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| ***TTF T022 - Progress Report for ETSI*** |
| **Presented to ETSI meeting** |  |  | **Author:** | Martti Käärik |
|   |   |   | **Date:** | 30/09/2022 |
| **Doc ref** |  |   | **Version** | 0.1 |
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| **TTF** | **T022** |   | **TTF leader** | Martti Käärik |
| **TB/WG** | **MTS**  |   | **TB responsible** | Philip Makedonski |
|  |  |   | **Administrator** | Elodie Rouveroux |
|  |  |  |  |  |  |
| **TTF title:** | TOP/TDL Enhancements for Better User Experience |
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| **Milestone** | **A** |  | **Status** | **Covers the period until (cut-off date)** | 30/09/2022 |
| **Template** |
| **Objective** | First progress report to be approved by TC MTSFirst TOP tool feasibility demo |
| **Achieved** | Yes |  |
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| **Remarks** | --- |
|  |  |  |  |  |  |
| **Achieved dates** |  |  |  |  |  |
| **Template** | **Draft report** | **TB approval** | **ETSI approval** |  |  |
| 30/09/2022 |   |   |   |   |   |
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# Executive summary

The present document provides an overview of the initial phase of the work of TTF T022. The outcome of the work by the first milestone is the demonstration of the current state of the software and inputs for planning the eventual set of features that the software shall support.

The TTF has achieved its objectives for the first milestone with exception of finalizing the deliverable for Task 1 as explained in clause 4.

The TTF proposes following minor changes to the work plan (as detailed in clause 6):

* TTF proposes to postpone the completion of Task 1 (TOP Requirements and Validation) until Milestone B (2023-01-31) and
* the completion of Task 2 (TOP Architecture Design) until Milestone C (2023-05-31).

# Introduction

The work of the TTF consists in large part of developing TDL toolset. In parallel with the initial development work, the TTF has outlined functional requirements for the software. The requirements are currently pending agreement within TDL WG. Once this is done, the roadmap for the implementation activities is finalized.

Public releases of the software are expected at a later stage of the work. Tentative goal is to start a case study with an early release of the toolset in January 2023. The required feature set for that release shall be agreed among the TDL WG and ETSI CTI.

# Contractual milestone

The TTF has achieved its objectives for the first milestone with exception of finalizing the deliverable for Task 1. The reasons for the delay are explained in clause 4. TTF expects the work to be finalized within weeks after the next WG meeting. The work of TTF is not significantly affected as the other tasks (dependent on Task 1 output) are expected to be completed on time even considering this delay.

# Progress of the work

The working methods have been agreed among the experts and the work is in progress for tasks 1, 2 and 3.

Due to some delay in the progress of Task 1, the Tasks 2 and 3 have been progressing slower than anticipated (as the outcome of Task 1 provides input for the other tasks). However, the completion of the tasks is still expected to be on time (considering the proposed changes to the working plan).

Proposed changes to the work plan are detailed in clause 6.

The work on Task 1 has produced the set of requirements for Task 3. Discussion agreement with TDL WG is required to assign priorities and complete the task. This is planned to happen during and after next TDL WG meeting.

The work on Task 2 has focused on the design documentation of the TDL execution framework architecture and drafting the TDL runtime interface. The work on Task 3 has focused on improving diagram editor for TDL and importer of OpenAPI specification. The progress of the work of Tasks 2 and 3 is presented at MTS#87.

# Assessment of technical risk, difficulties encountered/expected, unresolved issues

No technical risks nor difficulties have been met thus far.

# Proposed changes in the TTF work plan

TTF proposes to postpone the completion of Task 1 (TOP Requirements and Validation) until Milestone B (2023-01-31). The organization of necessary meetings (both among TTF and with TDL WG) for discussing and agreeing on the work content were hindered by experts’ availability during summer months as well as by the preparation for and participation in the UCAAT conference. See clause 10 for input required from the TDL WG.

TTF proposes to postpone the completion of Task 2 (TOP Architecture Design) until Milestone C (2023-05-31). TTF intends to share the stable draft of the deliverable with interested parties to gather feedback. In case relevant feedback is received, some time is required to discuss and incorporate resulting changes to the deliverable.

# Meetings/events attended on behalf of the TTF

The experts (Martti Käärik, Philip Makedonski and Finn Kristoffersen) participated in the UCAAT conference in Munich, Germany that took place 13-15 of September 2022 (<https://www.etsi.org/events/2028-2022-09-9th-ucaat-user-conference-on-advanced-automated-testing>).

The goal of the participation was to promote TDL among participants and gather feedback as well as further ideas for advancement of the TDL and related methodologies. Among participants were representatives of the industry, test tool vendors and standardization bodies (including ETSI). Informal meetings were held to discuss their experiences with various testing frameworks and languages as well as modeling tools in general. TTF experts explained how TDL might be used in their respective domains or integrated with custom toolsets.

An overview of received feedback and relevant remarks is presented at the next TDL WG meeting. An initial agreement was reached with a participant to contribute to the preparation of a TOP architecture specification (Task 2) to better align with industry expectations.

# Meetings/events planned to be attended

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| --- | --- | --- | --- | --- | --- |
| **Date** | **Place** | **TB/Orga** | **Event description** | **Reason to attend** | **Expert(s)** |
| 04.10.2022 | Tallinn | MTS | MTS#87 | Reporting on TTF progress | Martti Käärik, Philip Makedonski, Finn Kristoffersen |
|  |  |  |  |  |  |

# TTF communications, presentations, promotion, inside and outside ETSI, WEB pages etc

A presentation highlighting the TDL was prepared for display in the ETSI MTS booth at the UCAAT conference.

The content for TTF website was prepared and provided to TTF administration.

# Technical advice required from the reference Technical Body

TDL WG is presented with TTFs proposal for the outcome of task 1 (TOP Requirements and Validation) for discussion and acceptance at the next TDL WG meeting. The meeting is expected to take place together with the MTS#87.

The agreement is needed to complete Task 1 and prepare a stable draft of the technical report for the next milestone.

# Status of the deliverables

No deliverables have been presented for this milestone. All deliverables remain work in progress and are expected to reach stable status according to work plan.

The current state of the source code for Task 3 (TOP Features Implementation) is available at ETSI Labs web site (<https://labs.etsi.org/rep/top>).

# Next report

The next report is scheduled for: 2023-01-13.

# Any other business