Welcome!
The 2020 AMOS Demo Day

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AMOS H02

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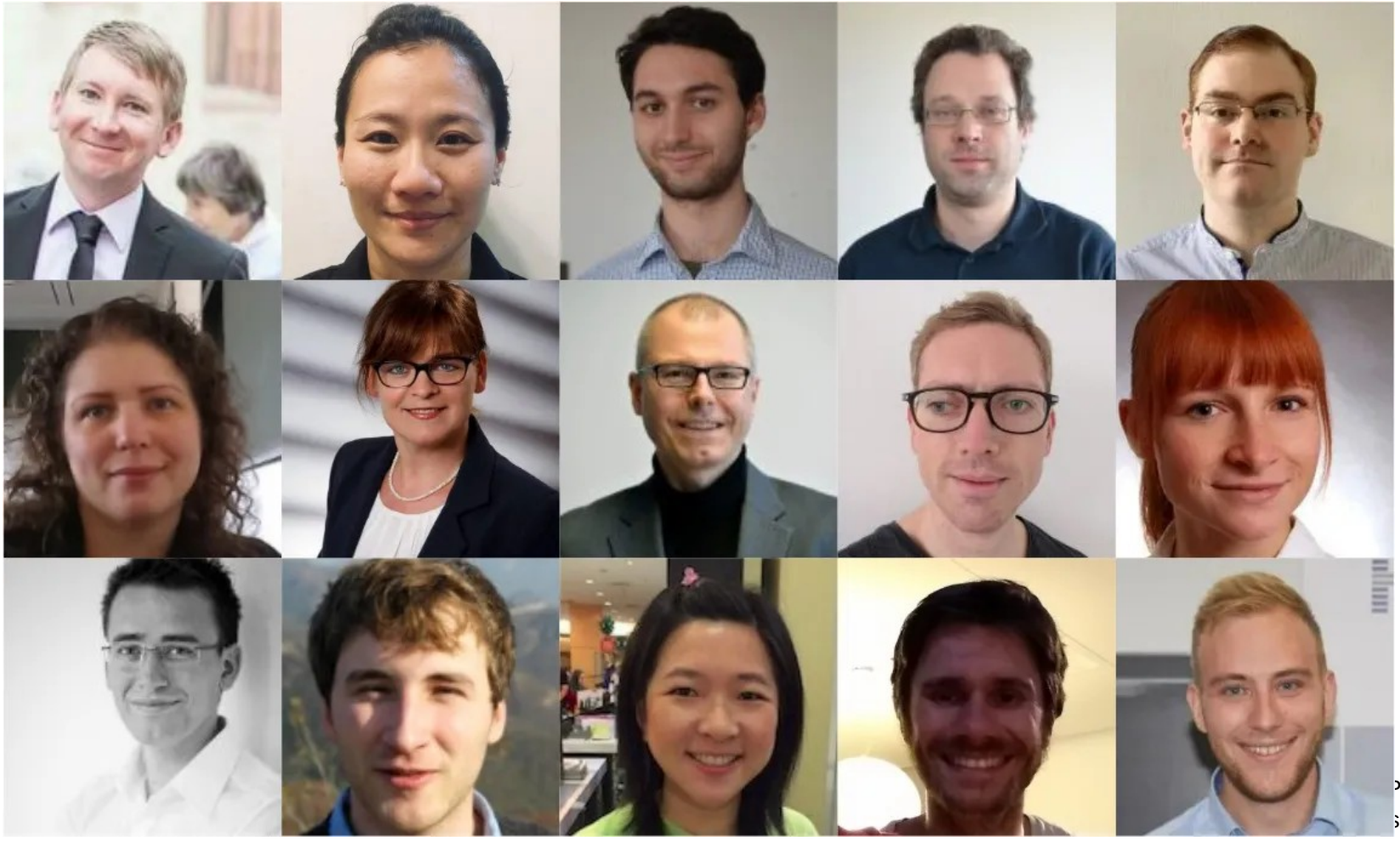
The Professorship for Open Source Software



Project
served

Industry Partners and Teaching Projects

Volkswagen

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The 2019 AMOS Projects

1. Logistics Dashboard
2. App4UCU
3. GitModConfig
4. NextHMI

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4Flow Project - Logistics Dashboard

The Real-time dashboard for logistics planners' application helps planners to communicate with balancers remotely and facilitate their work in the area of logistic.

