openPASS AC Story Writing Workshop

Meeting date: 12 February 2020
Location: Munich, BMW Group
Keeper of the minutes: Tuan Duong Quang, TÜV SÜD
Participants:

Name	Company	Participation
Arun Das	BMW Group	X
Manel Hammouda	BMW Group	X
Thomas Platzer	BMW Group	X
Jan Dobberstein	Mercedes Benz AG on behalf of Daimler TSS	X
Per Lewerenz	Mercedes Benz AG on behalf of Daimler TSS	X
Dr. Daniel Schmidt	Robert Bosch GmbH	X
Tuan Duong Quang	TÜV SÜD Auto Service GmbH	X
Alexander Eliseev	TÜV SÜD Auto Service GmbH	X
Lukas Stark	VW AG on behalf of VW GoA	X (left at appr. 11am)
Dr. Stefan Schoenawa	VW AG on behalf of VW GoA	
Dr. Dmitri Fix	ITK Engineering GmbH	X
Fabian Gottwald	EDAG on behalf of VWGoA	X (Skype)
Jorge Lorente Mallada	Toyota Motor Europe NV/SA	
René Paris	intech on behalf of BMW	X (Skype)
Reinhard Biegel	intech on behalf of BMW	X (Skype)

Topics:

GitLab deployment and migration at Eclipse Foundation

The EF plans to deploy and mitigate GitLab. With the integrated system GitLab it is possible to manage tickets, write user stories, perform code reviews, plan releases, fix bugs, build up a CI, manage sources, track tasks, etc. Furthermore, a wiki can be setup in GitLab. The content of this wiki should be all project relevant topics. Whereas, on the Eclipsepedia wiki the history of openPASS and the meeting protocols should be stored. The documentation for the developers should be included on the wiki on GitLab. The documentation for users should be contained on Eclipsepedia.

In general, the WG is looking forward to use GitLab.

Ongoing links with general info:
Test environment: https://gitlab-test.eclipse.org/explore/projects
Discussion about the foundation-hosted GitLab:
https://bugs.eclipse.org/bugs/show_bug.cgi?id=537913&mc_cid=bc9e35f6a3&mc_eid=a764c0950f
Further information about goals and timeline https://gitlab.com/gitlab-org/gitlab/issues/195865.

Clean up Tuleap

Finished user stories for version 0.6 were shifted to status Done. There are still 3 user stories to be done which are shifted to version 0.7. New status can be found on https://tuleap.eclipse.org/plugins/agiledashboard/?group_id=114

User Story Writing for Topic "Continuous Integration"

Intech has introduced Continuous Integration. The slides can be found on https://wiki.eclipse.org/images/7/79/20200212_ReqRefMeeting_DirectoryStructur_CI.pdf. Until now the building process is done manually. By deploying a CI building and testing code will be automatically done. The user stories to CI can be found here https://wiki.eclipse.org/images/0/0d/20200221_Slides_Story_Writing_Workshop.pdf.

User Story Writing for Topics "Crash Configuration Description & Post Crash Calculation", "Results csv Table", "Folder Structure", "Code Quality", "Project Directory", "PCM Integration in OSI" and "Observer"

The workshop was separated into different sessions. The participants have assigned themselves to the sessions. The user stories which resulted from the sessions are summarized in the presentation which can be found on https://wiki.eclipse.org/images/0/0d/20200221_Slides_Story_Writing_Workshop.pdf.

The user stories are created and maintained by the product manager in Tuleap. Tuleap is going to be used until GitLab is deployed.

Detailed Release Planning

The following high-level targets are the goal implementations for version 0.7. In brackets is the responsible partner for the implementation.

- Collision calculation (Daimler)
- Modular driver (Daimler & Bosch)
- Spawner + Urban environment (BMW)
- Observer (BMW)
- Criticality (open) (Daimler & Bosch)
- Project directory structure (wish 0.7) (ITK)
- Cmake review pull request, eventually first adjustments (BMW)
- Concept for refactoring PCM plugins in the GUI (Daimler & ITK)
- Concept for PCM integration (Daimler)

The setup of a continuous integration was not included into the list of implementations because CI is built-in to GitLab. Therefore, the working group wants to wait until more information about the CI built-in is available.

The working group plans to implement the high-level targets in the next 3 months. Meanwhile, small commits should be continuously done which are then being reviewed. After the 3-month implementation phase, a review of one month is planned. The goal is to release v0.7 in June 2020.

Taking the same procedure for v0.8 results in a release of version 0.8 at the end of the year. A high-level target for 0.8 is the refactoring of the GUI plugins. First, the output should have the format .csv then the results plugin GUI can be implemented.

To Dos:

Tuan:
Who are the recipients of sim@openpass-dev?
Who will move the content from the current project to GitLab?
Will there be a Jenkins behind the GitLab?
When are we able to move?
Does the EF provide a Windows build server?

ITK (Dmitri):
ITK makes a proposal of an agent interface to BMW. What are the expectations of ITK towards an agent interface? BMW reviews the proposal and makes either a counterproposal or will considers how to implement the proposal.

Daimler/ITK:
Look for different examples/ use cases for user story "Enable folder structure for variations of PCM cases" (slide 34).

Miscellaneous:

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