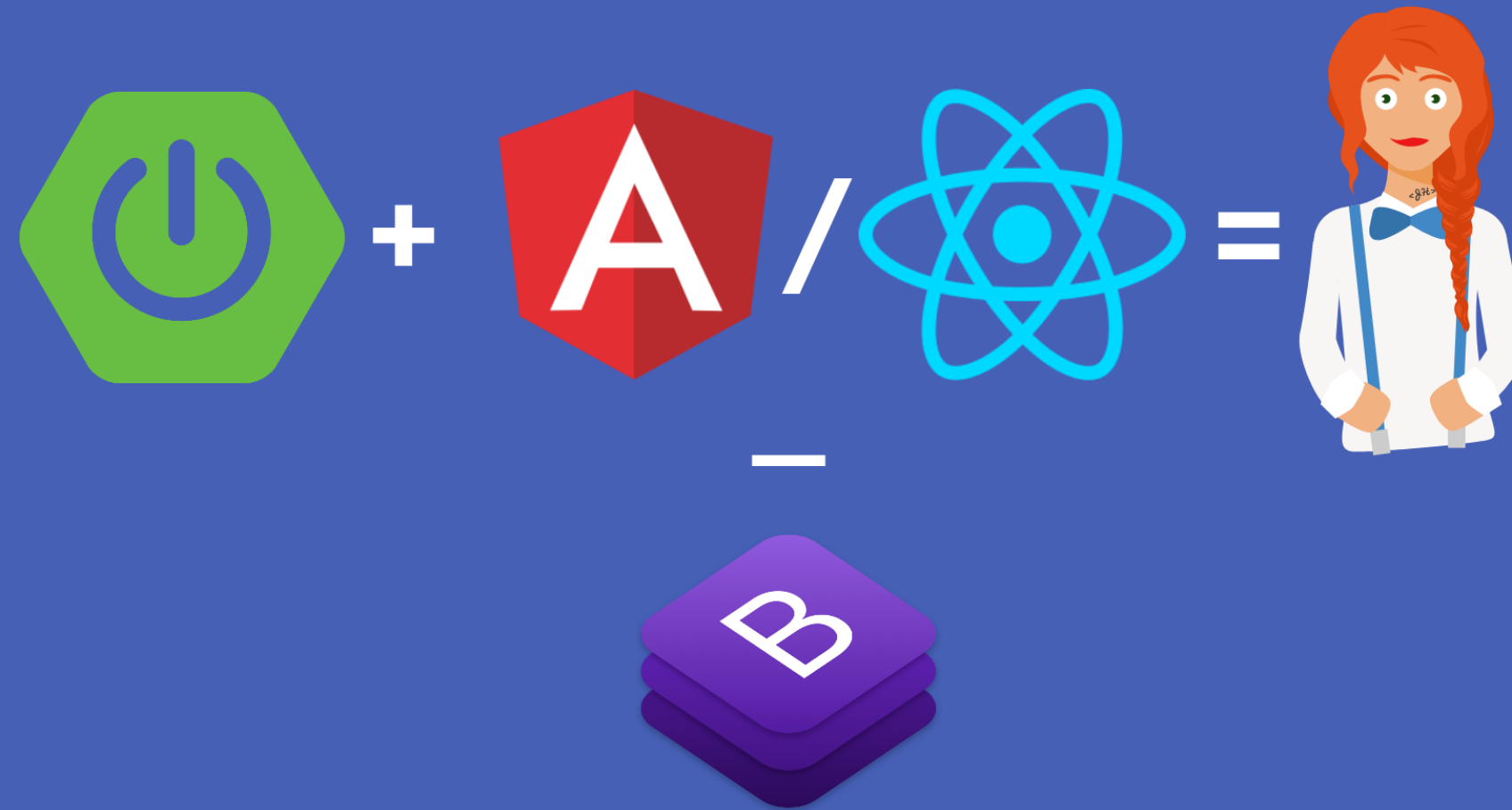
- Introduction
- Overview
- Demo

How long does it take to setup a modern web application?

How long does it take to configure databases, security, api?

How long does it take to go to production?

WHAT IS JHIPSTER?



WHAT IS JHIPSTER?



