

STF 476: TDL Phase 2

Status Report

Document History

- 2014-09-29: Document submitted for MTS #63
 - long form for SG #5 / Technical Session
 - short form for MTS #63
- 2014-05-10: Document submitted for MTS #62
 - long form for SG #3 / Technical Session
 - short form for MTS #62
- 2014-03-19: Document submitted for SG #2

Session and Milestone Planning

Session Overview

- WK09 Feb 24-28 Session 1 @ETSI
- WK15 Apr 07-11 Session 2 @ETSI
- WK23 Jun 02-06 Session 3 @FOKUS
- WK36 Sep 01-05 Session 4 @ETSI
- WK42 Oct 13-17 Session 5 @Siemens
- WK49 Dec 01-05 Session 6 @ETSI

Milestone 1 Timeline

- WK09 Feb 24-28 Session 1 @ETSI
 - 4 experts, 16 days, define roadmaps, prepare early drafts
- WK15 Apr 07-11 Session 2 @ETSI
 - 4 experts, 16 days, finalise early drafts, analysis report, ToR if applicable
 - deadline for requests to move sessions, contracts extension
- WK18 Apr 28-May 01 Deliverables submitted
- WK20 May 14-15 MTS #62 @Siemens

Milestone 2 Timeline

- WK23 Jun 02-06 Session 3 @FOKUS
 - 5 experts, 25 days, review feedback, define roadmaps, prep. stable drafts
- WK36 Sep 01-05 Session 4 @ETSI
 - 5 experts, 25 days, finalise stable drafts
 - feature freeze, new features added only if absolutely critical
- WK37 Sep 08-12 Deliverables submitted
- WK39 Oct 01-02 MTS #63 @TestingTech

Milestone 3 Timeline

- WK42 Oct 13-17 Session 5 @Siemens
 - 5 experts, 25 days, define roadmaps, prepare final drafts
- WK49 Dec 01-05 Session 6 @ETSI
 - 5 experts, 25 days, finalise final drafts
- WK50 Dec 15-19 Deliverables ready
- WKXX Jan/Feb 2015 MTS #64 TBD

Milestone Resources

- ~15 days/expert per milestone
 - assuming roughly equal resource allocation per expert
 - 2x4 days sessions, ~7 days homework
- Milestone 1: ~60 days planned, 44.5 used (4 experts)
- Milestone 2: ~75 days planned, 73/77.5 used* (5 experts)
- Milestone 3: ~75 days planned, 90.5/106 available** (5 experts)

- * 4.5 from extension for Part 4
- ** 15.5 from extension for Part 4, 50 already days allocated for two working sessions

Session Summaries

Session 3 Summary

- Goals
 - review feedback from Milestone 1
 - define roadmaps for Milestone 2
 - have technical discussions on data concepts and graphical syntax
 - lay down foundations for exchange format
- Notes
 - technical issues with the mailing list interfered with the organisation

Session 4 Summary

- Goals
 - Part 1: thorough technical review and improvement
 - Part 2: review and formalisation, notational conventions update
 - Part 3: discussion of related input, draft preparation
 - Part 4: discussion with CTI, draft preparation
 - discussion of tutorial preparation for UCAAT
 - discussion of ideas and proposals for Phase 3

Document Status Summaries

Part 1 Status

- M2
 - data concepts update
 - time and time labels update (including predefined functions)
 - move gate instances and variables to component types
 - assertions and setting verdicts

Part 1 Status

- M3
 - adaptations to behaviour
 - integrating feedback, validation, proof-reading, finalisation, polish
 - annex update (examples, BNF)?
 - no further features unless absolutely critical

Part 2 Summary

- M2
 - shape updates to match current state of meta-model (no arg. spec. yet)
 - formalisation constraints and label derivation rules
 - updates to notational conventions and document structure
- M3
 - add missing shapes and descriptions, harmonisation with meta-model
 - integrate feedback, validation, proof-reading, finalisation, polish

