

Welcome to The AMOS Demo Day!

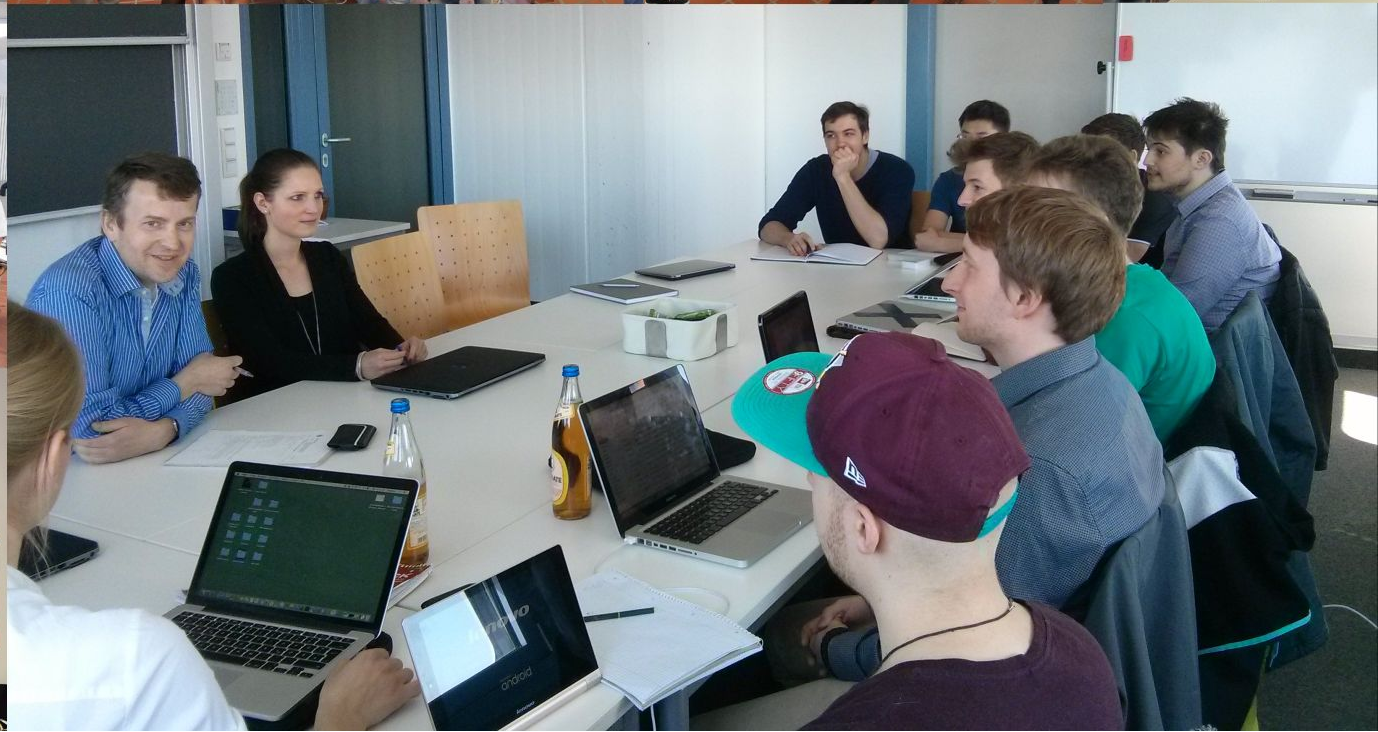
Dirk Riehle, FAU Erlangen

AMOS C02

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The Professorship of Open Source Software





Industry Partners



ACTANO

adorsys



CONSILEON



GRAU DATA

Hisense



MekTEC

msg

NEWSTORE



Raiffeisen Bank International



SENACOR

SEALSYSTEMS

SICK
Sensor Intelligence.