+



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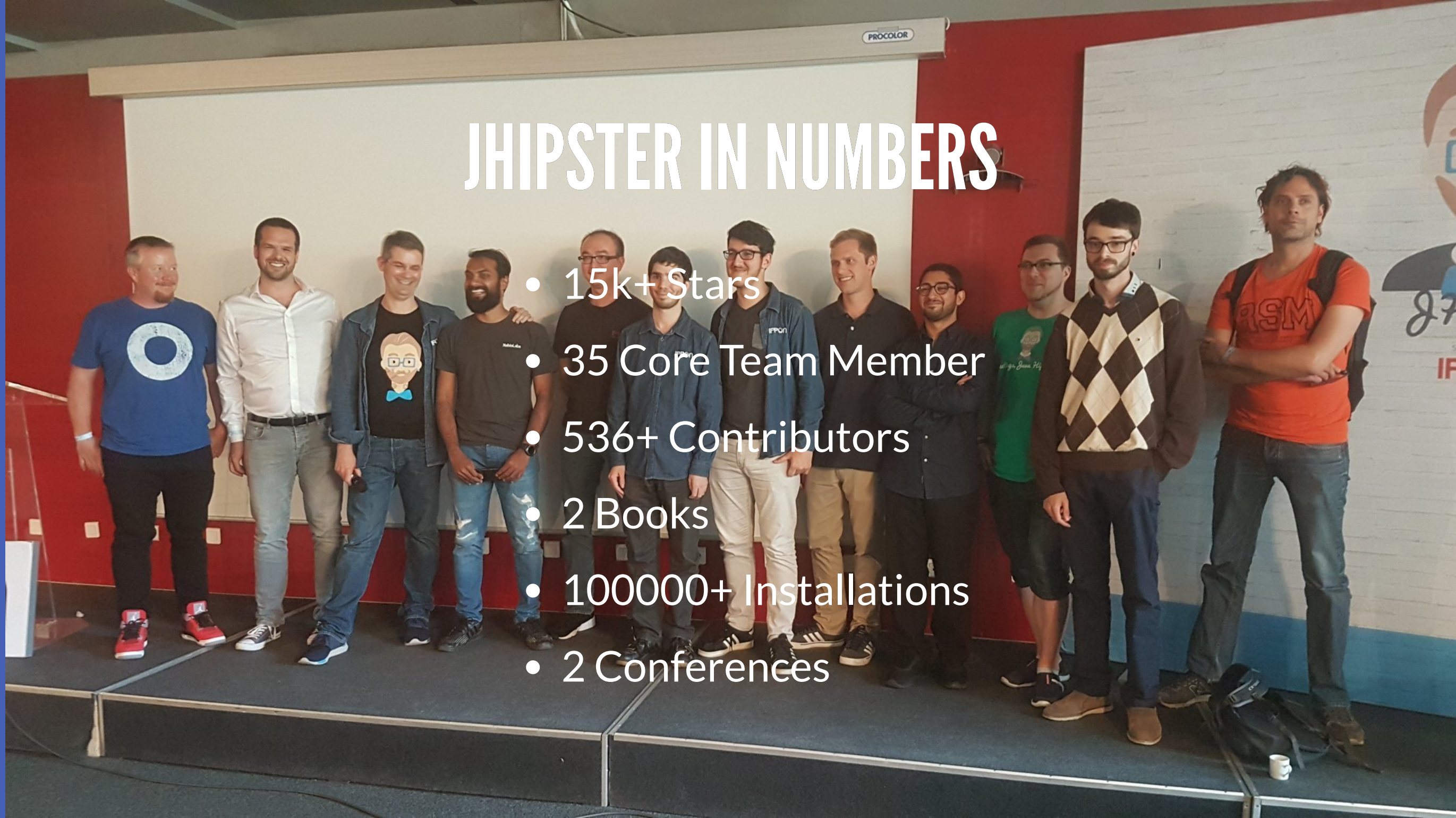


WHAT IS JHIPSTER?

