

Code Driven Comms

Siemens Open Source Conference 2023



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Agenda

- Who is talking
- Where Communication Goes Code-Driven
- What is the need to be Code-Driven
- The Foundational Framework
- Rewards: Unterstanding the Outcomes
- A Real-world Example of Application Integration
- CMS Evaluation for the Next Era of Comms





Who is talking?

Christoph Lumme Communications Technology & Delivery



- 16 Years with Siemens
- Web/E-Commerce
- Based in Zurich
- Passion: Technology

Who is not talking today?



Fabian Fischer Communications Technology & Delivery

- 20 Years with Siemens
- Web/E-Commerce
- Based in Nuremberg
- Passion: Everything code



Where Communication Goes Code-Driven

- Technology
 - Infrastructure
 - Services
 - Applications
 - Processes



What is the need to be Code-Driven

2018 \rightarrow New era of Digital Comms

■ Agile way of working → Fast Delivery on Increments

VS

- Support business transformation
- Scale from one to many services

All external

- No control
- Unclear processes
- Lack of system stability and performance
- Long Release cycles (2-3 times year)





The Foundational Framework

- Empower with Knowledge: Building In-house expertise
- Streamline & Scale: Automation as a Key Driver
- Mastering Ownership: Our Code, Our Asset
- Data-Driven Decisions: Log Everything, Regulate Costs & Efforts
- Leveraging Innovation: Open Source & Serverless Solutions
- Fast & Flexible: Start Small, Constant Refactoring, Embrace YAGNI
- Loose coupling: API-First, Event based



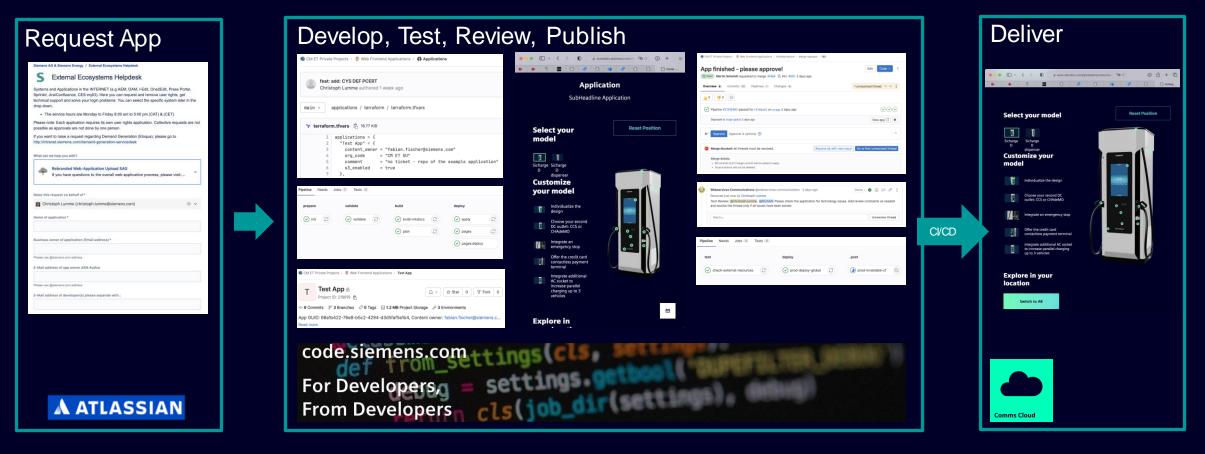


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SIEMENS

A real-world Example of Application Integration

- What: Integration of 3rd party code into siemens.com frontend (> 250 integrations, > 30 external partners)
- Challenge: Stick to our principles (own the code, automation, system stability) and ensure web consistency





CMS Evaluation for the Next Era of Comms

An open source and serverless alternative



