SensorTings API Hackathon

Summary

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What we did

- Use Case "Car tracking" (with Pascal de Haan, Dutch Police)
  - Install & configure FROST-Server locally
  - Create suitable data model
  - Create example workflow including
    - Creating demo entities
    - House-keeping (delete observations older than n minutes)
    - MQTT subscribe
    - System architecture
- Discussion on MQTT regarding
  - Scalability/Load-Balancing
  - Extensions ($expand, $filter)

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What we learned

- MQTT is an important feature to the users
  - v1.0 of the standard has issues
  - → push update of MQTT in standardization group
- Security is important to real-world scenarios
  - → push Best Practice Document from standardization group (work in progress)
- Small footprint is important for users when deciding for a server implementation → tune FROST docker deployment