- Full Stack Application Development Platform
- 100% Open Source
- Best Practice & High Quality Code
- Community & Knowledge

JHIPSTER IN NUMBERS

- 15k+ Stars
- 35 Core Team Member
- 536+ Contributors
- 2 Books
- 100000+ Installations
- 2 Conferences



GOALS

“*A high-performance and robust Java stack on the server side with Spring Boot*”

GOALS

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“A sleek, modern, mobile-first front-end with Angular, React and Bootstrap

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“A high-performance and robust Java stack on the server side with Spring Boot

“A sleek, modern, mobile-first front-end with Angular, React and Bootstrap

“A powerful workflow to build your application with Yeoman, Webpack and Maven/Gradle

POLICIES

“technologies used by JHipster have their default configuration used as much as possible

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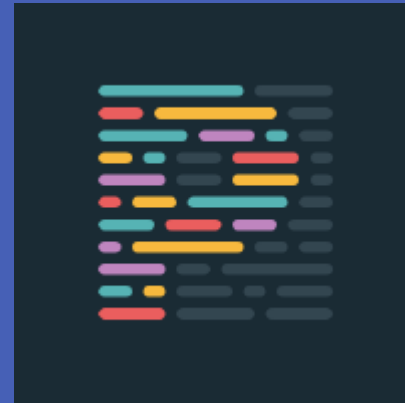
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“for the Java code, follow the default IntelliJ IDEA coding style*

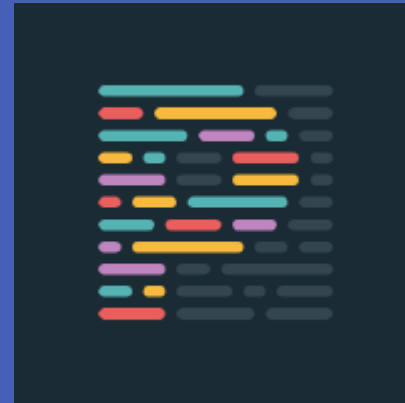
“use strict versions for third-party libraries

FORMATTING ...

FORMATTING ...



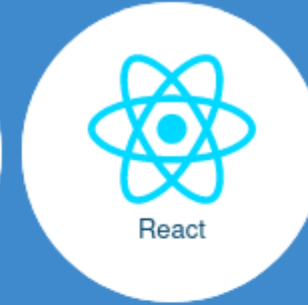
FORMATTING ...

