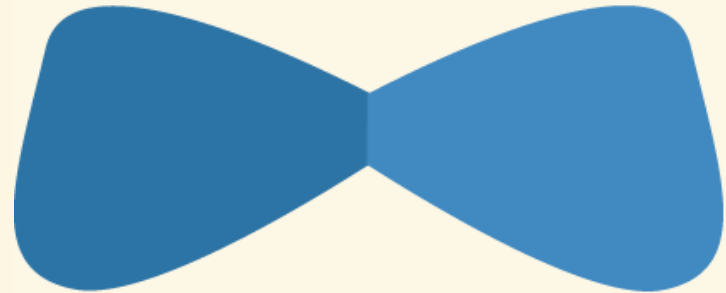
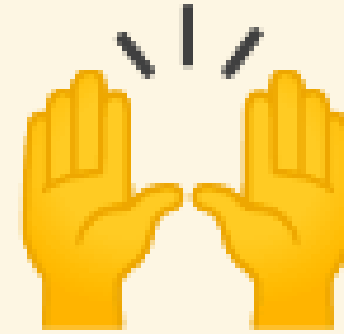


JHIPSTER



*JHipster*

Big Techday 2020

# ABOUT US

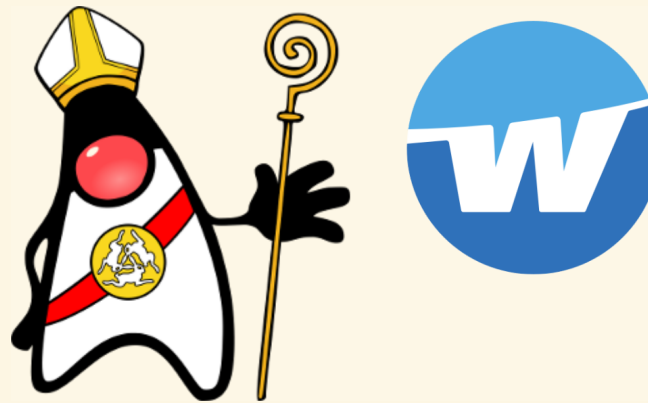
Frederik Hahne

 @atomfrede

 [atomfrede.gitlab.io](https://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



