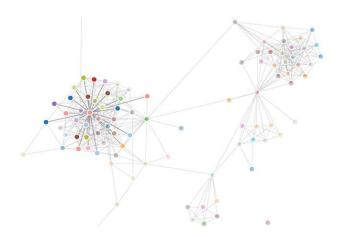




e-Procurement Ontology

Publications Office – Unit C2

6th Working Group Meeting: 2018-05-16







1. Roll call

- 2. Conceptual Data Model
- 3. Development of the PoC
- 4. Any other business





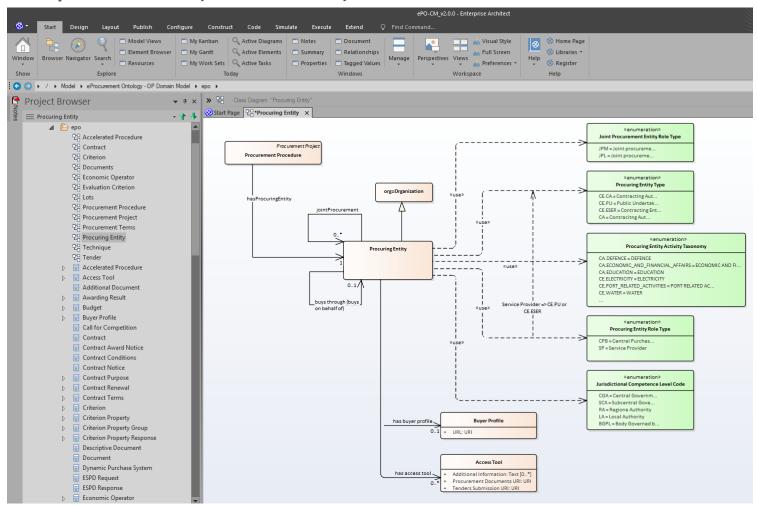
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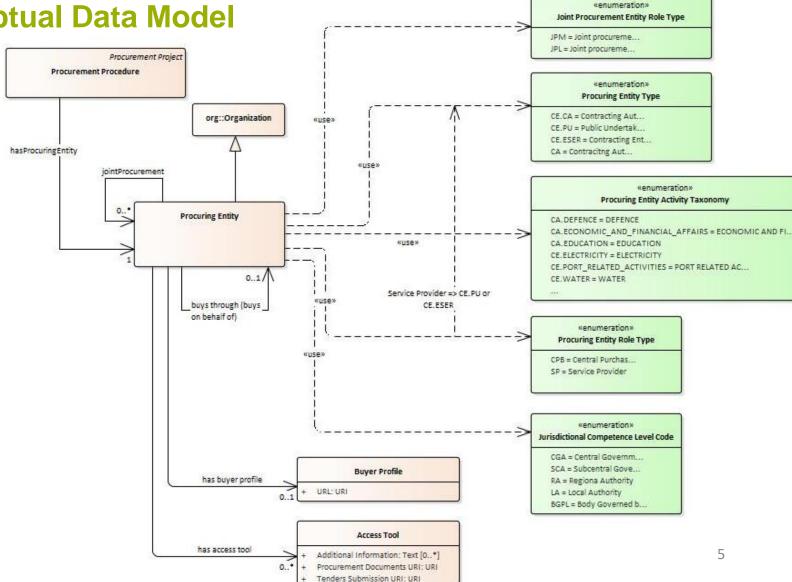
2. Conceptual Data Model

Internal analysis re-iteration (OP + contractor)



2. Conceptual Data Model

Procuring Entity Diagram



2. Conceptual Data Model

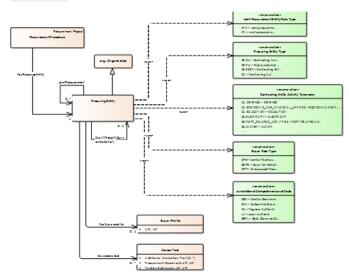
Procuring Entity narrative

Procuring Entity diagram

Class diagram in package 'epo'

- In any Procurement Procedure, there is at least one Procuring Entity; Procuring Entities are "Organizations", appropriately identified and described (IDs, Names, Addresses, Contact
- Depending on its nature and main activity a Procuring Entity may be identified simply as a Contracting Authority (general procurement) or as a Contracting Entity pursuing the procurement of gas and heat, electricity, water, transport services, ports and airports, postal services and extraction of oil and gas and exploration for, or extraction of, coal or other solid fuels. Contracting Entities may in turn may be a Contracting Authority, a Public Undertaking or entities with special or exclusive rights which activity is (Procuring Entity Type code list);
- 4. For some Procurement Procedures, a Procuring Entity can join other Procuring Entities (Joint Procurement);
- In these cases, the Procuring Entities participating in the join procurement may adopt one role (Procuring Entity Role Type code list); Procuring Entities are in general responsible for the management of purchase, in which case, they also act as
- "Buyers";
- This is not always the case, in some cases the Procuring Entity may buy through another Procuring Entity (Buyer