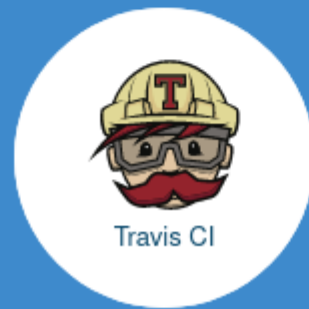


- <https://github.com/jhipster/prettier-java>

OPTIONS









Let's Code

GETTIN' STARTED

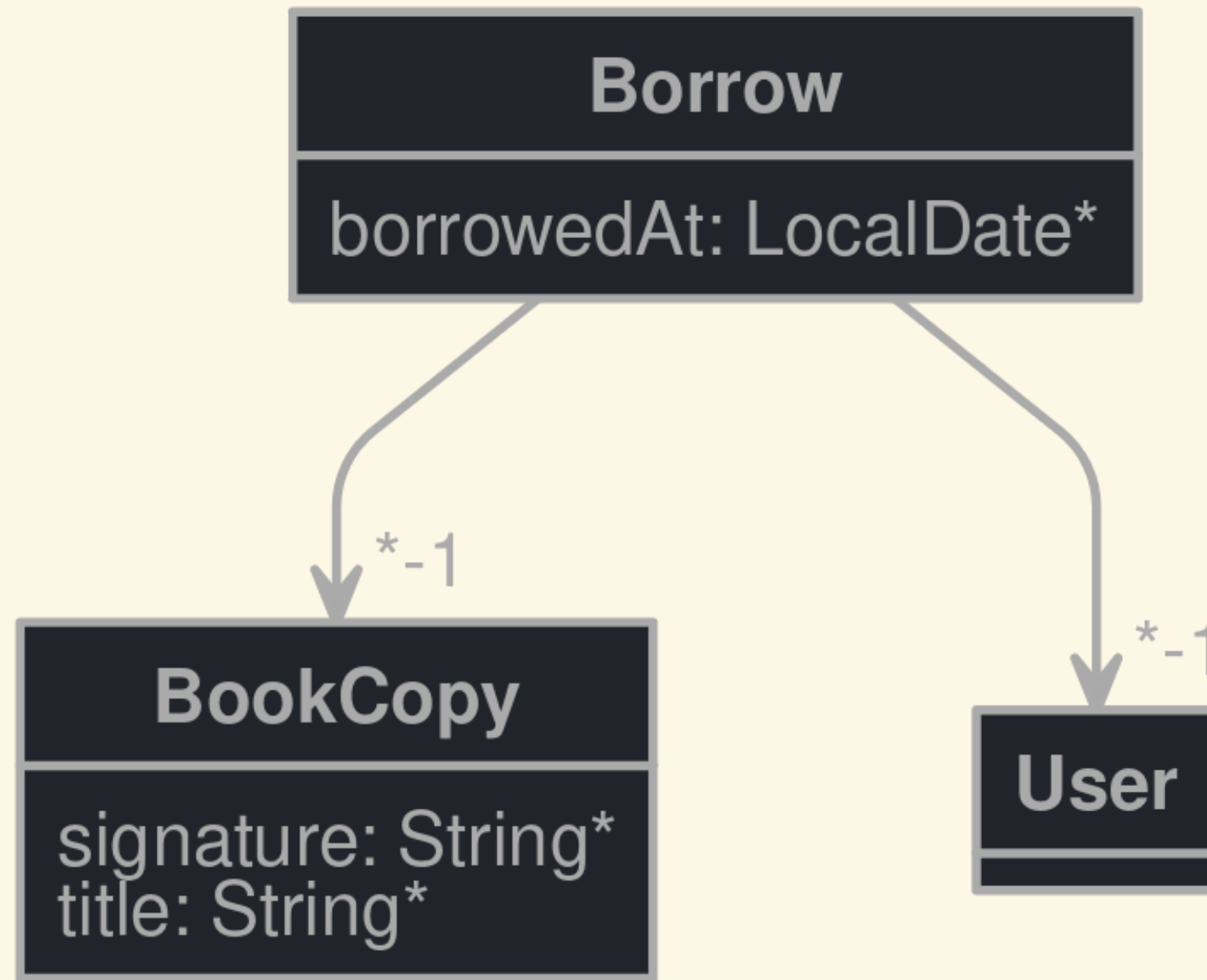
```
//Install node, java and git (optional)
npm install -g generator-jhipster
npm install -g generator-jhipster-vuejs

jhipster --blueprints vuejs
```


DEMO

- Generate a basic library application
- Short Walkthrough
- Generate CRUD capabilities
- Small changes to the code
- Build with Gitlab CI, deploy to Heroku

Learn JHipster in ~15 minutes with Matt Raible



SIDE-BY-SIDE APPROACH

```
@SuppressWarnings("unused")
@Repository
public interface BorrowRepository extends JpaRepository<Borrow, Long> {

}

@SuppressWarnings("unused")
@Repository
public interface BorrowRepositoryCustom extends BorrowRepository {

}
```

SIDE-BY-SIDE APPROACH

```
import BookCopyService from "@/entities/book-copy/book-copy.service";  
  
export default class BookCopyServiceCustom extends BookCopyService {  
  
}
```

Custom and Generated Code Side by Side with JHipster by Antonio Goncalves

Separating the JHipster layout from a custom UI implementation

GOING TO PRODUCTION

- Start with less
- Don't touch the generated code
- Keep JDL up to date
- Use same DB in Dev & Prod
 - [Integrate Testcontainers](#)
- Use DTO & Services
- Most likely you will add custom web api

A man with a beard and sunglasses, wearing a light-colored shirt, is holding a handgun with both hands, aiming it upwards. He has a serious expression. The background is dark and out of focus.

PLEASE

**GIVE ME ONE MORE THING TO PUT ON
MY PLATE.**

A meme featuring a man with a beard and sunglasses holding a handgun. The text "PLEASE" is at the top, "start.jhipster.tech" is in the middle, and "GIVE ME ONE MORE THING TO PUT ON MY PLATE." is at the bottom. A watermark "makeameme.org" is in the bottom right corner.