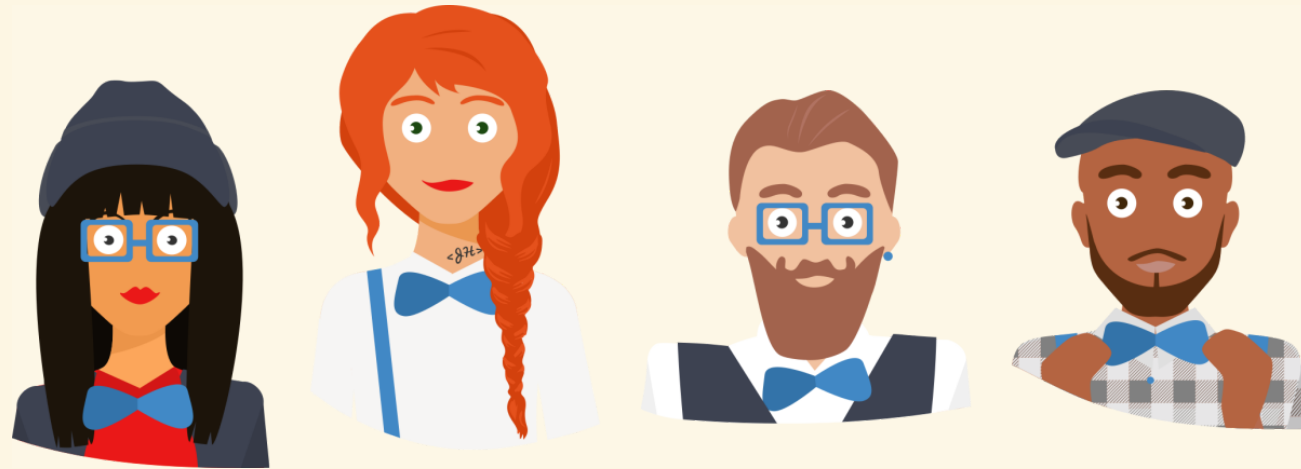


DISCLAIMER

I am a Noob

**WHAT A NOOB.**

# GREETINGS, HIPSTERS



# AGENDA

- Introduction
- Overview
- Demo

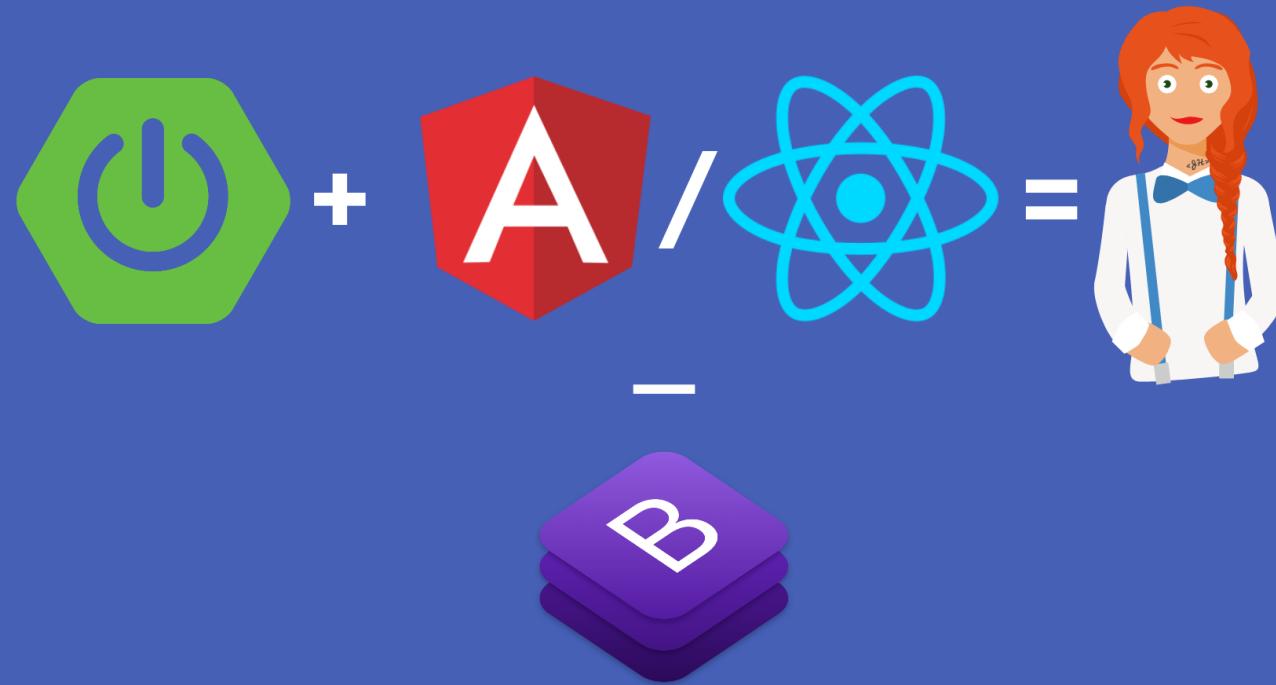
How long does it take to setup a modern web application?