Amos Team 1

WiSe 2019

iav

WLAN

UCU as automotive certified gateway to vehicle

Vehicle bus

(ETH, CAN, LIN)

Chassis

App4UCU

Technische Universität Berlin

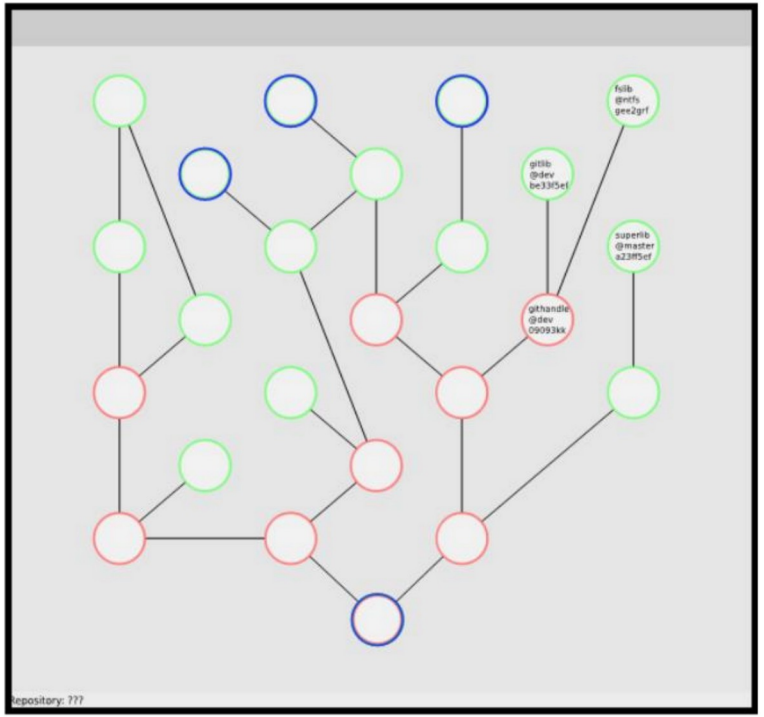
App4UCU connects the IAV owned UCU with any browser via Wi-Fi.

Technische Universität Berlin

CONFIGAROO

iav

- Configaroo allows effortless management of large distributed code bases
- Users can create and manage git repositories and submodules on multiple layers
- Dynamic visualization of repository dependencies in a comprehensive manner (i.e. dependency graphs)
- Supports large variety of graph layouts
- Provides visualization of dependencies ahead of time



Ne:xt HMI — the user-oriented, seamlessly integrated car operating system

Goal

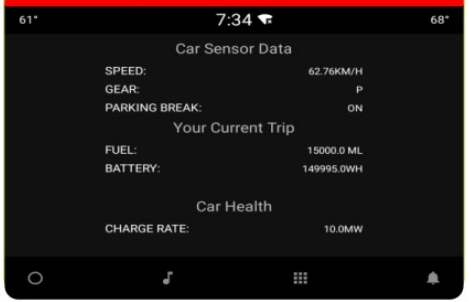
- Gather experience with Android Automotive OS
- Build a demo platform
- Discover limitations and opportunities

AAOS

- Android Automotive OS is a new OS from Google
- Currently under Development
- First car launches later this year

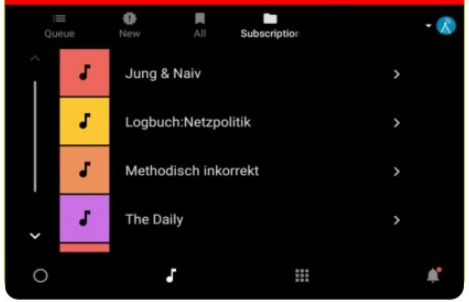
Acquires and displays values about the Car

