



The Intelligent C,mm,n

A car making driving more enjoyable

“A typical day for a C,mm,n user”

By Nick Leoné and Stefan Binnemars

Persona

- Jos (32 Year), manager
- Old Car
- Promotion » New C,mm,n(2 months)



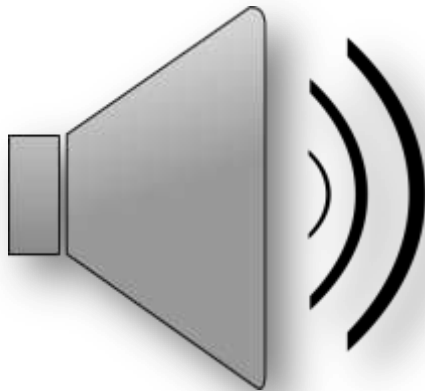
Scenario

- Wake-up/self-test
- Dashtop
 - Groceries
 - GPS/Price
- “Go to ‘work’ and stop at ‘school’”
 - ADAS: “to ‘work’ and stop at ‘school’”
 - Stopping in the area around the school will cost €....
- Detection of objects in sight
- Traffic jam
 - CACC/Platooning
- Only ADAS equipped cars are allowed in some areas (like schools). In town most vehicles are city-trikes.



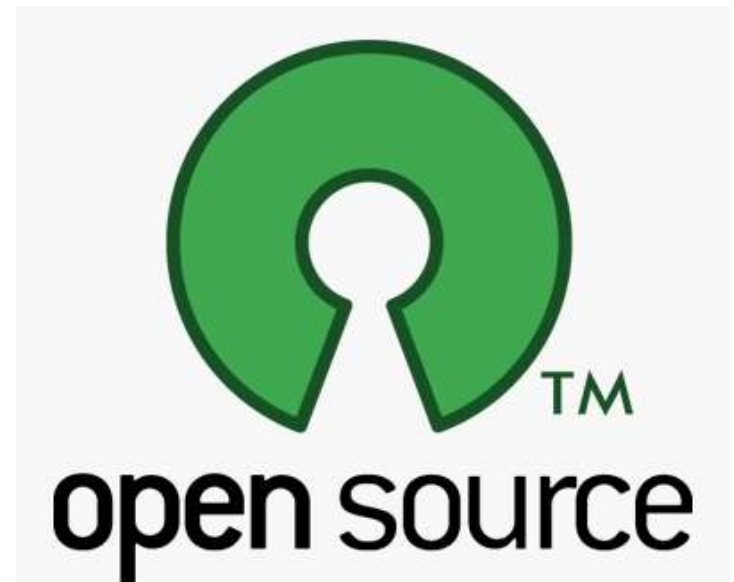
Scenario

- Dashtop
 - Auditory & Transparent display on windscreen
 - For e.g. agenda, notifications, etc.
 - Dependent on situations
 - Keeping focus on road, always keeping wheel in hand.



Scenario

- The Open Source platform is considered a big success in the car industry.
 - Everyone does his part, incrementally improving the product
- Good defined standards
 - Innovative products
 - Improved safety
 - All-benefit situation



