PANORAMA Eclipse Proposal

PANORAMA Eclipse Proposal Deliverable 5.2

This deliverable was based on the original proposal to create a new Eclipse project around the PANORAMA Toolchain. This new project would have been primarily driven by the French consortium which included many experienced members of the Eclipse development community. Due to the withdrawal of the French partners, and the consequent reduction of manpower, the PANORAMA consortium must look to alternative means to support the open source goals of the project.

The Eclipse Foundation provides alternatives to the PANORAMA consortium both in terms of infrastructure for software development and community building and dissemination. Currently, the PANORAMA tool chain and design process encompasses several tools both open source at the Eclipse Foundation and external tools.

The PANORAMA consortium will have opportunities to collaborate, exchange and build its own community through the Eclipse Foundation infrastructure and channels. One of these instruments is the Eclipse Working Group, essentially groups of software users and producers who collaborate to create common industry solutions. (See www.eclipse.org/workinggroups)

Specifically, the PANORAMA design process tools are recognized by the OpenADx Working group as part of its toolchain. As members of the Working Group, two PANORAMA partners, FH Dortmund and Bosch, are well-positioned to work with other members of the Working Group for adoption and feedback on the PANORAMA tools.

In terms of the software infrastructure, the option is open to all projects to restructure in the case of broad changes in scope or renaming. This would be an option for the Eclipse Capra and Eclipse APP4MC projects, as well as at any time, creating a new Eclipse project with the PANORAMA code base as an initial contribution.

Integration with other non-Eclipse projects and tools is possible under the Eclipse Public License which allows free redistribution of extensions to Eclipse projects. One example of such an extension that is in process is the import/export tools being created by KTH for its ForSyDe tools.

Finally, the PANORAMA tool chain will participate in the Eclipse Foundation's move to Europe. This means that the Eclipse APP4MC and Eclipse Capra projects will be under EU data protection regulations, and will stimulate interest from many more community members.