PLEASE

start.jhipster.tech

**GIVE ME ONE MORE THING TO PUT ON
MY PLATE.**

makeameme.org

FUTURE PLANS

- Polyglot
 - Kotlin 
 - Node.js, .net 
 - Micronaut, Quarkus 
- Spring Boot 2.2.x 
- Neo4j Support 
- Modulith, Microfrontends, Fully Reactive

A promotional image for the book 'Full Stack Development with JHipster' featuring Leonardo DiCaprio. He is dressed in a formal tuxedo and is holding a martini glass with a green olive. The word 'MORE' is superimposed on his forehead. The background is a dimly lit, elegant room with patterned wallpaper and a fireplace. On the left side, there is a list of links to various online resources related to JHipster.

MORE

- jhipster.tech
- github.com/jhipster
- twitter.com/jhipster
- stackoverflow.com/tags/jhipster/info
- gitter.im/jhipster/generator-jhipster
- jhipster-book.com
- www.packtpub.com/web-development/full-stack-development-with-jhipster-second-edition

You had my curiosity, but now you have my attention.

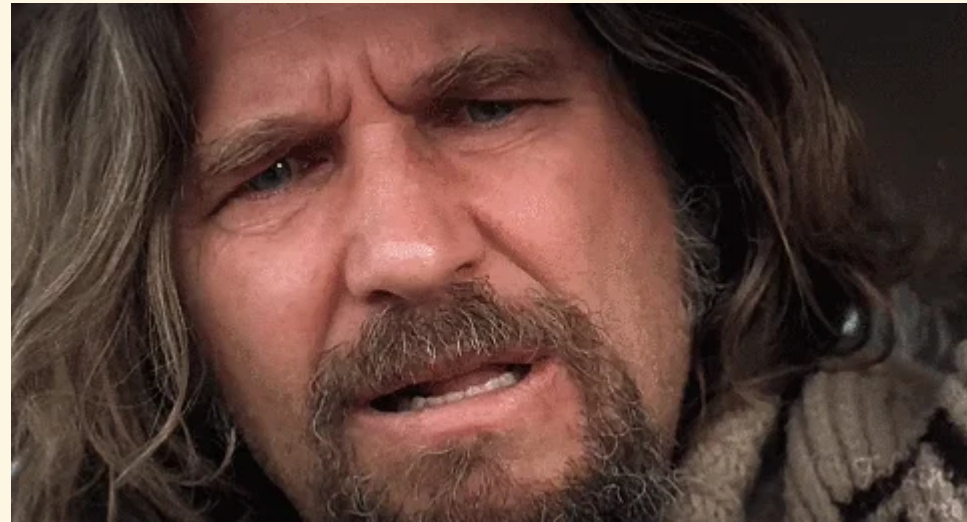
BUG BOUNTIES



jhipster.tech/bug-bounties

jhipster.tech

QUESTIONS?



JOIN US



wescale.com/de/join-us

USE THE FORCE LUKE

FMi 2.4: Getting Hip With JHipster - From Zero To Cloud In 60 Minutes

Datum

Mittwoch, 5. Februar 2020

Uhrzeit

14:30 - 15:30

Raum

Ostersee >

Kategorie

Java >

Erinnerung setzen

Aus Planer entfernen

Notiz anlegen

Beschreibung

JHipster ist der beliebteste code generator in der Java Welt mit mehr als 14k GitHub Stars, 500+ contributors, 100ten von Firmen, die JHipster verwenden und einem großen Ökosystem von Modulen und Plugins. Diese Session stellt die Möglichkeiten von JHipster vor und zeigt wie man mit JHipster eine moderne Webanwendung mit Java und JavaScript bauen kann. Wir werden die typischen Anwendungsszenarien zeigen und von null auf eine komplette Webanwendung bauen und in der Cloud betreiben. Wir werden einen kurzen Blick auf best practices werfen im Umgang mit generiertem Code werden und einen Ausblick auf die Zukunft von JHipster geben.

Zielpublikum: Software-Entwickler, Web-Entwickler
Schwierigkeitsgrad: Anfänger

Feedback

☆

☆

☆

☆

☆

Bewerten Sie den Vortrag

Sprecher

Frederik Hahne
WPS Management GmbH
Software Developer

<https://www.sigs-datacom.de/konferenzen/it-eventapp.html>

@atomfrede

#codedays2020

#jhipsterintro