Meeting Minute openETCS WP4: Verification & Validation 2013-04-19

Called up by: Marc Behrens
Minutes by: Bernd Hekele

Participants:

WP4, Benjamin Beichler, Marc Behrens, Cyril Cornu, Jens Gerlach, Frank Golatowski, Klaus-Ruediger Hase, Bernd Hekele, Baseliyos Jacob, Roberto Kretschmer, Marielle Petit-Doche, Jan Welte

Meeting Time: from 10:00h to: 10:30h

Updated April 22nd with corrected link.

Type of conference: Telco

Agenda

1. First draft of the "Tool-Artifacts-Matrix"

   - Concept and usage of the matrix
   - Questions concerning the matrix
   - The Matrix is planned to be filled out and reviewed in parallel until the 26th April.

2. At the 24th of April the SSRS Kick-off in Paris takes place

3. What to do with the first findings of the verification?

   - How to verify the issues have not yet been discussed at ERTMS Users group level?
   - Who should report the issues?
   - How should the issues been reported?

4. Pre- qualification of the V&V model

   - Which model to take from the model evaluation for the V&V process qualification?
   - Preparing the first V&V phase coming up
   - Open discussion on the V&V concept

Discussion

1. First draft of the "Tool-Artifacts-Matrix"has been distributed via E-Mail today. For further review and update Github is planned to be used. The WP4 infomation and artifakts matrix is available here:
   https://github.com/openETCS/validation/blob/master/Artifacts/Tool-Artifacts-Matrix/ OETCS_Tool_Artifacts_Matrix_WP7_WP4_130417.xls.
   You will find more useful information about the process in the following Wiki:
   https://github.com/openETCS/model-evaluation/wiki/Open-Question-for-Modeling-Benchmark

2. At the 24th of April the SSRS Kick-off in Paris takes place:

3. A short walk through the agenda will be presented. For improving the performance of the upcoming activities the use of an own repository is highly recommended. The issue will be discussed on PMB.
The repository is available here: https://github.com/openETCS/SSRS.git

   The following candidates for SSRS architecturew have been discussed:
Graphical Architecture Modelling Tools

   - EA (Entgerprise Architect) - commercial
   - Artisan Studio - commercial
   - Visio - commercial
   - Scade - commercial
   - Papyrus/Eclipse (Topcased) - opensource
   - Rodin-Editor (B-Event) - opensource
   - CPN-Tools - GPL (opensource forseen)

   Key features for qualification are:

   - needs multi-user capability
   - needs version control

   The upcoming activity is taking effort. A first rough preliminary estimation is:

   - estimate 15 requirements per person day
   - ca. 6000 requirements in subset-026
   - ==> 400 person days effort

4. What to do with the first findings of the verification? Following questions should be addressed:
In principle, the DB representative in the ERTMS user group will act as an interface. Within openETCS, DB will set up a fra meworkto easily collect findings. Options discussed were own e-mail account for findings or Issue's linked with the new repository SSRS. Baseliyos (DB) will prepare the process and distribute/set-up the relevant information.

Notes