











openPASS AC - 25.03.2021

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Location: Microsoft Teams-Besprechung

Participants

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Notes

Update concerning OpenSCENARIO API / Engine

First draft for the API is available:

https://gitlab.eclipse.org/eclipse/simopenpass/scenario_api/-/tree/master/MantleAPI/include/MantleAPI

The next step is an implementation of the scenario engine and utilization of the API through openPASS, in order to run a first very simple simulation. BMW is currently working on this setup and will commit it as soon as possible.

Further extensions will follow afterwards to enable actions, conditions and other features from OpenSCENARIO. It will take a few months till the status quo is reached with the new implementation. In the meanwhile the requirement refinement meetings of partners contributing to the implementation will continue (last meeting was on 17th March 2021).

In parallel to our activities we should consider learning from other OpenSCENARIO implementations (e.g. esmini). Possibly we can even create larger synergies by collaborating with other initiatives.

New Merge Request

BMW and intech have created a new merge request on Gitlab:

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

The content has been discussed briefly.

The target for completion of the review is mid of April.

Resource Packs and Dedicated Agents for our CI

As part of BMW's initiative to set up the CI, the available infrastructure had to be extended. Therefore, BMW has assigned 2 resource packs for the Linux build. Bosch has assigned 1 dedicated agent which will be used for the Windows build. Daimler TSS will check if further resources are available and can be assigned to the project.

Extended Contribution Guideline

An updated contribution guideline is available and merged into the servant branch:

<https://gitlab.eclipse.org/eclipse/simopenpass/simopenpass/-/blob/servant/CONTRIBUTING.md>

Minor changes have been discussed in the meeting and will be amended by Tuan.

Implementation of traffic lights

VV Methoden is currently implementing traffic lights in openPASS. The definition of traffic lights is imported from the OpenDRIVE map. OpenSCENARIO describes how the traffic lights are controlled. It is not yet clear if a model will be provided, that can react to traffic lights.