openPASS AC - 20.05.2021

Donnerstag, 20. Mai 2021　　15:23

Date: 20.05.2021 15:30
Location: Microsoft Teams-Besprechung
Participants

- [Das Arun, FG-461](#) (BMW Group)
- [Hammouda Manel, (Manel.Hammouda@bmw.de)](#) (BMW Group)
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- [Michael Scharfenberg](#) (ITK Engineering GmbH)
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Notes

Release Planning
We should announce the version 0.8 as an official release on the Eclipse webpage.
Tuan will start the release review process.

Relation of YASE and openPASS (i.e. repository, committer)
The YASE (Yet Agnostic Scenario Engine / Another Scenario Engine) package is a simulator agnostic
scenario engine (see: https://gitlab.eclipse.org/mbauerm6f/simopenpass/-/tree/master/common/yase).

The AC has decided to support YASE by offering it a official repository in the openPASS Working Group.
The new repository will be called "YASE". Max Bauer is the main contributor for YASE. A committer
election for Max Bauer will be started by Dmitri.

Current status of Conan (ITK)
Michael gave a short demo on the functionality of Conan and the current setup. Conan is now able to
build the FMI library and OSI. In the next step, Conan and Cmake will be brought together.

Hosting of documentation on webserver
The Sphinx documentation is compiled into a static HTML webpage. Hosting is possible on the web
space provided by Eclipse Foundation (www.eclipse.org/simopenpass). Changes to the website can be
made through commits to the website repository.

Discussion with Eclipse has happened here: https://bugs.eclipse.org/bugs/show_bug.cgi?id=573271

Next steps:
- Create issue for hosting of the webpage with all links (Tuan)
- Check the process for publishing a page through a commit (Tuan, Dmitri)

An automated deployment of the webpage through Jenkins will be postponed for now.

DataStore vs. DataInterface
In large simulations (many agents, long simulation durations) the data store requires a lot of memory
(up to several Gb). A potential solution is the conversion from a DataStore to a DataInterface. In this

case, observers are responsible to query data in each time step rather than at the end of the simulation. The benefit however is, that not all data has to be stored and be available until the end of the simulation.

The discussion will happen in an Gitlab issue here:
https://gitlab.eclipse.org/eclipse/simopenpass/simopenpass/-/issues/29

Documentation
The Windows build of the documentation is currently broken. This will be fixed by BMW / intech.

Requirement Refinement meetings for OpenSCENARIO Engine / API
List of requirement refinement meetings since last AC meeting:
- 23.04.2021 Presentation of framework YASE by Max Bauer
- 26.04.2021 Abstract Environment API: Discussion concerning map layer (meeting minutes see Att.1)
- 07.05.2021 Synchro meeting on current developments

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