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Luxembourg, 05 June 2018

REPORT ON THE 6TH WORKING GROUP MEETING OF THE EPROCUREMENT ONTOLOGY

Project:	eProcurement Ontology	**Meeting Date/Time:**	**2018-05-16** **15:30 – 17:00**
Meeting type:	6th Working Group Meeting	**Meeting Location:**	Videoconference Webex https://ecwacs.webex.com/meet/nmuric
Chairperson:	Natalie Muric	**Issue Date:**	2018-05-16

Meeting Agenda
• Presentation of the participants • Conceptual data model • Development of the PoC • Any other business

List of Participants		
Attendee Name *(present)*	**Initials**	**Organisation / Email**
Laia BOTA	LB	everis
Patrizia CANNULI	PC	IT Consip
Oscar CORCHO	OC	Universidad Politécnica de Madrid
Manuela CRUZ	MC	OP
Maria FONT	MF	everis
Cécile GUASCH	CG	ISA^2 Contractor
Natalie MURIC	NM	OP
Enric STAROMIEJSKI	ES	everis

Summary of Meeting

Presentation of the Participants

The participants of the meeting presented themselves (see list of participants – in alphabetical order).

Glossary feedback and expectations from WG

Currently, there is not feedback related to the Glossary. However, technical weekly meetings will be set up in order to:

- Get feedback and discuss about the definitions and terms from the glossary;
- Review the coherence in both technical and business points of view;
- Review the progress on design and implementation topics (e.g. n-ary relationships between classes, model documents as classes, etc.).

Conceptual data model

The working group was informed on the progress of the ePO v2.0.0 conceptual data model:

1. The process when developing the conceptual data model diagrams is: first the OP reviews the diagrams and afterwards, explanatory sentences are added in order to make them more understandable.
2. The diagrams are going to be published in the GitHub, so the WG can see them and cooperate with the development.
3. The TTL file is developed using Protégé and taking into account the conceptual data models.

Any questions related to the conceptual model should be added as issues in the GitHub space.

Development of the PoC

According to the methodology of the PoC, the current status is working on the development of the ETL process (extraction, transformation and loading).

A dataset has been downloaded from TED portal.

There is a previous analysis before the transformation between TED XML to ePO. The mapping between these two data structures have four different possibilities:

- TED XML element exists in the ePO. This is a direct mapping.
- If TED XML element exists in the ePO but it is expressed differently, the transformation need to process this mapping.
- If an ePO element does not exist in the TED XML, there is no mapping.
- If a TED XML element does not exist in ePO, this situation needs to be reanalysed, and this could modify the ontology or not.

The results of this mapping are expressed using SPARQL queries.

- The triples produced from the transformation are inserted in GraphDB as a result of the queries.

The ETL process is executed automatically using a Java application.

Future meetings are planned:

14/06/2018

- Revision of the ontology, OWL implementation and results of the PoC

The work to be presented in each meeting will generally be made available for the working groups' information approximately one week before each meeting.

Proposed Agenda for Next Meeting:	**Proposed Next Meeting Date:**	2018/06/14
I. Conceptual data model II. Results of the PoC III. AOB		