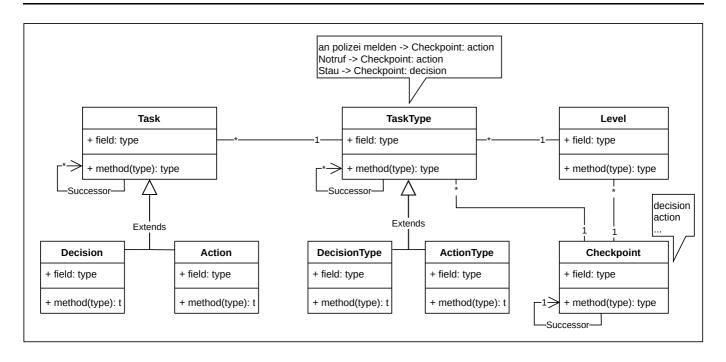
domain-model.md 2024-11-08

Domain Model



Task (Modul):

• In case it is a decision or action, it is a concrete event and needs to have a timestamp.

TaskType (or Classification?):

• Something where we can define an autonomy level for. Tasks with the same taskType has the same autonomy level (E.g. Unfall, Stau for Checkpoint decision).

Level (Autonomy Level):

Autonomy level configurable via database

Checkpoint:

- Aquisition, Analysis, Decision and Action
- The point where we want to check automation with autonomy levels
- Defines the possible autonomy levels per taskType.
- Alternative: Enums are a programmatical solution instead of levels and checkpoints. Hence, you cannot configure the possible autonomy per tasktype

Inherited classes decision and action:

- Examples for tasks
- Might be we will not need them, but they are helpful
 - to add special attributes for different checkpoints (e.g. timestamp)
 - to save different tasks (Aquisition, Analysis, Decision, Action) in different database tables.