SIEMENS

SIEMENS
energy

SIEMENS
Healthineers

SOLYP



weber

WSAudiology



Participating Universities



Friedrich-Alexander-Universität
Erlangen-Nürnberg

Technische
Universität
Berlin



Freie Universität

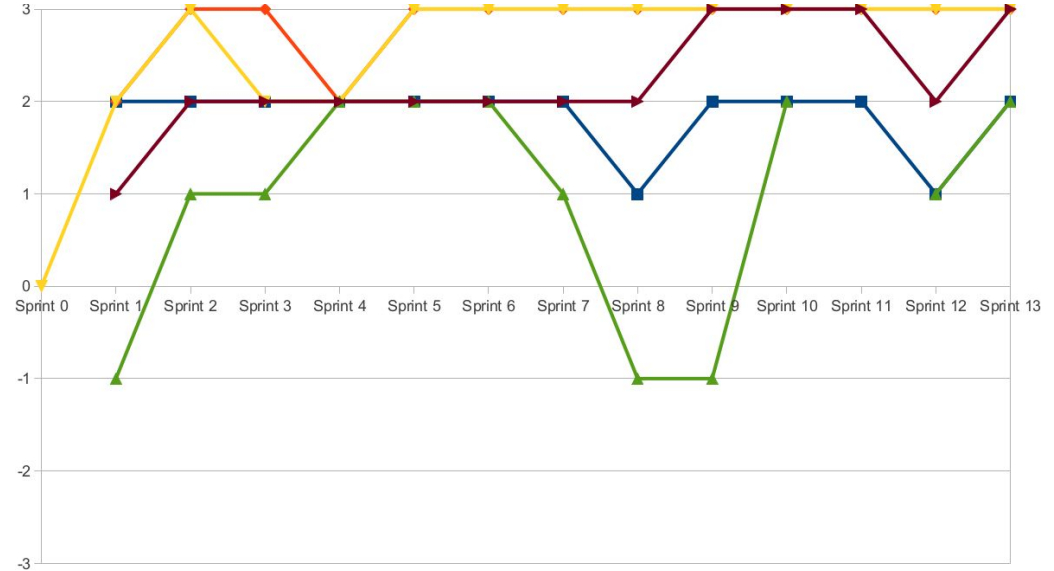


Berlin

Distributed Scrum Teams



Project Coaching and Support



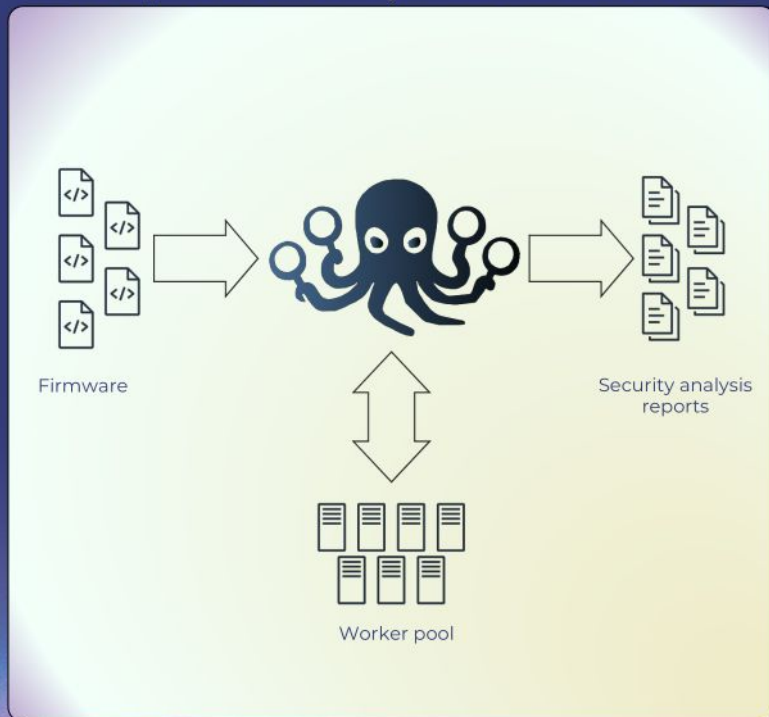
Demo Day Schedule

Time	Duration	Responsible	Title	Room
10:15	10 min	Riehle	Introduction	Main room
10:25	10 min	Teams	One slide summary	Main room
10:35	20 min	Teams	Demo	Demo rooms
10:55	20 min	Teams	Demo	Demo rooms
11:15	20 min	Teams	Demo	Demo rooms
11:35	5 min	Riehle	Conclusions	Main room

This Semester's Projects

#	Project	Industry Partner
1	EMBArk orchestration framework	Siemens Energy
2	Document data extractor	BUILD.ING
3	Smart routing	Meisterwerk
4	KI-getriebenes Testen	GRAU DATA
5	–	
6	–	
7	–	

EMBArk Orchestration Framework – Enterprise ready firmware security analysis



Built for penetration testers, developers and researchers to security test at scale

