

Live-coding: Wir schreiben einen Microservice in Rust



UNDERSTAND.AI

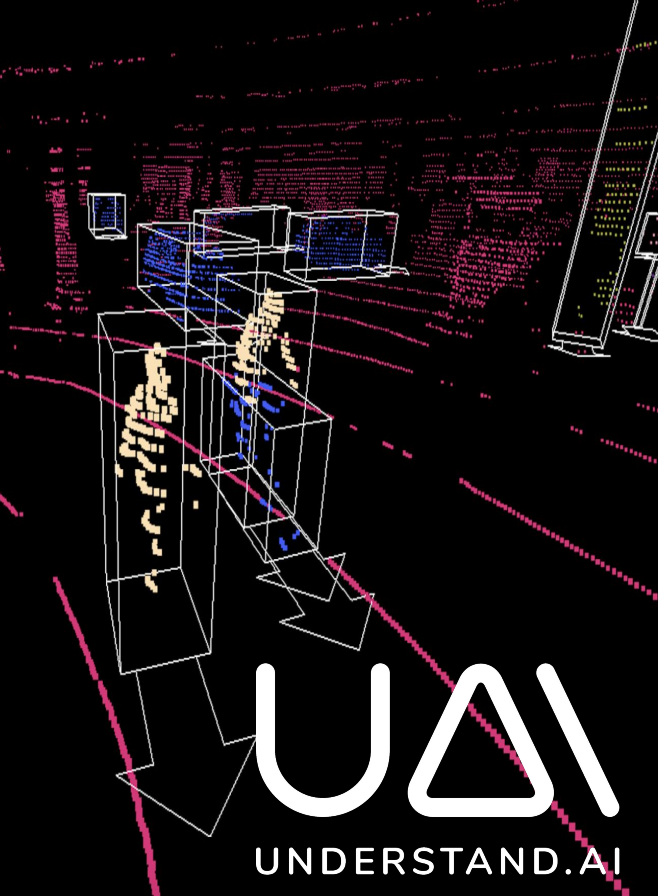
A dSPACE
COMPANY

About me



Kosta Welke
Cloud Monkey

Master of Computer Science
Writing code since the 90s
Passion to write good, robust, correct code
Interested in rust since 0.11 (2014)
4 years of production experience with rust
Software engineer, moving to cloud engineer



We Automate Annotations

We are hiring!



#GitOps



Deep Learning Engineer

Automation Engineer

Fullstack Engineer

Backend Engineer

Customer Success Engineer

Site Reliability Engineer

Cloud Software Architect

Wer hat schon...

01. ...sich Rust schonmal angeschaut?

02. ...in Rust einen Webservice entwickelt?

03. ...Rust produktiv eingesetzt?

Wer hatte in den letzten 4 Wochen...

01. ...eine NullPointerException?
02. ...ein cannot read property of undefined?
03. ...einen Bug, weil das Typsystem gelogen hat?

<https://github.com/kosta/axum-live-coding>

But wait! There's so much more...

Injecting State
like Database Clients

Logging/Tracing
with context information

Retries with
exponential backoff

Authentication

Testing

Catching Panics

Refusing to compile
Data Races

Streaming Request and
Response bodies

Thank you for your attention!