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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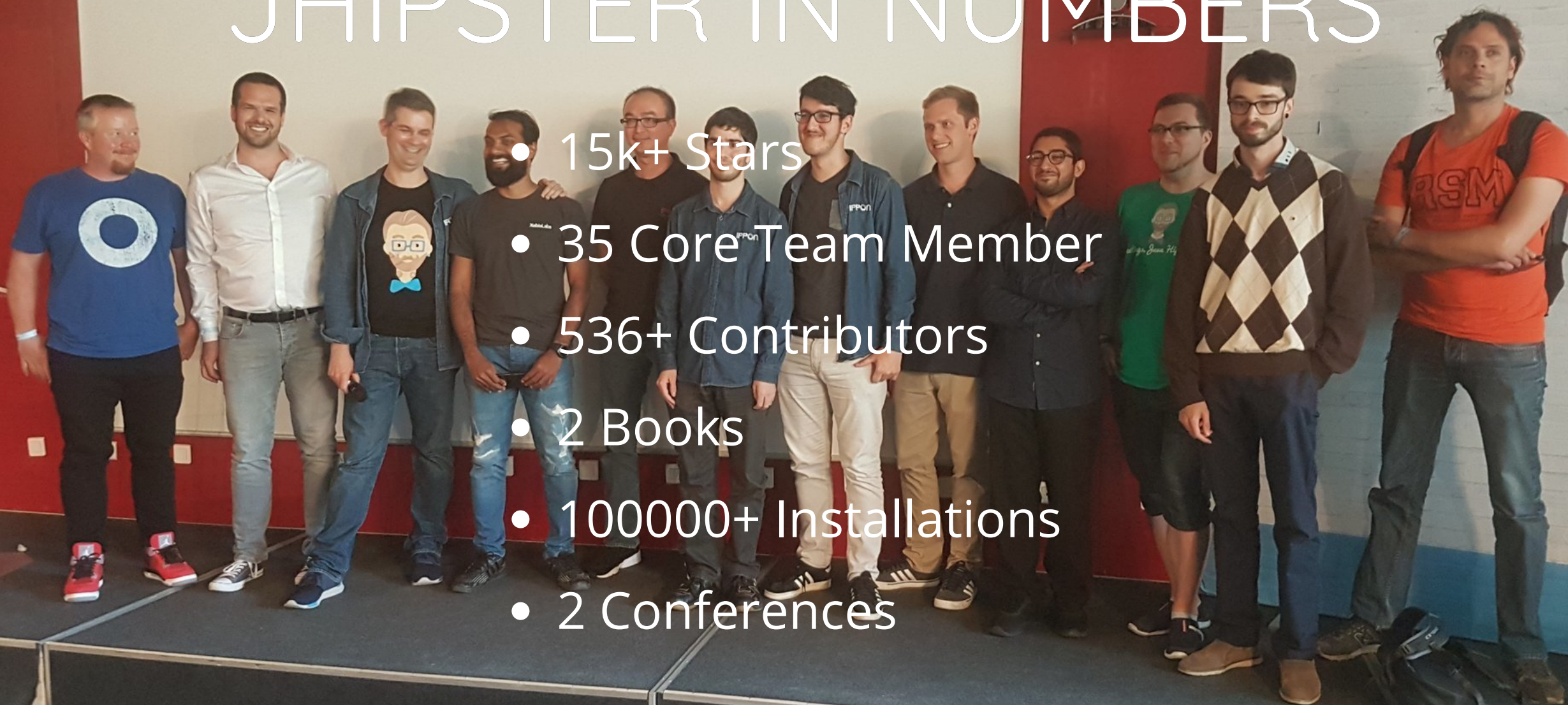


# WHAT IS JHIPSTER?

*TL,DR; JHipster is a development platform to quickly generate, develop, & deploy modern web applications & microservice architectures.*

# JHIPSTER IN NUMBERS

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



# GOALS



*A high-performance and robust server-side stack with excellent test coverage*



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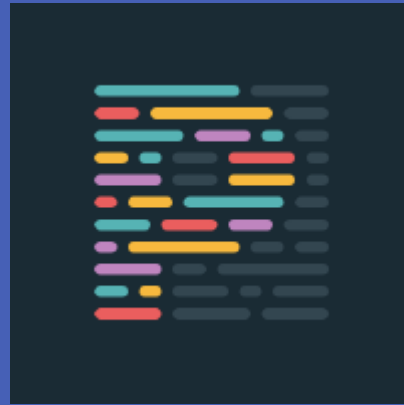
“only add options when there is sufficient added-value in the generated code

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

“use strict versions for third-party libraries

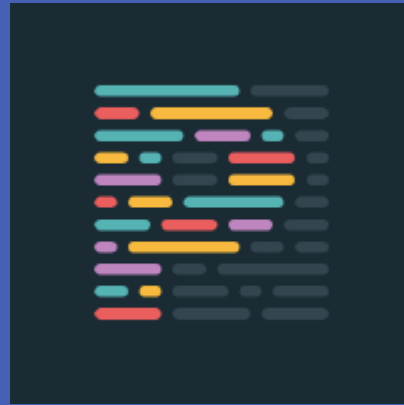
FORMATTING ...

