HOW TO CREATE AGENTS IN THE MOST FLEXIBLE WAY? SUMMARY OF REFINEMENT MEETINGS
THE PROCESS OF AGENT CREATION
CURRENT STATUS (OPENPASS V. 0.6)

Vehicle profiles:
- BMW 5er

Vehicle components:
- AEB
- LKS
- ACC

Vehicle component & sensor profiles:
- AEB + Sensor profile 1
- AEB + Sensor profile 2
- ACC + Sensor profile 1
- ACC + Sensor profile 2

\[ \text{1 Algo} + n \text{ Sensors} \]
THE PROCESS OF AGENT CREATION
SUGGESTION: EXTENSION BY SYSTEM GROUPS

Vehicle profile

- AEB
  - AEB_new
  - AEB_old

- ACC
  - ACC_new
  - ACC_old

System groups

- BMW 5er
- LKS

System implementations

- AEB_new
- AEB_old
- ACC_new
- ACC_old

System profiles (parameters)

- AEB_new profile 1
- AEB_old profile 1
- AEB_old profile 2
- ACC_new profile 1
- ACC_new profile 2
- ACC_old profile 1

Each as a system in a systemConfig

Parameterization

Mutually exclusive

\[\text{systemConfig} \Rightarrow \text{each as a system in a systemConfig}\]
SUMMARY

CURRENT AGREEMENT

• Introduction of system groups (independently equipped) consisting of system implementations (mutually exclusive)

• Break the restriction of 1 Algo + n Sensors → system implementations can be arbitrarily complex

• Suggestion of a GUI realization of this concept using subsystems

• To-Do: user-friendly way to define system profiles (i.e. the parameterization)