

# JHIPSTER



Big Techday 2020

# ABOUT US

David Steiman

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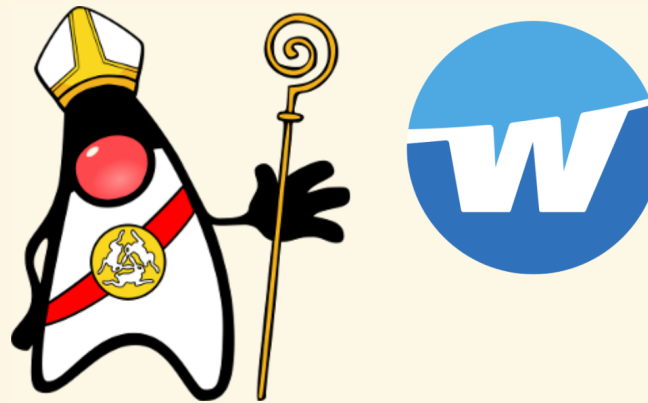
Frederik Hahne

 @atomfrede

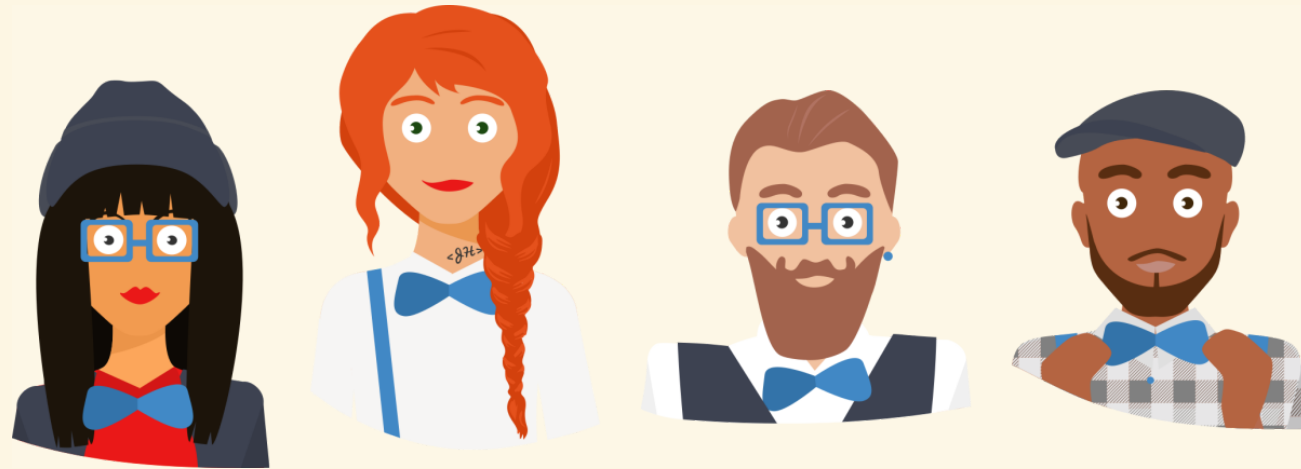
 [atomfrede.gitlab.io](https://atomfrede.gitlab.io)

