

Auto IWG Face to Face Meeting. Frankfurt, 20.11.2011 10:00-15:30

Minutes: Ignacio Garro (Continental) and Mark Brörkens (itemis)

Participants

Andreas Vogel, Bredex GmbH

Stephan Voget, Continental

Stephan Eberle, itemis

Mark Brörkens, itemis

Harald Mackamul, Bosch

Jörg Noack, BMW

Mario Driussi, Das Virtuelle Fahrzeug Forschungsgesellschaft mbH

Ignacio Garro, Continental

Agenda

- Review and approval of Charter Document
- Track progress of the Working Packages: (http://wiki.eclipse.org/Auto_IWG#Work_Packages)
- Focus on WP4 and ISO26262: Relation to SAFE Project
- Discussion about new possible activities.
- Definition of next steps.

Review and approval of Charter Document

Charter document could not be reviewed and this point will be postponed to next f2f meeting. The current draft version will be published into the Auto IWG wiki page for review (I. Garro).

Working Packages progress.

WP1: Technology Recommendations: Eclipse Automotive Tools Platform

Bosch keeps the WP lead. Now looking for a successor for the WP lead. Information will be delivered by next f2f meeting.

Two different targets are foreseen:

- ECU development platform:
 - Very important to set a definition as soon as possible.
 - TODO (Stephan Eberle): Definition of a target definition file
 - TODO (Stephan Eberle): Update of the published definition in Wiki
 - Next activities:
 - Strategy and roadmap definition: Bosch will invite the interested parties to telco.
- Tool development platform
 - Will follow.

WP2: Huge Models Support

The progress in the eclipse modeling platform is not as fast as expected. Nevertheless, improvements in this area are being done in smaller pieces.

New meeting to improve the situation during the EclipseCon planned.

Some improvement in the management of huge models has been done as well in ARTOP/Sphinx.

There are expectations that a better support for huge models will be achieved by implementing a CDO middle-layer for file based models. First results on this direction could be achieved by investing 3 MM in the first implementation.

TODO: Wiki update (S. Eberle)

WP3: CDT Extensions

Presented draft of analysis about improvements in CDT for embedded automotive development.

Main points are:

- Abstract interface for memory information access.
- Information about compilation toolchain configuration shall be part of the project configuration and there shall be mechanisms to force it.

Further description of these points and the description of further points will be moved to the wiki.

Conti will further work in refining the concept for the memory information API.

WP4: Functional Safety

Focus of this WP shall be to analyze which functions should have a toolchain in a safety environment. Furthermore, this WP shall act as an interface between eclipse and other automotive research projects (e.g. forwarding requirements). The WP will work in providing requirements on a tool platform and defining the list of tools to be implemented on basis SAFE.

Presentation by S. Voget: SAFE, other running projects related (CESAR, ATTEST2, OpenETCS, OPEES)

Contacts: Stefan Voget (Conti), Michael Rudorfer (CarIT), n.n. (Bosch)

WP5: Eclipse Qualification Kit (ISO26262)

Need to share knowledge and resources in the classification/qualification activities of eclipse related products. It has been decided that this activities require a dedicated WP.

WP Lead: Bredex (temporary)

Interested parties: all

TODO (Bredex): Definition/description of WP.

Next F2F Meeting

16.02.2012 in Stuttgart