# FORMATTING ...





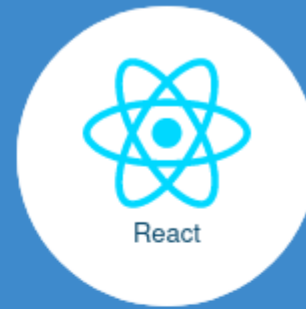
# FORMATTING ...



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

OPTIONS







A man with a surprised expression is sitting at a desk, looking at a laptop. He is wearing a dark t-shirt. The desk is cluttered with various items, including a pen holder, a small plant, and some papers. In the background, there is a window with blinds and a green wall.

Let's Code

# GETTIN' STARTED

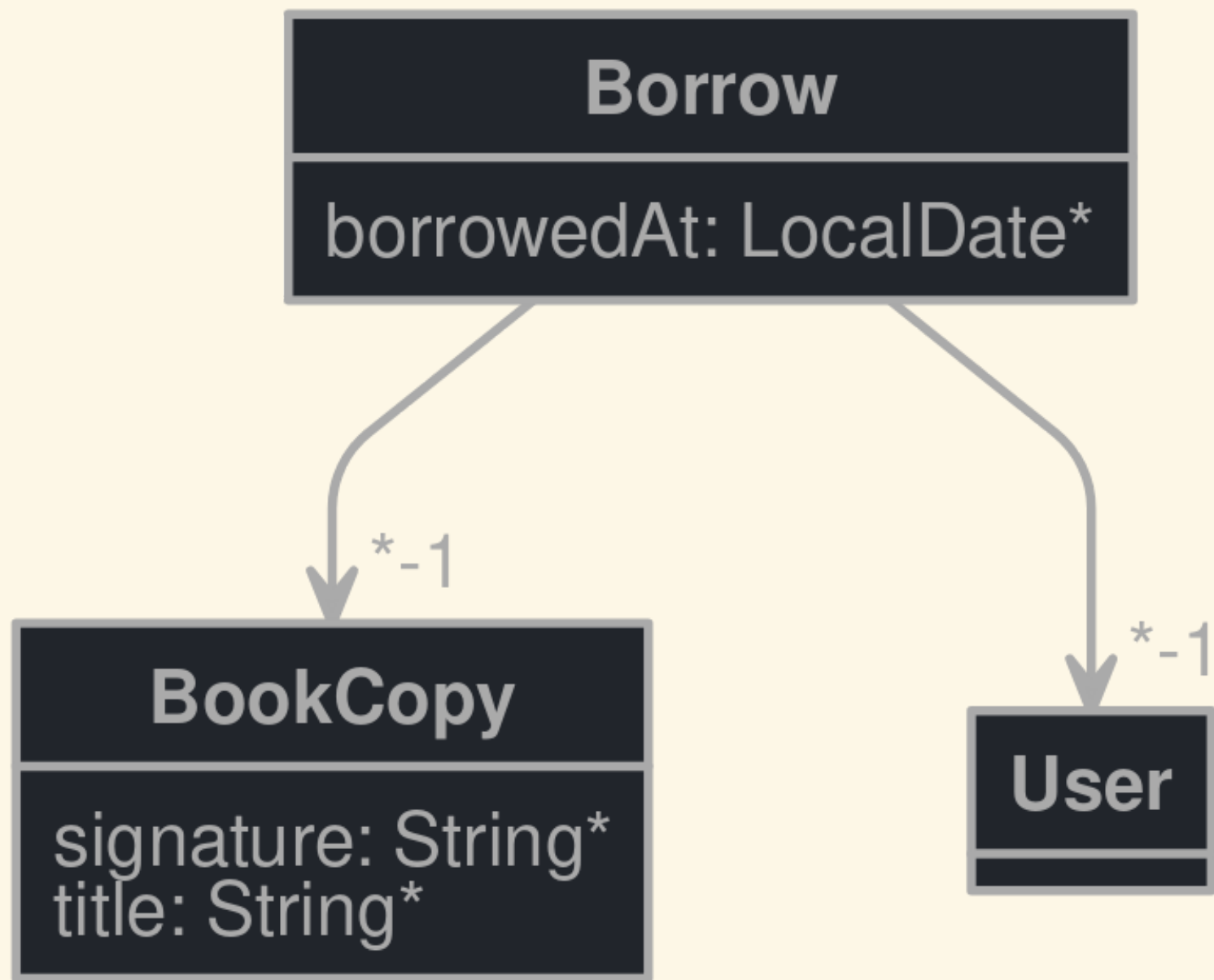
```
//Install node, java and git (optional)  
npm install -g generator-jhipster  
npm install -g generator-jhipster-vuejs  
  
jhipster --blueprints vuejs
```

