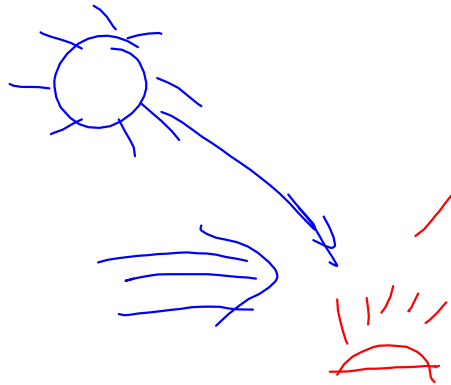


Context - awareness



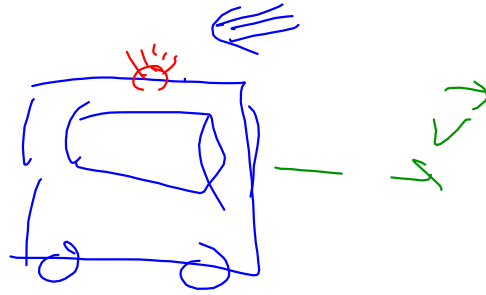
$$\text{data} = f(\text{surrounding})$$

time & place variability

Semantics

↳ Ontologies

↳ Rules

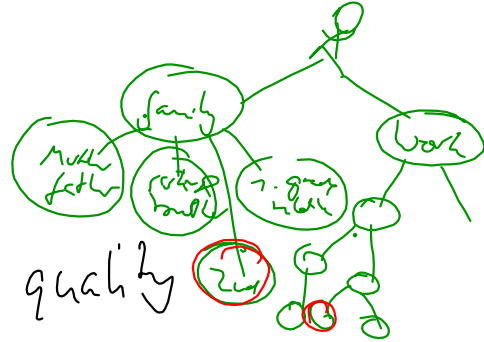


Security:   
    / Privacy   
    \ Reliability

"privacy framework for  
mobile sensor data"

Action-based   
    / Calibration   
    \

"Big-data"   
    — analysis based  
      on multiple parameters

- Potential topics
- Privacy framework ✓ 
  - Security & reliability - sensor quality 
  - Semantic Sensor integration → semantic descriptor  
↳ new services and integration
  - light-weight semantics → reduce complexity  
to sensor-executable rules

