

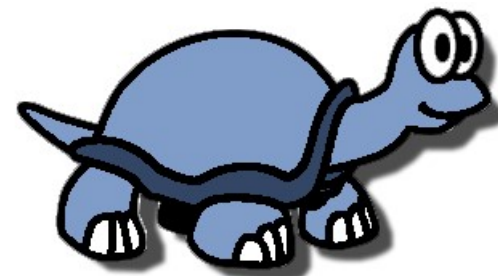
Car Gossip

Project Vision

Project Members

Federico Ciccozzi (supervisor)	
Sweden team	Croatian team
David Reypka (Project leader)	Nikola Vranešić (Team leader)
Mohammed Alserr	Matija Korpar
Achille Penna	Dino Jurina

Communication Policies



TortoiseSVN

Google calendar

Roles and responsibilities

SWEDISH TEAM	
Persons	Roles
David Reypka	Project Leader, Documentation manager
Mohammed Alserr	Testing leader, Persistence manager
Achille Penna	Requirements engineering Architecture manager

Roles and responsibilities

CROATIAN TEAM	
Persons	Roles
Nikola Vranešić	Team Leader, GUI manager
Matija Korpar	Lead Developer, Algorithms leader
Dino Jurina	Protocolist, SVN manager

"Car Gossip" is...

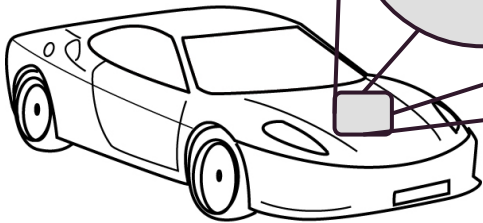


... a project based on collecting traffic information.

How does it work ?

INTERNAL CAR DEVICE:

- has an ID (car ID)
- can get the cars GPS position
- can calculate the direction, speed and acceleration of the car (using GPS)
- can send / receive "gossips" to / from nearby cars (via [DSRC](#))
- can send / receive "gossips" to / from the drivers smartphone / tablet / nav system (via bluetooth)

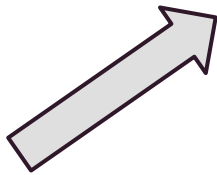


"car"

How does it work ?

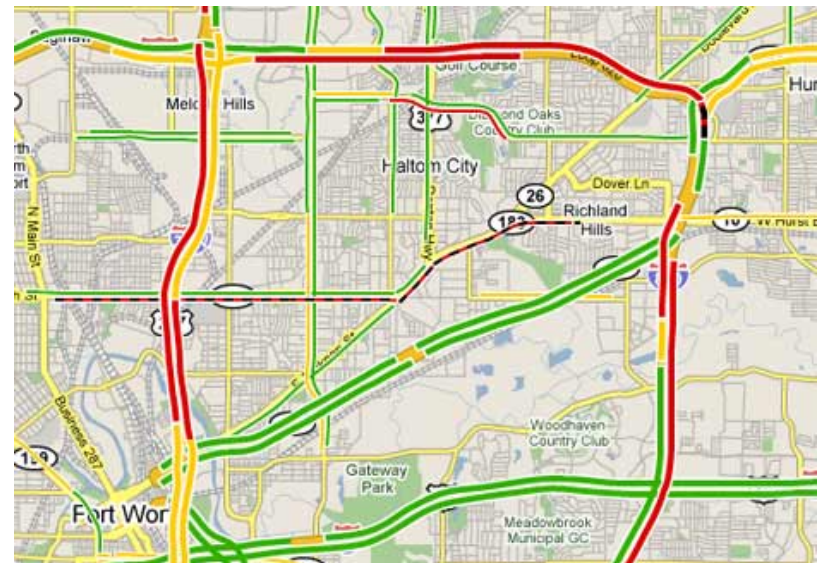
OFFLINE REAL TIME TRAFFIC MAPS

sending
gossips



"smartphone"

processing the gossips
into a traffic map



"car"

How does it work ?



Technologies

Android App - Java + Android SDK

Webserver - Java

DB - SQL

ETH's DB parser/simulator - Java or C# or C++

THE END

Questions ?