openPASS AC - 28.01.2021

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Date: 28.01.2021 15:30
Location: Microsoft Teams-Besprechung
Participants

- ✅ Das Arun, FG-461 (BMW Group)
- ✅ Platzer Thomas, EG-342 (BMW Group)
- ✅ Per.Lewerenz@daimler.com (Mercedes Benz AG on behalf of Daimler TSS)
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- ✅ Duong Quang, Tuan (TÜV SÜD Auto Service GmbH)
- ✅ Daniel.Schmidt6@de.bosch.com (Robert Bosch GmbH)
- ✅ Schoenawa, Stefan, Dr. (K-AERT/A) (VW on behalf of VW GoA)
- ✅ Michael Scharfenberg (ITK Engineering GmbH)

Notes

Current Status and Next Steps for OSC API and Implementation
The concept of having an API for abstraction and an independent implementation for OpenSCENARIO 1.0 is of great interest in the field. Thus, the development of the API and scenario interpreter will happen in a separate repository. The repository will also be under the sim@openpass project and EPL2.0 license. In the simopenpass repo it can be included as a git submodule.
A first draft is currently being developed by BMW and intech and will be pushed to the repo as as possible. This will be a code base to continue the discussion and jointly develop the API and functionality.
Further requirement refinement meetings will follow.

Sphinx as new Framework for Documentation
Arun presented a first prototype of a sphinx built documentation for openPASS. Also the source files, written in rst, and build procedure have been shown. Within this first version, BMW has already restructured the content and proposed a more intuitive documentation setup.
The AC has decided that Sphinx will be used as framework for building the documentation in future. BMW will commit the sphinx based version. Based on the draft, the structure will be discussed within the WG.
The documentation can be built as html and pdf. Especially the html is well suited for online hosting. There are several possibilities (e.g. eclipse servers, readthedocs).

Exemplary Configs for openPASS
Corresponding to issue https://gitlab.eclipse.org/eclipse/simopenpass/simopenpass/-/issues/7 a few exemplary config sets are needed to demonstrate the functionality of openPASS. This will be provided from two sources:
- Simple configs with one feature each for testing with E2E-Tests. They also serve as example on how to use those features in openPASS
- Complex scenarios for demonstration purposes. These will also be tested for executability within E2E-Tests.

The way to integrate an overview of supported features as well as shortcomings (e.g. in the support of OpenDRIVE and OpenSCENARIO) in the documentation has to be discussed. The discussion will happen along with the decision on the overall documentation structure.

Planning of Release v0.8

The roadmap towards release v0.8 is not yet clear. Each issue should have an assignee and a timeline needs to be set up. The release planning will be continued in an appointment on 04.02.2021 2-3pm organized by Tuan.