

To : Ms. Teresa Tang
Mr. Nobuyuki Sambuichi
Mr. Jiwen Jin
Mr. Tianyang Lu
Mr. Robert Stamsnijder
Mr. Frans van Basten

From : Mr. Jan Vrijenhoek (Netherlands)

Subject : Discuss the comments of Mr. Nobuyuki Sambuichi on WD TS 5409.

Date : April 9, 2021

Start at 9:00 (15:00 China, 16:00 Japan)

This is the report of the ISO Zoom meeting with Mr. Nobuyuki Sambuichi (Nobu).

The goal of this meeting is to discuss the comments of Nobu in detail on the Working Draft TS 5409, ADCS Exchange Formats for XML and JSON, which was presented by the project team in the TC295 / WG1 meeting on March 31.

In this meeting Nobu, Teresa Tang, Jiwen Jin, Tianyang Lu, Frans van Basten, Robert Stamsnijder and Jan Vrijenhoek were present.

(1) Recommendation of Nobu

The comments of Nobu on the Working Draft was, broadly speaking, lack of both a “data dictionary” and a “common data structure” upon seeing the 71 XML and JSON Schemas.

Nobu recommends to use the UN/CEFACT Core Components Technical Specifications (ISO 15000-5) to built an ADCS “Core Components Library”, but he notes that this CCTS is not sufficient for the ADCS.

ADCS requires a concept to clearly define the relationships between the tables using the identifier (primary key) and the reference identifier.

In CCTS, these relationships between the ADCS tables cannot be defined.

So Nobu recommends to use of CCTS with an own defined extension to define the relationships between the ADCS tables.

Let it be clear that this will be an own ADCS library for Audit Data elements and that the existing Core Components in UN/CEFACT Core Components Library are not used.

(2) Recommendation of the project team

Looking at the Scope and Design principles of the project XML and JSON, the team members of the project don't recommend the use of CCTS, because the naming conventions for data fields are different from ADCS, which will result in a new version of ISO 21378.

The existing ISO 21378 ADCS can be seen as the common dictionary, and the goal of the project is to define the binding to ADCS/XML, ADCS/JSON and to define the labeling of the ADCS/CSV columns to facilitate the conversion to XML and JSON.

(3) Common semantic data model

It is recommended to get the requirements first, before setting up a "Common Semantic Model" if there's a need for it. That will be discussed in the coming TC 295's 3rd ad-hoc meeting on data modeling on April 19.

We thank Nobu for sharing his ideas and looking forward to the meeting on April 19.