

Constructs for Enterprise Service Modelling

CEN Technical Report, NWI approved on March 15, 2021 by CEN TC310

Goal

A CEN Technical Report gives information on the technical content of standardization work related to Constructs for Enterprise Service Modelling.

Description

The proposed Technical Report will serve as a particular contribution to knowledge about modelling services and service systems. It will facilitate interoperability between various service models and systems. The proposed service language constructs will support integration between heterogeneous modelling languages through its meta-models and templates. Furthermore, several language elements identified in the earlier SML report are part of ISO 19440:2020 'Constructs for Enterprise Modelling', so positioning the service constructs as a specialization of the constructs of ISO 19440.

Industry needs a set of comprehensive modelling languages for enterprise services that reflect the needs of the end user. This will in turn create requirements for tools and new applications. Such tools support the service life cycle, business decision-making as in what-ifs or simulation, performance monitoring via Key Performance Indicators (KPIs) and control of the operational processes.

Tasks

- Read Info package, summarizing earlier work on SML (All)
- Resolve issues from 2020 Ballot (MZ)
- Prepare high level class diagram of SM constructs (DS)
- Review and reconcile inconsistencies, both internal and relative to IS19440(2020)
- Define and test at least one industrial pilot application (FWJ)
- Final editing of the Technical Report

Work modus

A series of teleconferences or video online meetings following a regular schedule.

Deliverable

A CEN TR Committee Draft to TC 310, target date YE 2021

Participants

- Martin Zelm, NWIP Co-ordinator, INTEROP-VLab
- David Chen, CEN TC310 WG1 Convener, Uni Bordeaux
- Frank-Walter Jaekel, IPK Fraunhofer, Berlin
- David Shorter, IT Focus, UK
- Ulf Carlsson, SYNTELL, Sweden
- Gunilla Franzén Sivard, KTH, Sweden
- Georg Weichhart, PROFACTOR Steyr, Austria, IFIP WG 5.8

Technical online meetings

May 05, June 02, June 23 (plan), more tbd

Secretariat

Jean Stride, BSI (UK)