

openPASS AC webcon - 10.10.2019

Donnerstag, 10. Oktober 2019 14:02

Date: 10.10.2019 14:00

Location: Skype-Besprechung

Participants

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Notes

Workshop October 22nd 2019:

- Start time will be 9 am, so that participants can travel to Munich the same morning. The agenda will be adjusted accordingly.
- Overview on the used third party libraries and other dependencies including the according licenses will be shown at the workshop. Current status of the CQs will be reported as well.
- Future rule: Only third party dependencies, which have been approved by the AC, can be incorporated in the source code
- Topic for high level targets: Installer

Integration of PCM / Harmonization of the simulation cores:

- Jan presented slides on the comparison of PCM simulation and scenario based simulation (20191010_openPASS_AC_future_PCM_usecase.pdf). Annotations:
 - o Slide 3: A comparison of different methodologies is drawn here (Not simulation cores or use cases as might be indicated by the title)
 - o The core for scenario-based simulation already allows for specific definition of trajectories, vehicle characteristics, defined agent selection for ADAS equipment, and predefined starting positions. The possibility to use stochastic distributions and random behavior is an extension within the core, which does not need to be used.
 - o A converter for generating the simulation configs from the database file could be a possible solution. The converter would have to be integrated in the GUI.
 - o A critical point for the integration of the PCM simulation is the scenery. In the database lane markings are only given as points and lines. A conversion to open Drive is difficult, as no lane or road information is given. The scenario-based simulation core needs an open Drive file for the scenery definition.
 - o The topic will be further discussed at the workshop. In the first place, the SC has to decide upon the integration of PCM (i.e. is it still a relevant feature for customers?).
- Topics for the further detailing after a decision by the SC:
 - o Show the application of a PCM simulation (Daimler)
 - o Show the manual adjustment of the configs to run a PCM simulation (BMW)