




openPASS AC - 22.04.2021

Donnerstag, 22. April 2021 15:30

Date: 22.04.2021 15:30

Location: Microsoft Teams

Participants

-  [Das Arun, FG-461](#) (BMW Group)
-  [Platzer Thomas, EG-342](#) (BMW Group)
-  jupp.tscheak@daimler.com (Mercedes Benz AG on behalf of Daimler TSS)
-  Manel.Hammouda@bmw.de (BMW Group)
-  Per.Lewerenz@daimler.com (Mercedes Benz AG on behalf of Daimler TSS)
-  [Michael Scharfenberg](#) (ITK Engineering GmbH)
-  [Duong Quang, Tuan](#) (TÜV SÜD Auto Service GmbH)
-  [Lucas, Gwendal, Dr. \(K-AERT/A\)](#) (VW on behalf of VW GoA)
-  [Schoenawa, Stefan, Dr. \(K-AERT/A\)](#) (VW on behalf of VW GoA)
-  Dmitri.Fix@itk-engineering.de (ITK Engineering GmbH)
-  Daniel.Schmidt6@de.bosch.com (Robert Bosch GmbH)

Notes

Merge requests and current development activities

The merge request "New features, end-to-end test framework, bugfixes and build system improvements" by in-tech / BMW has been reviewed by ITK:

https://gitlab.eclipse.org/eclipse/simopenpass/simopenpass/-/merge_requests/10

There are some minor findings, which will be fixed by in-tech in the next days.

Intech / BMW has opened a second merge request which contains the proposal for a new documentation based on Sphinx:

https://gitlab.eclipse.org/eclipse/simopenpass/simopenpass/-/merge_requests/12

Feedback and suggestions are welcome! For the collaboration and discussion the merge request should be used. The comments are an easy way to discuss changes and amendments.

Conan: ITK is currently in the progress of setting Conan up.

PCM: A merge request reintegrating the PCM feature will be opened by ITK / Daimler TSS as soon as the merge request 10 is merged.

CI: in-tech / BMW is currently in the process of setting up the Windows build. The CI can be found here:

https://ci.eclipse.org/simopenpass/job/openPASS_simulator_build/

OpenSCENARIO: The implementation of a standalone OpenSCENARIO Engine and the API to couple it with an environment simulator (openPASS) is in progress. To define the underlying structure and align on the API, a lot of discussions are currently needed. In the following is the list of requirement refinement meetings for technical discussions:

- 30.03.2021 Discussion on basic structure
- 13.04.2021 Discussion on basic structure
- 16.04.2021 Current implementation of map interpretation and coordinate systems in openPASS as basis for the map interface (Presentation see Att.1).

If you plan to attend one of the following meetings, contact one of the attendees to forward you the meeting or approach Arun Das.

Definition of Done

The working group needs to align on a Definition of Done (DoD) for user stories. Relevant aspects for the DoDs have been discussed in the meeting. A consolidated proposal for the DoDs has been worked out by BMW for further discussion:

- Code complies to coding guidelines (tbd)
- Classes, interfaces and public methods are documented inline
- Features are documented in the user documentation in Sphinx
- New and changed code is tested through unit tests with a line coverage of at least 80%
- Test coverage through unit tests is similar or higher than before the changes
- New feature is tested through E2E tests
- All tests are integrated in CMake / E2E test framework
- Code compiles and tests run successfully on CI
- Above rules also apply to changed code sections

The above proposal will be discussed in the next AC.

Renaming of Master and Slave

To prevent racism in code, it has been decided to rename the openPassMaster.exe and openPassSlave.exe.

First ideas for the renaming:

- Master: Main, Manager
- Slave: Agent, SimulationCore, Core, Client

The naming will be discussed again in the next AC. The changes shall be included in the release v0.8. In order to prevent large merge conflicts the renaming will be done as last change before the release. All other features will be merged before the renaming.

Website

The working group received external, that the simopenpass repository is difficult to find. A link is already included on the webpage <https://openpass.eclipse.org/> as "Download" button. Tuan will include an additional link on the Eclipsepedia page <https://wiki.eclipse.org/OpenPASS-WG>.

The new user documentation shall also be available online. Sphinx builds static html websites, which need to be provided on some Eclipse server. Tuan will investigate options with the Eclipse Foundation. Possibilities will be presented in the next AC.