# ABOUT US

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



# GREETINGS, HIPSTERS



# AGENDA

- Introduction
- Overview
- Demo

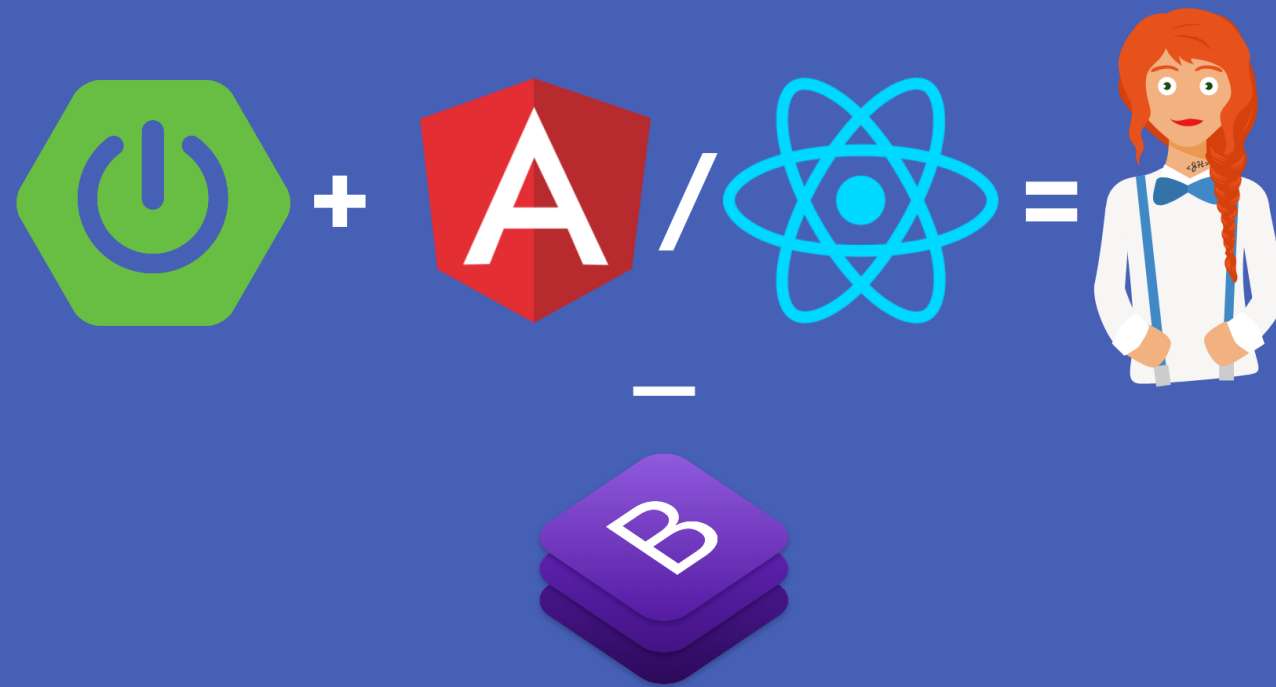
How long does it take to setup a modern web application?

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



How long does it take to go to production?

# WHAT IS JHIPSTER?



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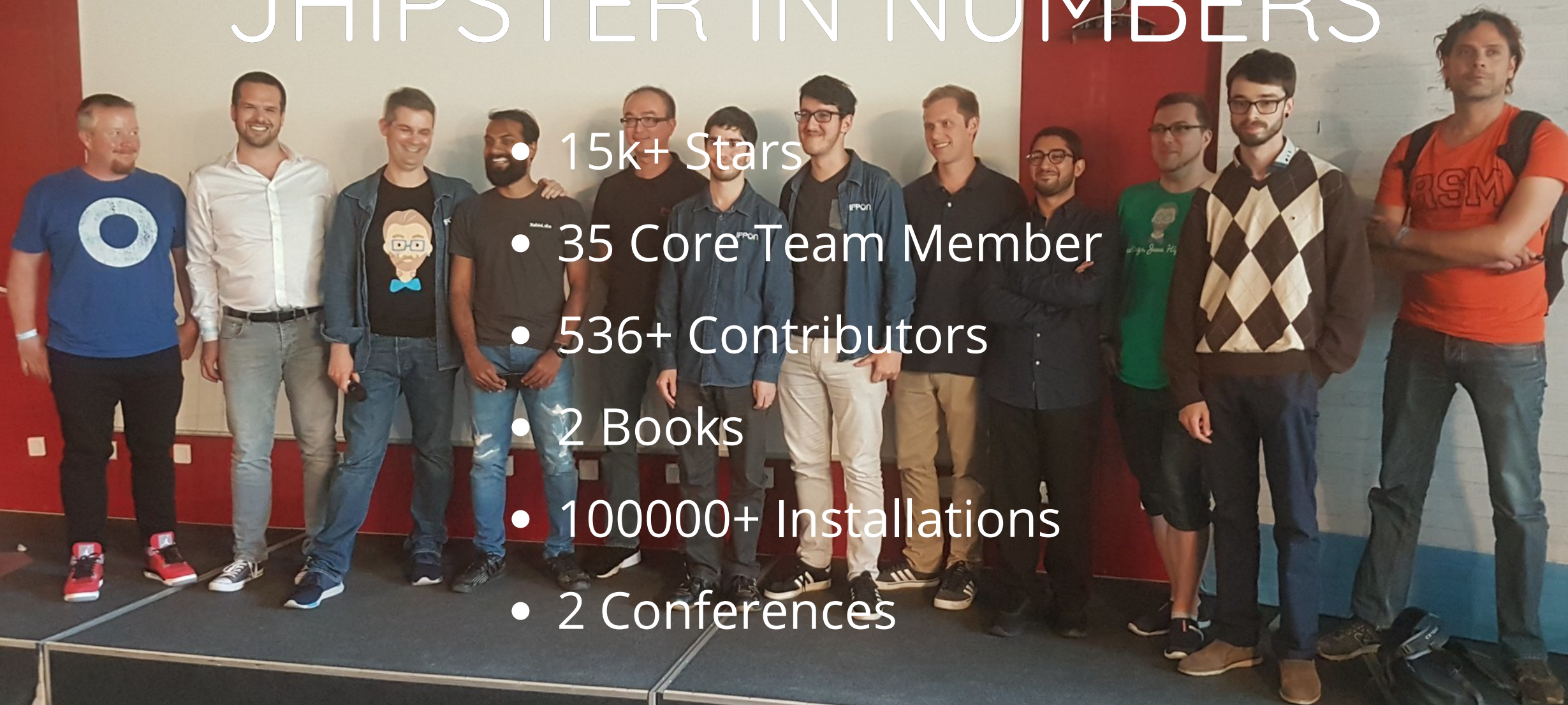