Part 3 Summary

- M2
 - current XSD and derivation rules
 - raised concerns regarding the usefulness of XSD and its limitations
 - XMI derivation, examples
- M3
 - updates related to changes in the meta-model, additional examples
 - integrate feedback, validation, proof-reading, finalisation, polish

Part 4 Summary

- M2
 - meta-model extensions (near complete, time constraints to be added)
 - concrete-syntax proposal
- M3
 - validation, decision on "inline" data, examples, 3GPP applicability
 - integrate feedback, proof-reading, finalisation, polish

Phase 3 Proposals Summary

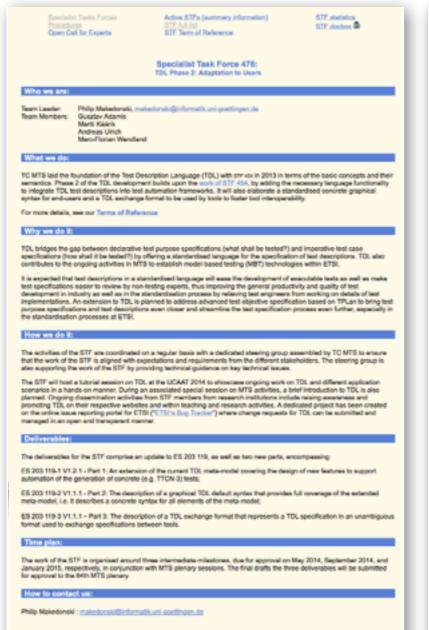
Phase 3

- Focus on
 - harmonisation with UML: TDL profile for UML in addition to standalone
 - test generation and test management capabilities
 - expand support of ETSI syntax for 3GPP and other TBs
- Continue working on
 - maintenance, stabilisation, and consolidation, addressing open issues
- Reference implementation, mapping to TTCN-3 (lower priority)

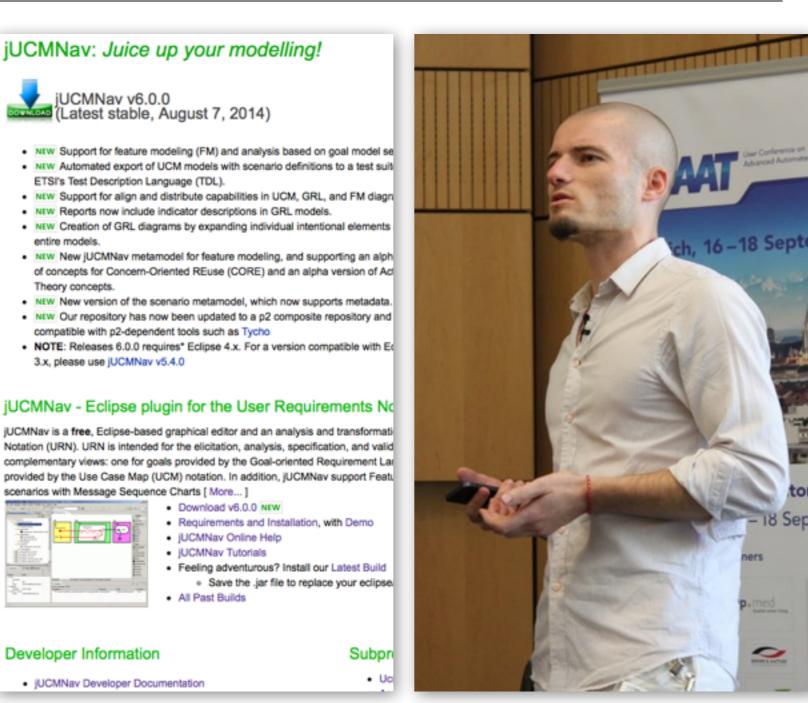
Further Activities

entire models.

Theory concepts.



This information is based upon STF working exsumptions The views expressed do not necessarily represent the position of ETSI in this context. Last updated: 2014-07-18 14:29:15



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