

Language Concepts Group Discussion

Results Summary

Work Packages and Responsibilities for Proposal Writing

Language Concept Discussion Group

- **WP Temporal Aspects !!!!**
(M. Büker, R. Heidtman, Y. Hollander, H. Hungar)
 - Also consider parameters and their bindings and resolutions times
 - Events, sampling of variables/properties
 - Support for 1.0 **and** 1.1 runtime execution model to the extent possible
 - Relationship to temporal logic languages
- **WP Syntax !!**
(Y. Hollander, R. Heidtman)
 - Come up with unified syntax for all constructs
 - Consider constraints and parameters syntax
- **WP Compound Data Types** (Y. Hollander)
 - Consider constraints and parameters semantics (non-temporal aspects)
- **WP Non-Compound Data Types** (Y. Hollander)
 - Scalars, Lists
- **WP Expression Language** (P. Mai & J. Krasser)
 - Interface with Domain Model (except stuff already covered in Compound Data Types)
- **WP Modules, Libraries, Packaging, Namespaces** (P. Mai & Y. Hollander)
- **WP Stuff from 1.x that needs to be in 2.0**
(Y. Hollander & J. Krasser)
 - Address common meta-data approach (Example: Scenario Ids, Titles, Owner, ... -> see also OpenLABEL)
 - Trajectories (NURBS), consider time-based trajectory conflict
 - ...

Rest of World WPs and Stuff that might be targeted to 2.1

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- Rest of the World WPs:
 - **WP Use Cases for Parameters & Constraints** (& Whole Abstraction Business)
 - **WP Minimal Abstraction of Road Networks** (-> Joint with Domain Model, Rich&Yoav)
- Maybe delayed for 2.1:
 - **Stochastics and Parameter Distributions**
 - **Coverage Definitions, KPIs, Performance Metrics, ...**
 - **Full Abstraction of Road Networks** (had little discussion in concept project)

Scheduling Constraints

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- Full schedule to be developed as WPs are gathered and defined
- Assumed time-frame for proposal: During April 2020, Project Approval in May 2020, Kick-Off soon thereafter
- Suggestion to have one common milestone 2-3 months after Kick-Off, to synchronize the sketched out results of all WPs as basis for further work