Trip Computer



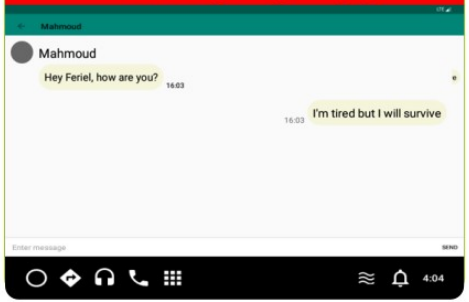
Car friendly user interface for Antennapod app

Podcast Player



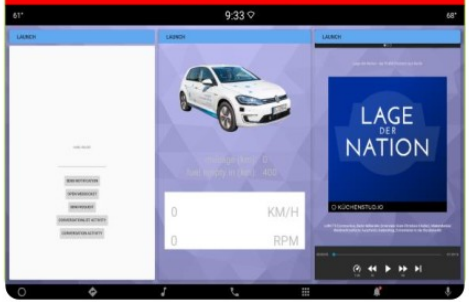
Read and write Messages in your Car

Messaging App



Start and switch between Apps easily

Launcher



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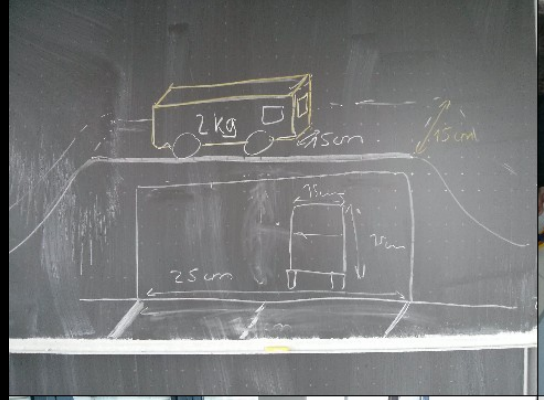
