

openPASS Steering Committee Workshop

Meeting date: 22.10.2019

Location: Munich, BMW

Keeper of the minutes: Tuan Duong Quang, TÜV SÜD

Participants:

- Arun Das, BMW
- Manel Hammouda, BMW
- Thomas Platzer, BMW
- Jan Dobberstein, Daimler
- Per Lewerenz, Daimler
- Lukas Stark, on behalf of VWGoA
- Dr. Stefan Schoenawa, on behalf of VWGoA
- Dr. Dmitri Fix, ITK Engineering GmbH
- Dr. Daniel Schmidt, Robert Bosch GmbH
- Tuan Duong Quang, TÜV SÜD Auto Service GmbH

Topics:

openPASS webpage:

Daniel will send the vision of the webpage again because the last mail over the mail distribution was not received by everyone. Link to the webpage: <https://eclipsefdn-openpass.netlify.com/>.

Daniel will design an illustration based on the chart which was once shown in a meeting. This illustration gives an abstract overview of what openPASS is. Furthermore, include the three use cases of openPASS into the webpage.

Add a P.E.A.R.S. link to the webpage.

There will be a webpage training by Christopher Guindon. Daniel and Tuan will attend. Everybody is welcome! Tuan will speak with Christopher about content and duration. We will propose Christopher some days at which interested members can participate.

openPASS 1.0 Roadmap:

- Presentation of the roadmap
- Adjusting the roadmap:
 - GUI from VW is ready to be merged but waits for the final pull request from in-tech.
 - Daimler will check if the results plugin can be merged in the v0.6 until 07.11.19

High-Level Targets (HLT):

- VWGoA will enter their HLT into TULEAP in the next days.
- Installation: installation process should be more comfortable than now. The QT installation will be kept. It is technically feasible to include the 3rd party dependencies into the installation process. Target should be realized until one release before 1.0
- Getting started: This target helps the user to have an easier entrance into openPASS but does not improve openPASS itself. It is a nice to have for the user. This should be done until V1.0
- PCM integration into simulation-based core: PCM is one way of having an accident resimulation. It seems to be a promising approach to use a converter (embedded in the GUI) in order to generate configs for the new simulation core to resimulate a PCM case. A closer evaluation needs to be done to proof the functionality of such a

conversion. Although lane markings are provided in a PCM scenario, it is not trivial to identify individual lanes or even roads from the lane markings. Therefore, a conversion to openDRIVE is a challenging task and shortcomings (e.g. in representing lane markings and the course of the lanes) are expected. It needs to be evaluated if this shortcoming is crucial or can be neglected for the purpose of PCM simulations.

- Components:
 - criticality component should be done until v0.7
 - Implement observer according to publish subscribe principle latest 1.0. The earlier the better
- Simulation Core Extension should be done latest V1.0

For each category there will be a requirement team which formulate the user stories. This team consists of at least 2 people. The categories can be found on the presentation slides. The focus lies on the content and not the implementation of the epics. To assign for one epic write your name in TULEAP in the description. The requirement teams will also think about how long it will take to realize this epic. The further HLTs will be discussed on the SC-Meeting on the 24th October 2019. The deadline for the assignment of the requirement team to the categories will be set on the SC-Meeting.

openPASS Renaming:

Proposal of Arun to change the acronym of openPASS from open Platform for Assessment of Safety System to open Platform for Assessment to System Safety. Daimler and VW will take this discussion into their houses.

Workshop AC+SC

The next workshop will be held on the 4th and 5th December. Location will be clarified.

Others:

Tuan will update SC about news of openSCENARIO, since TÜV SÜD is member in one of the ASAM working groups of openSCENARIO.

It would be nice to know in which projects openPASS is involved. Motivation that we are not the only users.

Overview necessary who is working on which topics (e.g. BMW is working on the illustration of a junction)

Jan will clean up TULEAP of his user stories (change status).

Meeting minutes can be found here: <https://wiki.eclipse.org/openPASS-WG>