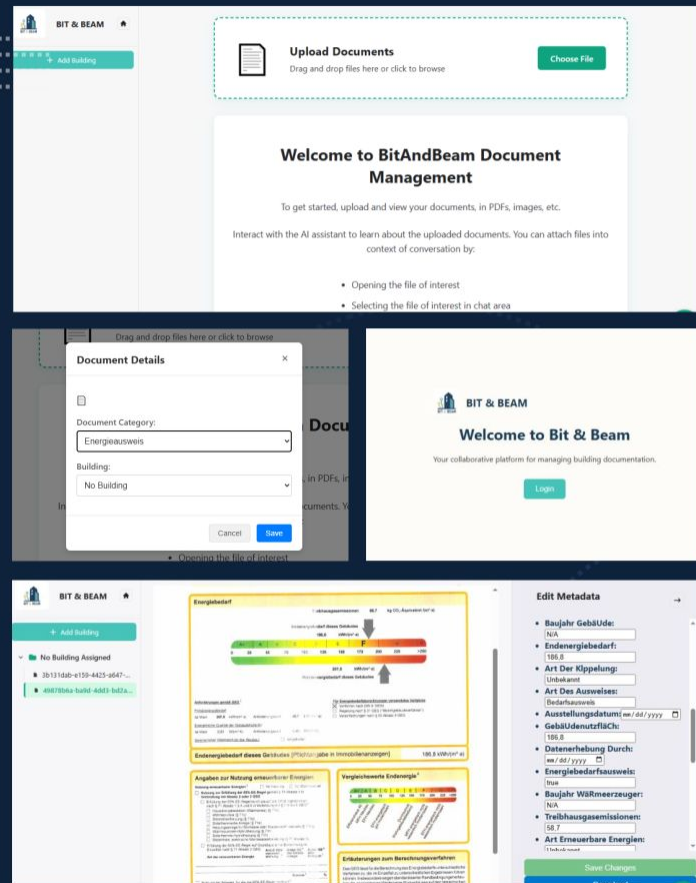
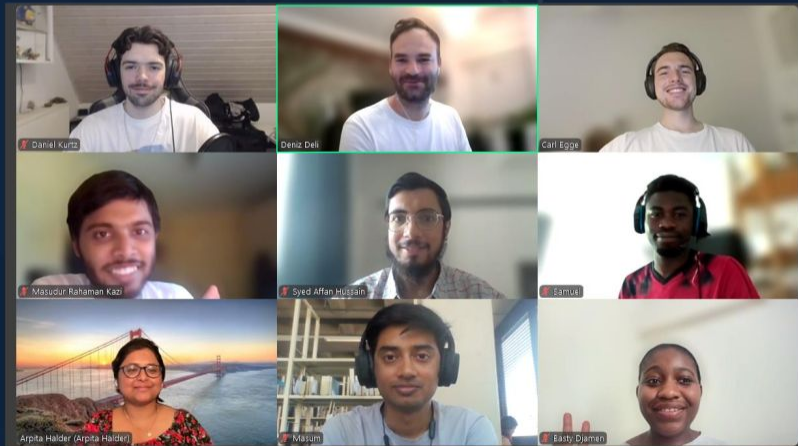
Modular orchestration of firmware analyses

Offline worker pool for parallel execution

API support for automation and integration



BitAndBeam: A Smart Building Document Management System





Our Mission:

To build an intelligent, automated route optimization tool that empowers organizations to efficiently assign appointments to field workers.

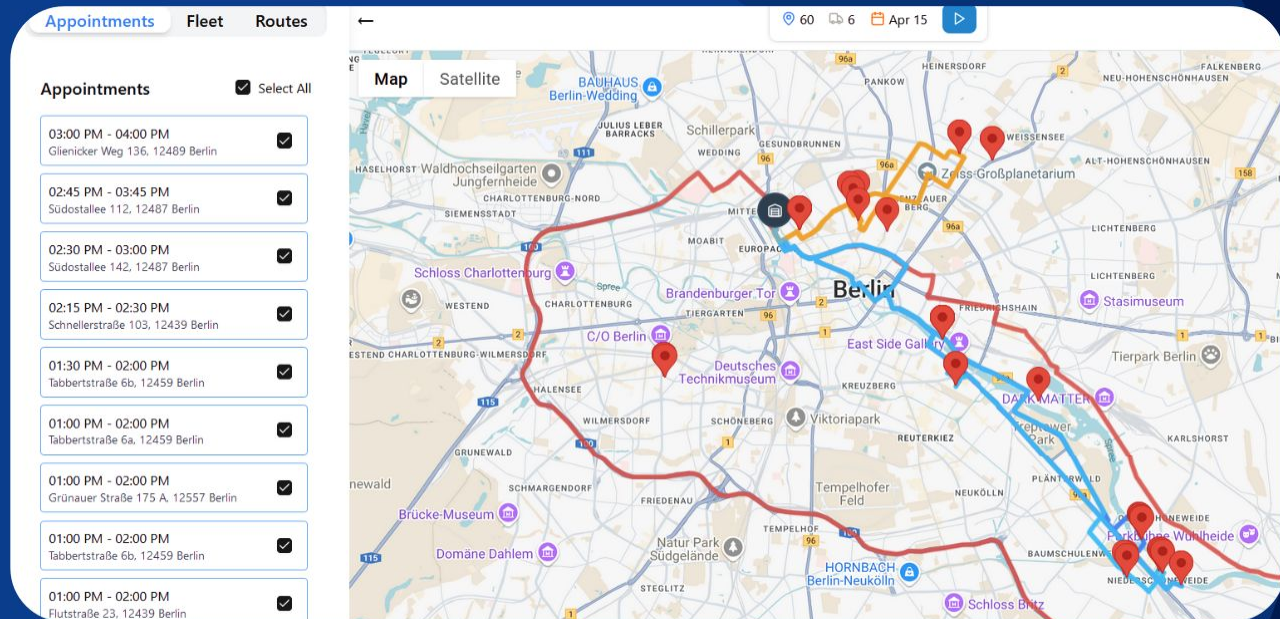
Meet Alice:

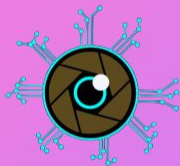
Alice is the Operations Coordinator.

She uses Excel, email, and Google Maps to manually plan routes for technicians.

It's slow, error-prone, and stressful.

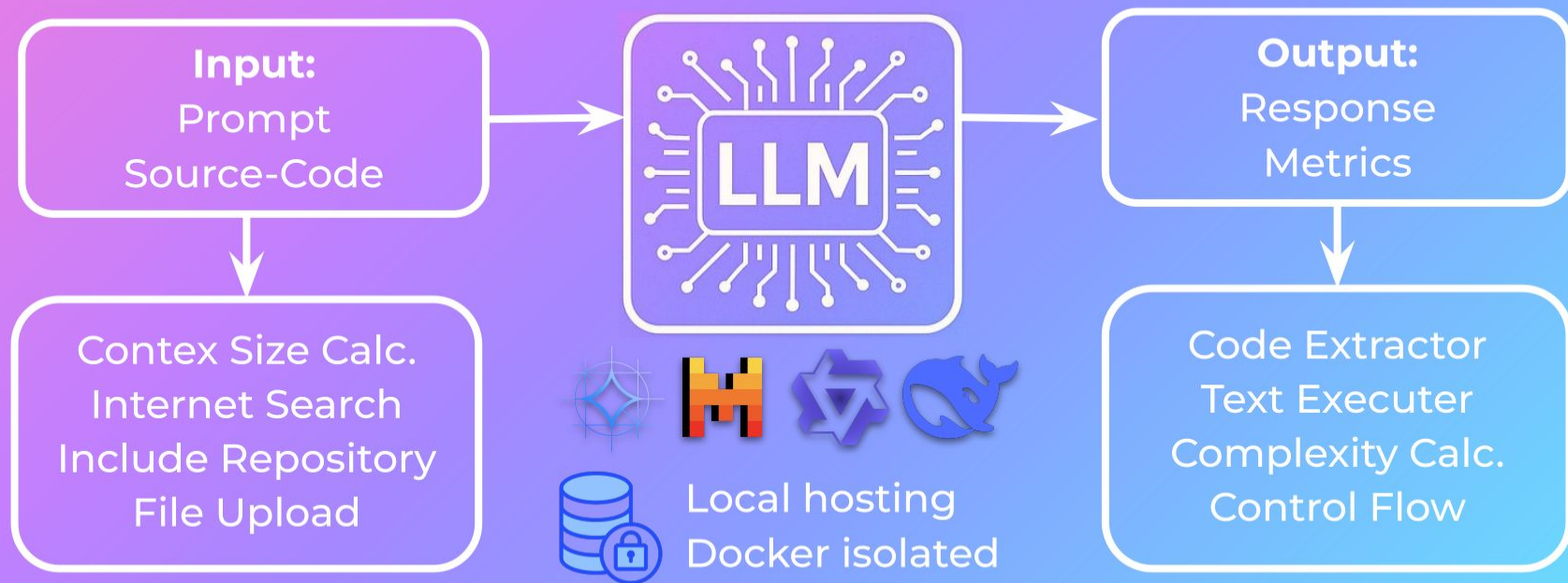
We built the Smart Route Planning App for Alice.





AI DRIVEN TESTING

Question: Examine LLM-generated Unit-test for Python code.



Let's go see the demos!

Please join a breakout session [1]

[1] If you don't see a choice window, please look to Breakout rooms in the menu bar or under More



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