

Command and Swarm

Optimize car2go service to better fit users needs, intelligent fleet usage and even more take care of the environment.

Project goal

Car2go

- Better fleet management
- Get customer to destination quickly.
- Efficient usage of electrically powered cars.

Customer

- Get to destination quickly.
- Don't wait long for a vehicle.
- Avoid getting into a traffic jam.
- Get home safely.

How to achieve this?

Our great team

- David, Algorithms
- Ramon, API wizard
- Robin, Backend man
- Jillian, Robot automatization
- Manuel, Interface
- Jakob, Presentation

- Swarm automatization
- Demand analysis
- High-level traffic analysis

Used gadgets

- AlphaBot 2
- Raspberry Pi (we've burned a few, argh!)
- Car2go Fleet Management API

Riding the road