Collision Avoidance



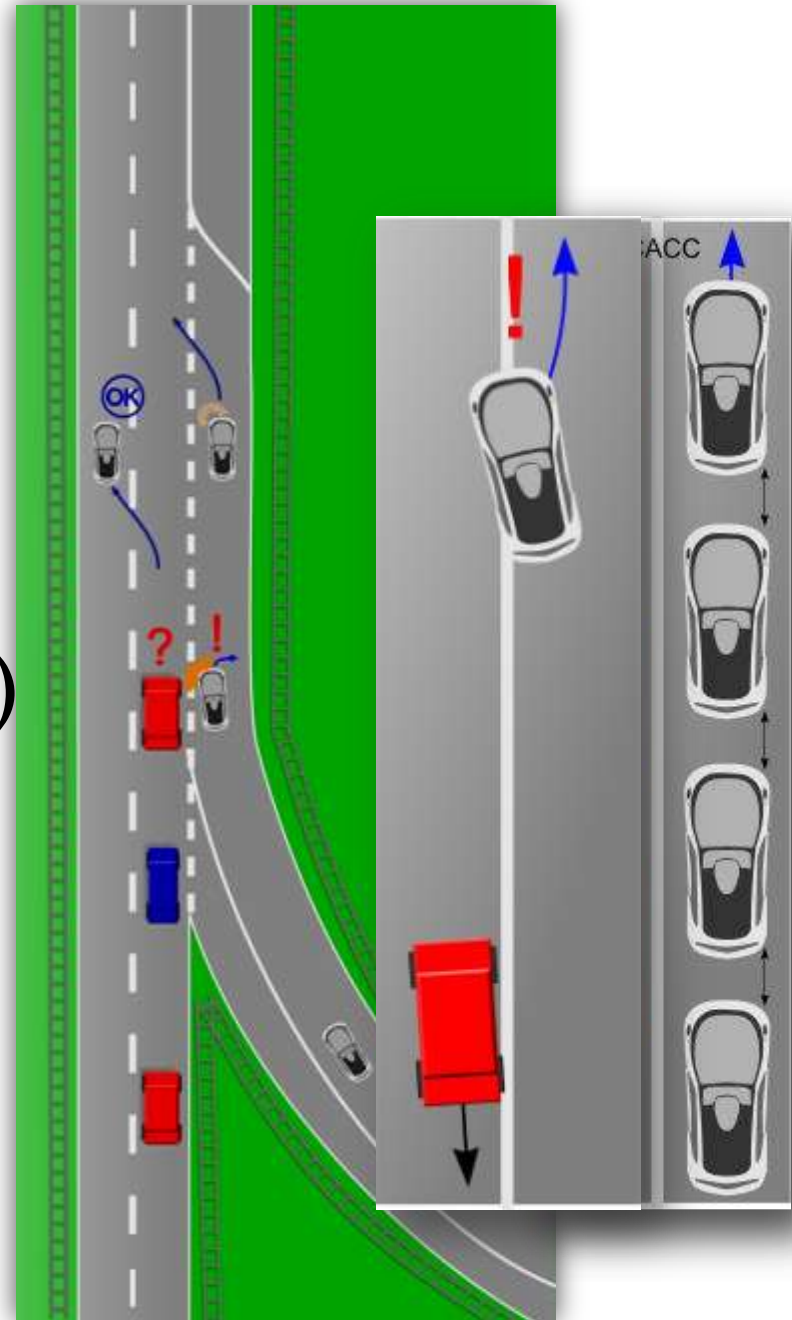
Scenario

- Easy parking
 - Automatically seeking available space



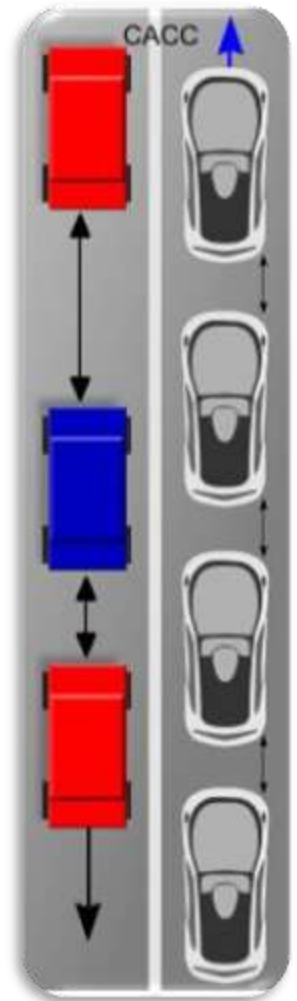
Solutions

- Sensors
- ACC/CACC
- Line detection
- LDA(Lane switching)



Practical Use

- Increased safety
 - Car detects potential dangers
 - Helps with decisions
 - But: still active involvement driver
- Increased Comfort
 - Helping on 'no-brain' tasks
 - Built-in interface
- Better traffic flow
 - Better use of road-space by CACC
 - Less head-tail collisions





Questions?