# WHAT IS JHIPSTER?

*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

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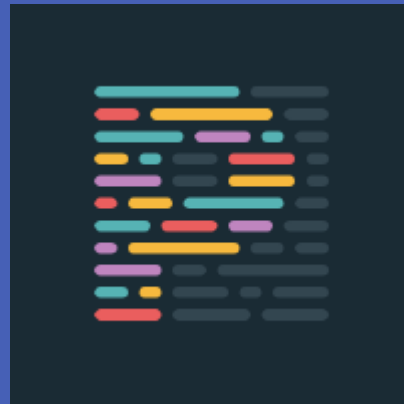
“only add options when there is sufficient added-value in the generated code

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

“use strict versions for third-party libraries

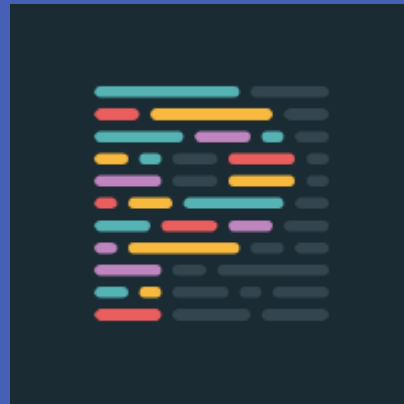
FORMATTING ...

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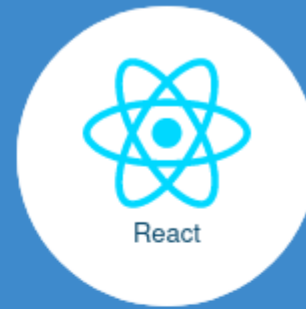
# FORMATTING ...



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

OPTIONS







A man with light brown hair and a surprised expression is sitting at a desk in a home office. He is wearing a dark blue t-shirt and looking at a silver laptop. His mouth is open in an 'O' shape. The desk is cluttered with various items, including a pen holder with several pens, a small white box, and some papers. In the background, there is a window with white blinds, a green wall, and a white shelf with some items on it.

