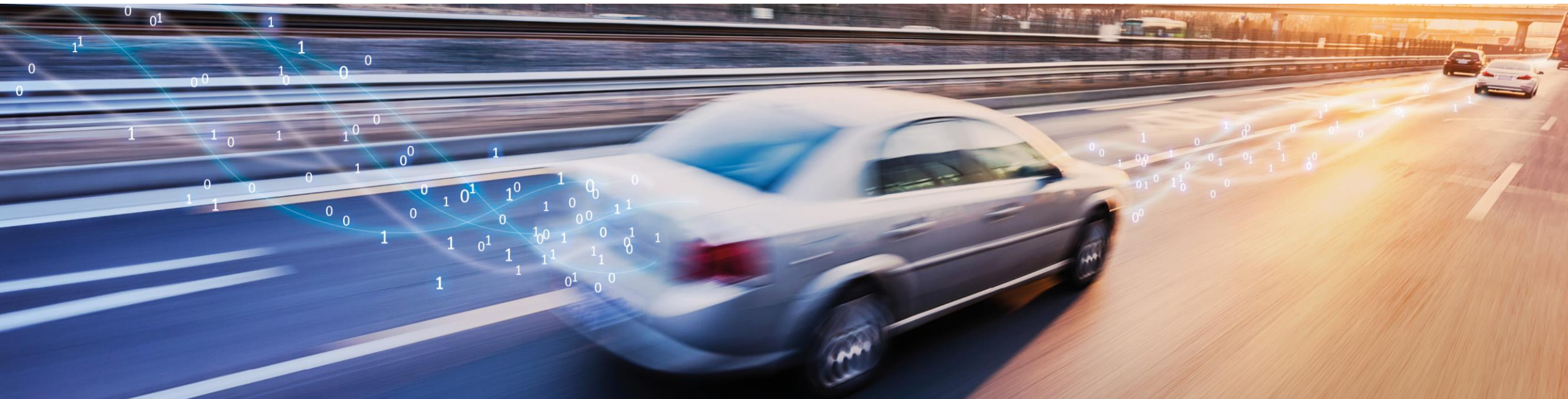


Transfer Project for OpenSCENARIO

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Current Status of OpenSCENARIO

- Delivery content: Mind map, Schema.
- Current version
 - Released: 0.9.1
- Standard:
 - https://tracking.vires.com/projects/openscenario/wiki/User_Manual
- IP ownership: transferred from VIRES to ASAM in 2018.
- Purpose of transfer:
 - OpenSCENARIO to become a standard of the public domain.
 - All future versions developed and distributed by ASAM.

Next Step: Transfer Project

Includes:

- Mandatory work.
- Highly recommended work.

Transfer Project - Mandatory Work

1. Create first version of the standard document based upon the Wiki. Potentially, create missing content.
2. Revision and extension of the introductory chapter in accordance with the ASAM standard template.
3. Addition of the mandatory chapters:
 - Relation to Other Standards
 - Terms and Definitions
 - Symbols and Abbreviated Terms
 - Bibliography
 - Appendix with at least figure and table directories
4. Validation of specification document against the schema.
(see also 'Highly Recommended Work', item 6 on the next page)

Transfer Project - Highly Recommended Work

5. Create UML models for the data model:
 - transfer current mind map and text/table descriptions into an UML model
 - generate UML diagrams and semantics descriptions for the standard document
 - generate schema (XSD) from the UML model
6. Validation of the UML model against the mind map and the schema of the last version.
7. Extend the introductory chapters with:
 - description of areas of application
 - use-case definitions
 - list of limitations and open issues

Service Provider

Due to the high volume of work to create the first standard version of OpenSCENARIO, we highly recommend to engage a service provider to carry out this work:

- setup standard document
- transfer existing Wiki to the standard document
- write missing chapters
- potentially write missing technical content
- setup UML model and some basic modelling style guidelines
- transfer UML model diagrams into the standard document
- setup XSD code generation
- generate XSD files
- validate UML model and generated XSD files against the predecessor version

Discussion

Questions, comments or changes to the proposed transfer project?

- Suggestion: May look for a formal method of semantic description.
- Suggestion: Deliver the standard with XML examples.

Discussion

Do you agree to the highly recommended work items?

Voting

1. Use UML as a description method for OpenSCENARIO and implement this in the transfer project (13 companies voted to bring this topic up in the concept project) : ~90% of all companies
2. Clarify the use of UML in a concept project : 6 companies
3. Do not use UML : 0 companies

Discussion

Proposals for any new or changed content?

- None

Key Points for Project Planning

Is there a heightened likelihood that your company would send an expert to this project?

- 14 companies

Key Points for Project Planning

Preferences for meeting frequency and duration?

- About 4 to 6 weeks for 2 days.

Key Points for Project Planning

Expectation for the end of project and release date?

- None

Key Points for Project Planning

Volunteer for writing the project proposal?

- emotive

Thank you!

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