# 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 tan 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, wearing a light-colored shirt, holding a handgun with both hands. The background is dark and out of focus. 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

# MORE

- [jhipster.tech](http://jhipster.tech)
  - [github.com/jhipster](https://github.com/jhipster)
  - [twitter.com/jhipster](https://twitter.com/jhipster)
  - [stackoverflow.com/tags/jhipster/info](https://stackoverflow.com/tags/jhipster/info)
  - [gitter.im/jhipster/generator-jhipster](https://gitter.im/jhipster/generator-jhipster)
  - [jhipster-book.com](http://jhipster-book.com)
  - [www.packtpub.com/web-development/full-stack-development-with-jhipster-second-edition](http://www.packtpub.com/web-development/full-stack-development-with-jhipster-second-edition)
- but now you have my attention.**

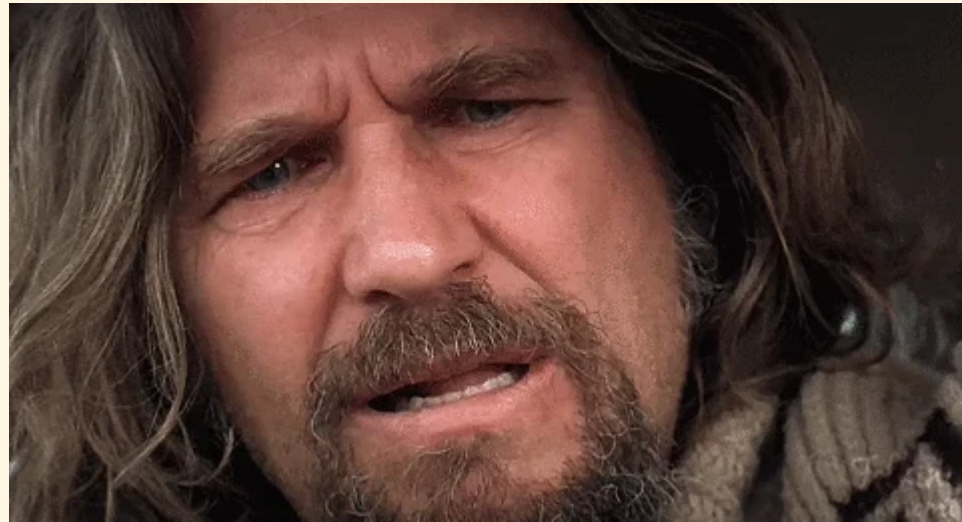


# BUG BOUNTIES



[jhipster.tech/bug-bounties](https://jhipster.tech/bug-bounties)

# QUESTIONS?



# JOIN US



[wescale.com/de/join-us](https://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 || @xetys

#tngbtd

#jhipsterintro