Let's Code

# GETTIN' STARTED

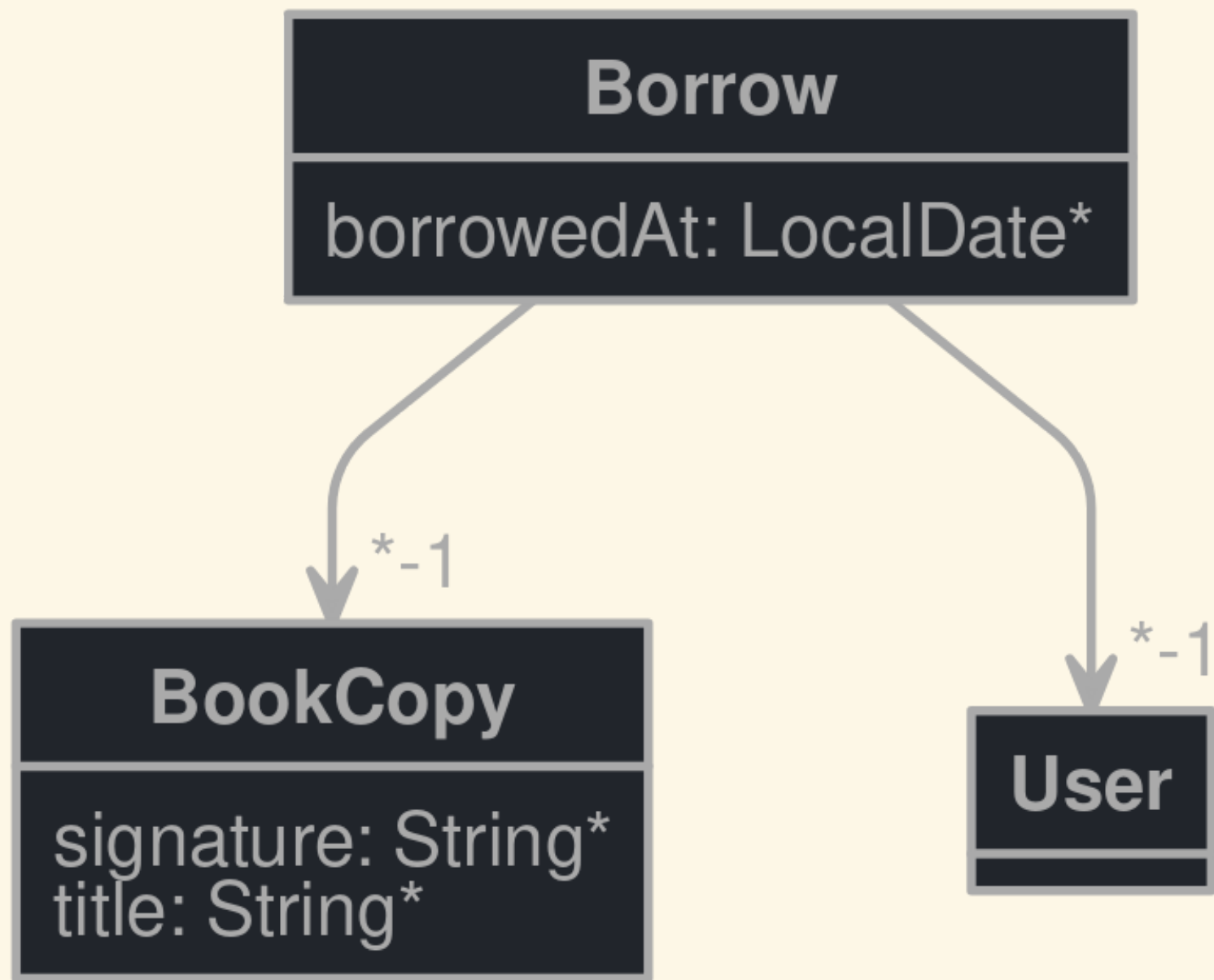
```
//Install node, java and git (optional)  
npm install -g generator-jhipster  
npm install -g generator-jhipster-vuejs  
  
jhipster --blueprints vuejs
```

# 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, pointing 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 man with a beard and mustache, wearing sunglasses and 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**

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.**

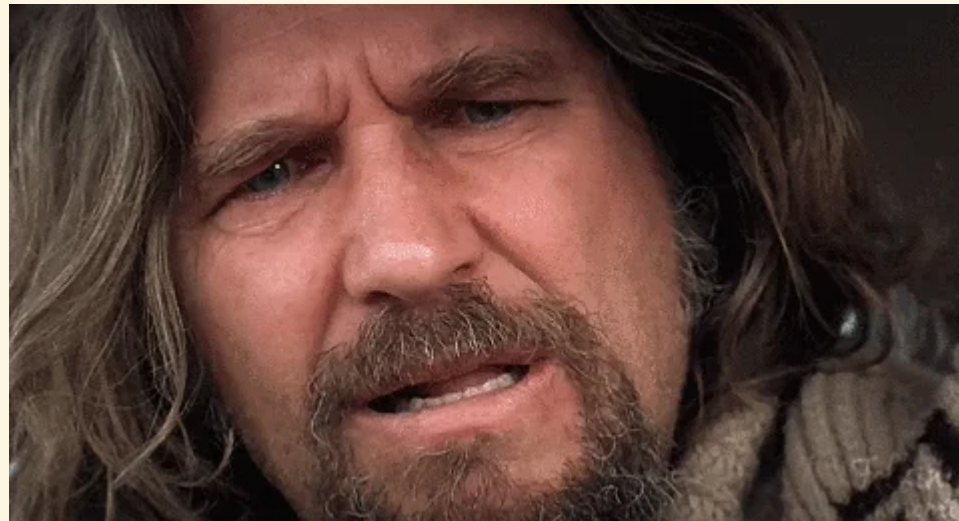


# BUG BOUNTIES



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

# QUESTIONS?



@atomfrede || @xetys

#tngbtd

#jhipsterintro