

Security in Systems ?

Rail administration

Avionics

Car 2 Car

Communication

Internet of Things

e health

process industry

many 2 many

oil & gas

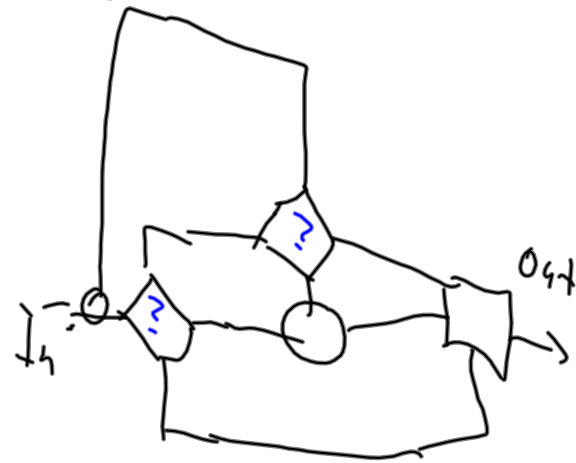


Security → in complex systems
"to secure" → "probability of risk"
→ a certain assurance against threats
"prevent" → risk mitigation

Context-aware

dynamic

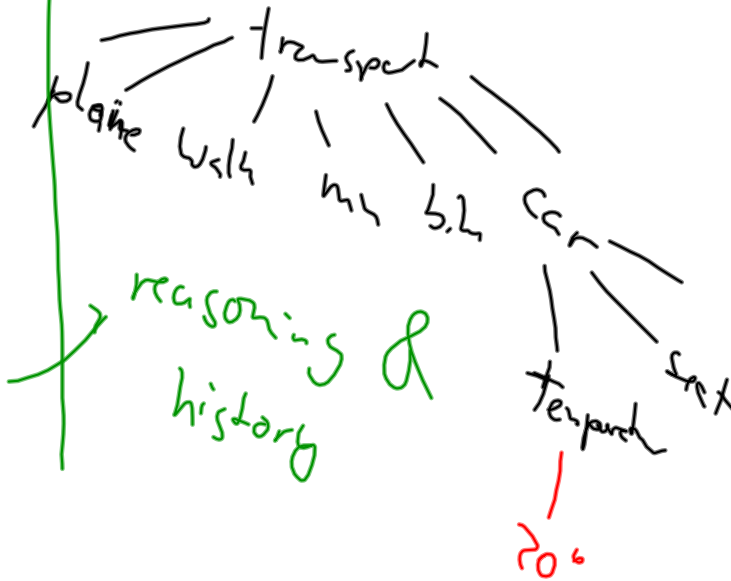
composed



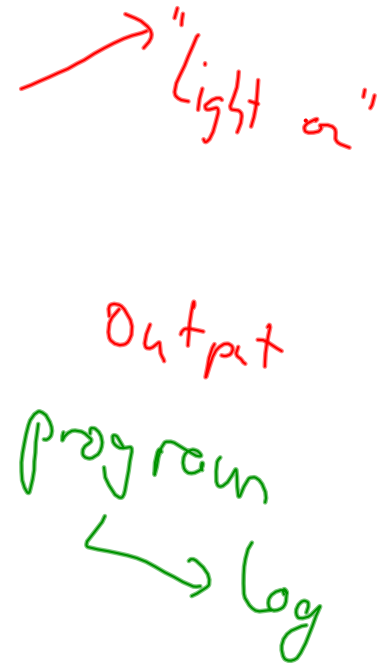
Preferences



quasistatic (situation)



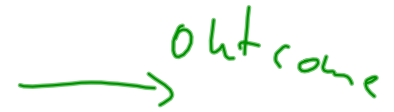
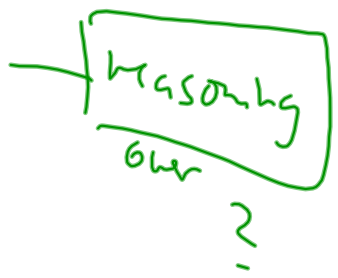
dynamic

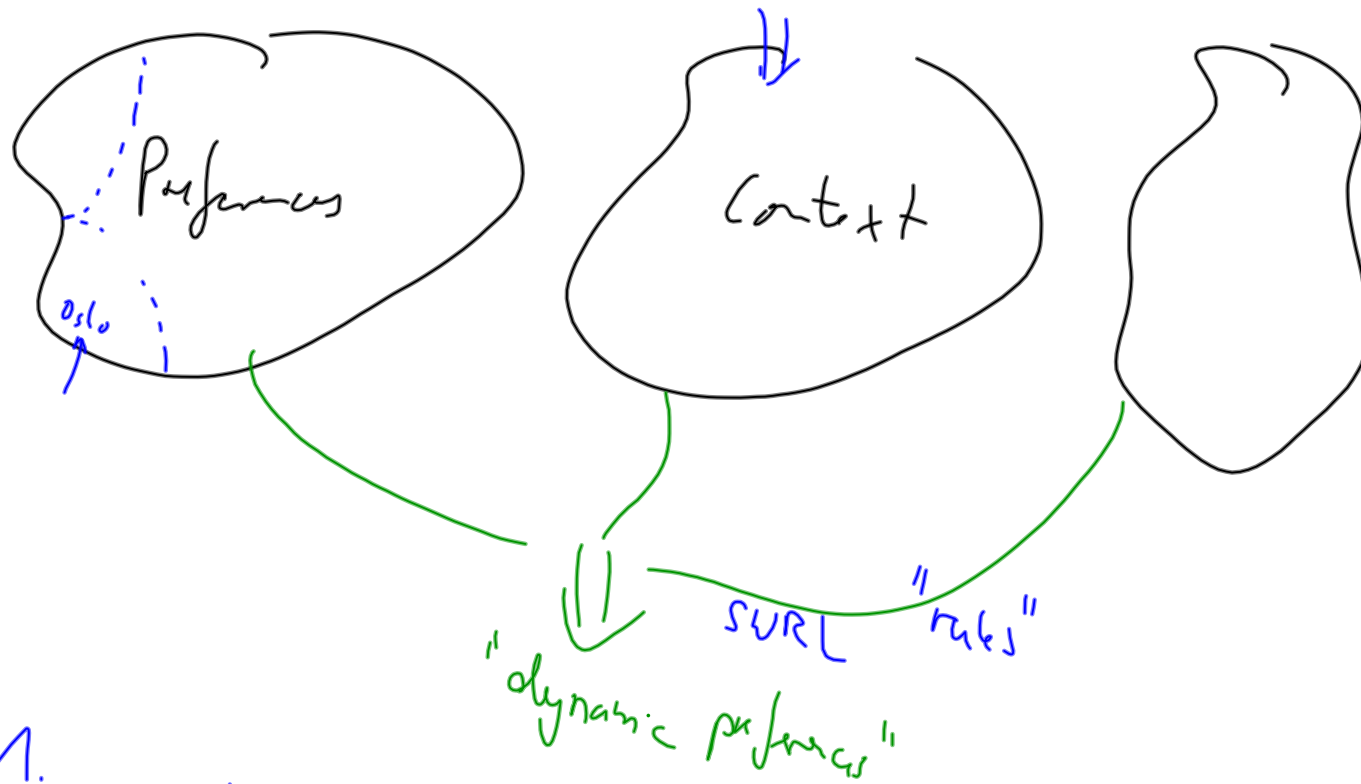


Input

dynamic context

- location
- movement
- people
- "profession"
- time of the year





1. what to model
2. input & output
3. structure for rules