

# wodss 17-5

A simple event planner by Jonas Frehner, Andreas Gassmann & Lukas Schönbächler

# Übersicht

- Technologien
- Frontend
- Microservice Architektur
- Spring Data
- Spring Security
- Dokumentation
- Erfahrungen

# Technologien

- Spring Boot
- Spring Data
- EurekaPac4j
- Gradle
- SASS
- Ionic 3
- Anular v4
- Anular v4
- Ionic 3
- Typescript
- Npm
- Webpack
- Augury

*Fashion-forward development*



## Buzzword-first Design

*The Definitive Guide*

O RLY?

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# Frontend

- FHNW CD
- Ionic 3
- Typescript
- Components
- Mobile first approach
- Progressive Web App
- I18n Multilanguage Support

*This time you have definitely chosen the right libraries and build tools*



*Real World*

Rewriting Your Front  
End Every Six Weeks

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# Microservices

- Eureka
- 5 Microservices
- Kommunikation ausschließlich per REST (restTemplate)
- Interne und externe Services

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131

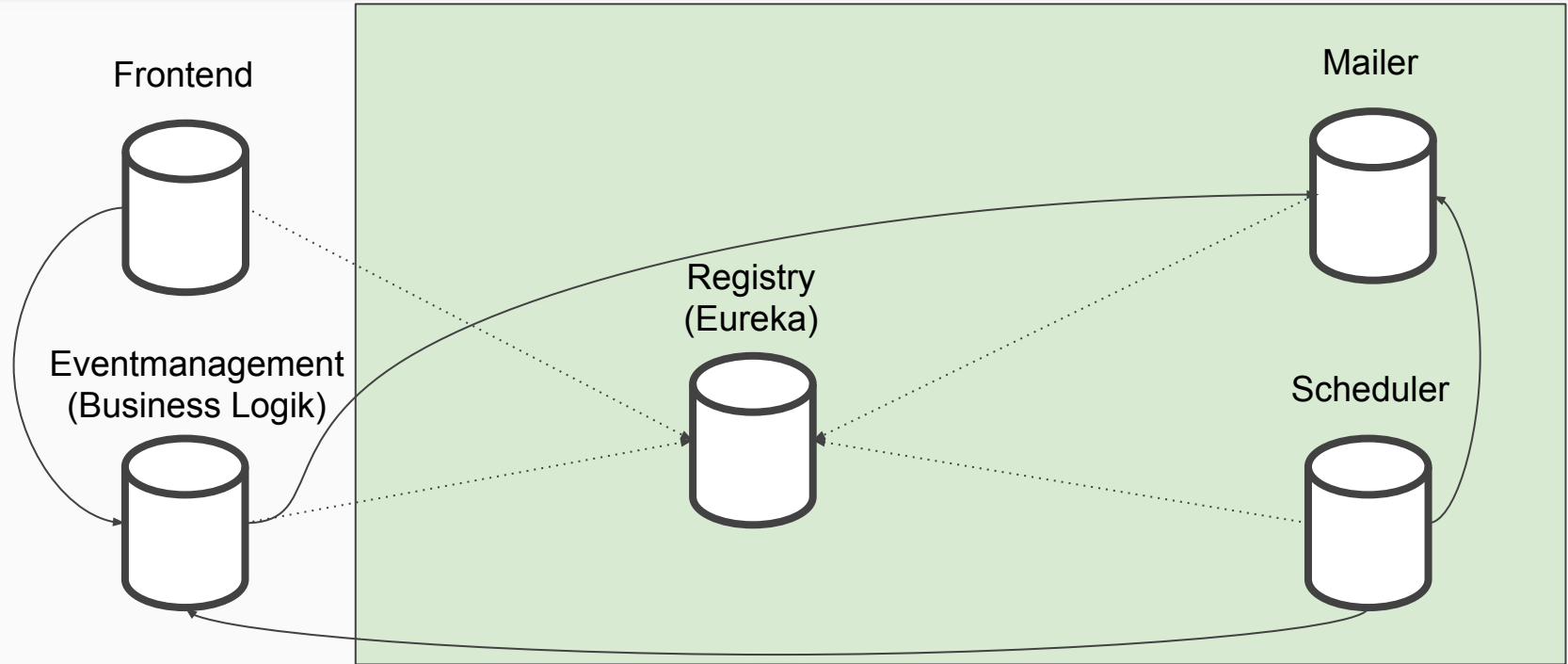


## Microservice Architecture

ALIGNING PRINCIPLES, PRACTICES, AND CULTURE

Mike Amundsen, Matt McLarty,  
Ronnie Mitra & Irakli Nadareishvili

# Microservices



# Demo

<http://localhost:8100>

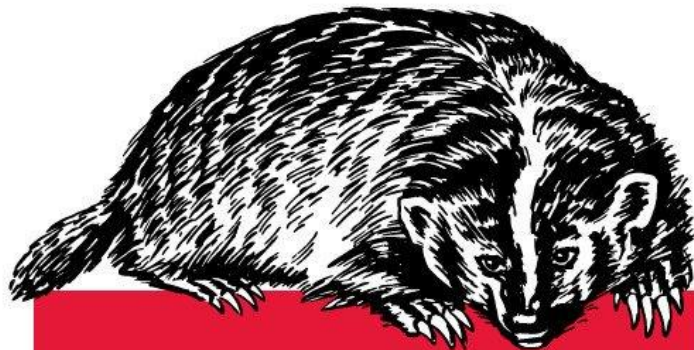
<http://localhost:8761/eureka/apps>

<http://localhost:8080/swagger-ui.html>

# Spring Security

- Authentifizierung
- Autorisierung (3 Rollen)
- Business Logik
- Cookie based Auth (mit http only)
- CSRF token
- Argon2
- Mit CORS Filter
- HTTPS only
- X\_FRAME\_OPTIONS\_HEADER
- XSS\_PROTECTION\_HEADER
- X\_CONTENT\_TYPE\_OPTIONS\_HEADER
- STRICT\_TRANSPORT\_SECURITY\_HEADER

*The definitive guide for all project managers*



What the fuck is security

*How to ignore it and deliver your project*

O'RELY

*Awn Thyme*

:P orly.coloncapitalp.com



# Dokumentation

- Dokumentation
- Inline Dokumentation
- Swagger
- compodoc

*Does it run? Just leave it alone.*



## Writing Code that Nobody Else Can Read

*The Definitive Guide*

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# Erfahrungen

*Cutting corners to meet arbitrary management deadlines*



*Essential*

Copying and Pasting  
from Stack Overflow

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*The internet will make those bad words go away*



*Essential*

Googling the  
Error Message

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*Software can be chaotic, but we make it work*



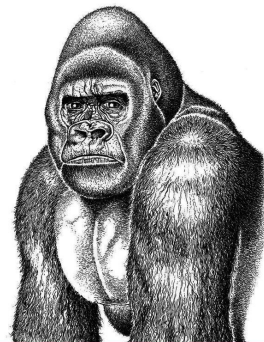
*Expert*

Trying Stuff  
Until it Works

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*Who are you kidding?*



“Temporary”  
Workarounds

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