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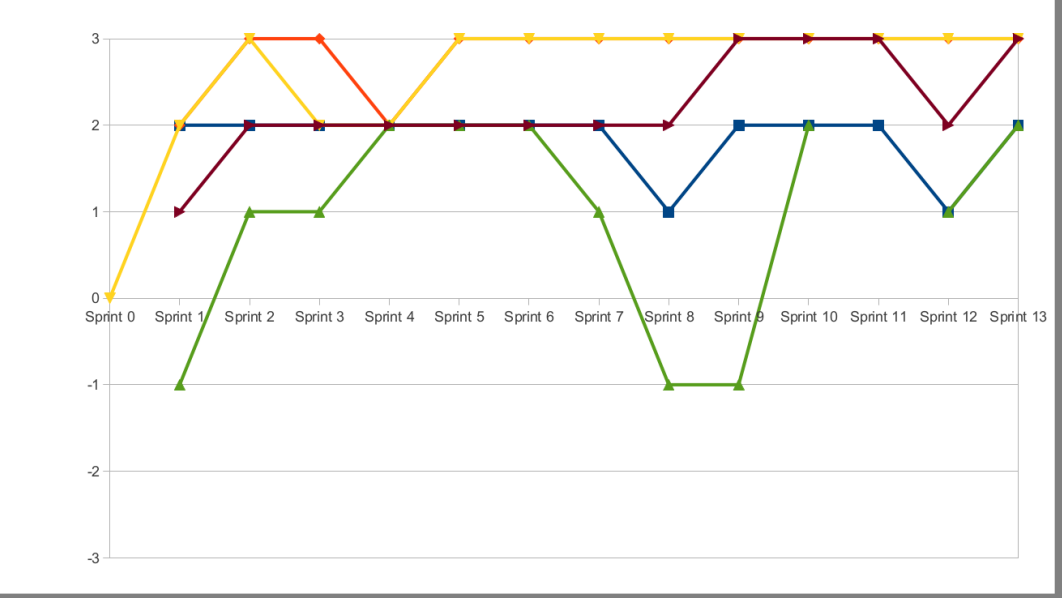
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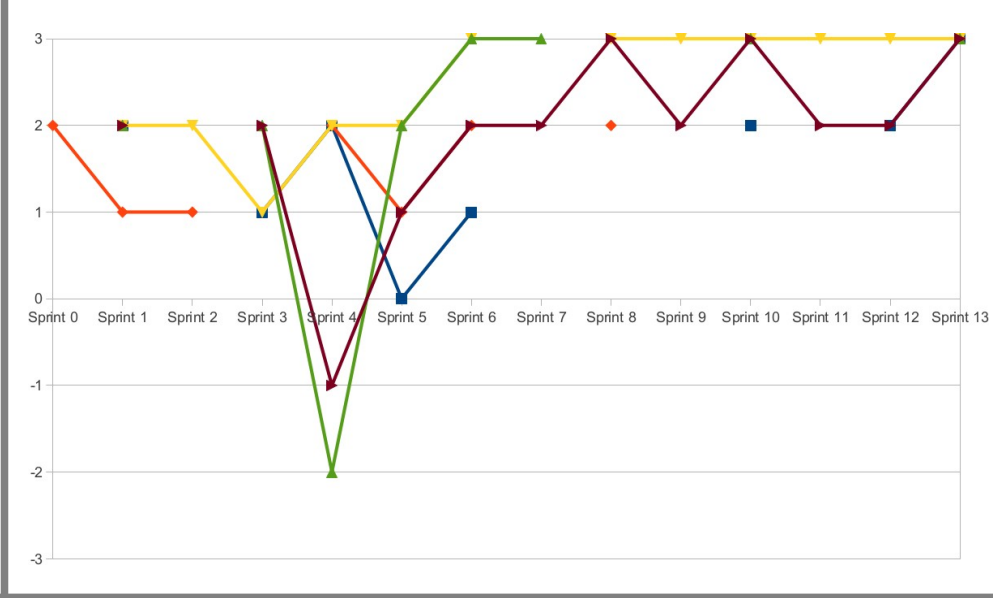
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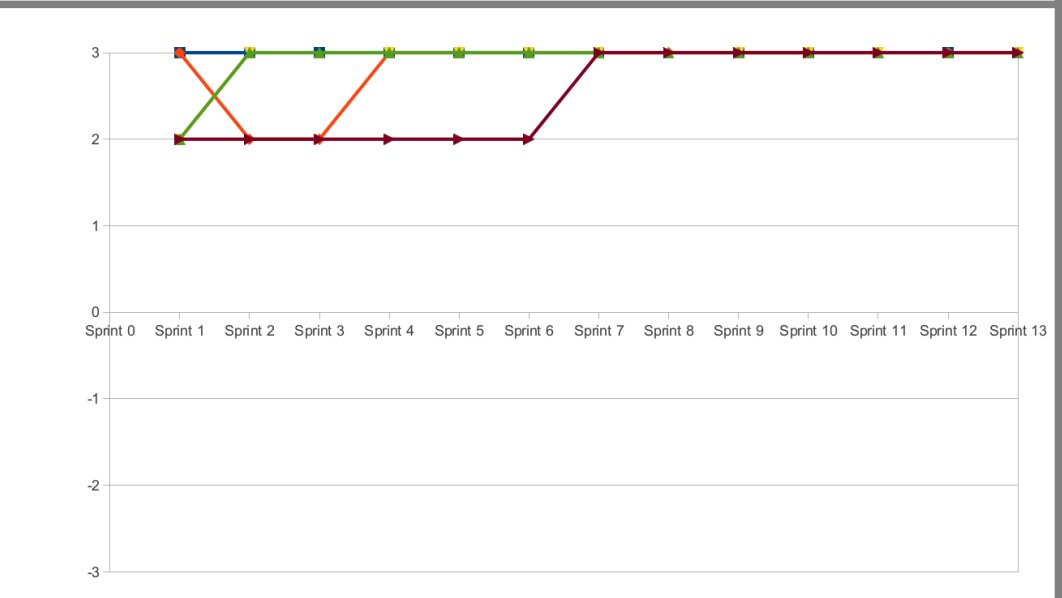
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Thank you! Questions?

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