6

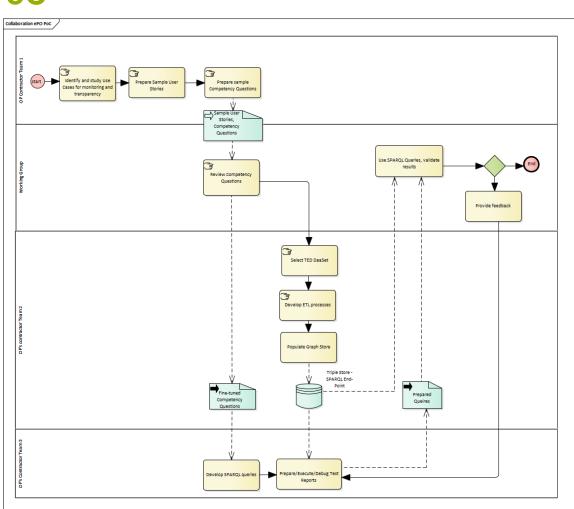




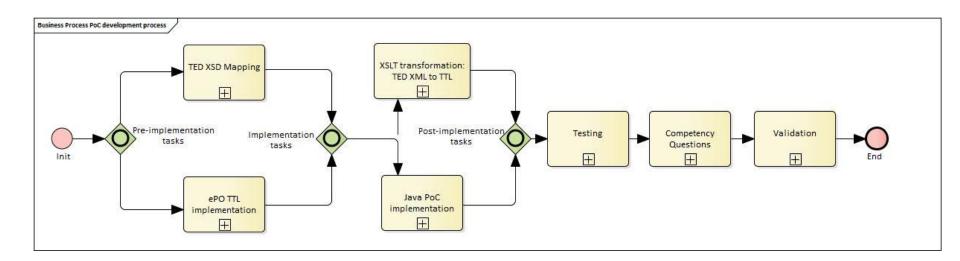
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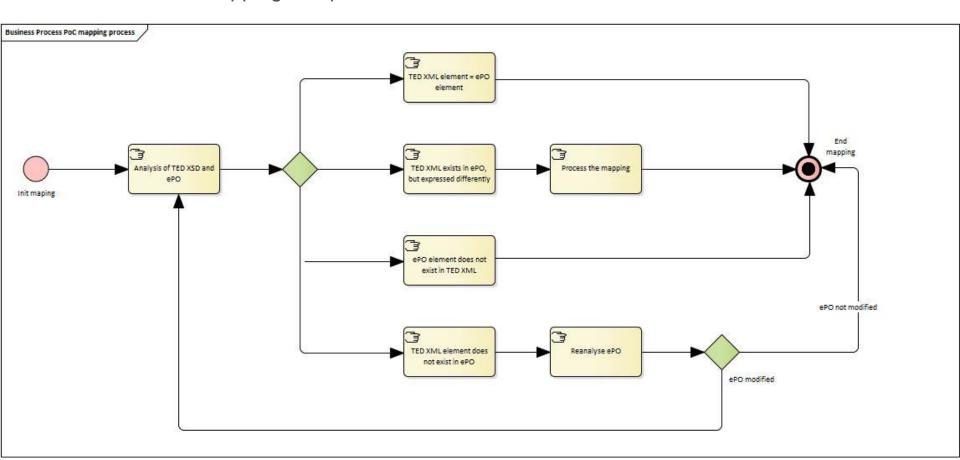
PoC Workflow (reminder)



PoC development sub-process



TED XSD to ePO Mapping sub-process

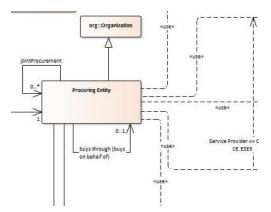


Mapping TED into ePO (summary)

TED XML

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  xmlns:n2016="ted/2016/nuts" xsi:schemaLocation="ted/R2.0.9.S02/publication TED EXPORT.xsd"
  VERSION="R2.0.9.S02.E01" DOC ID="196078-2018" EDITION="2018087">
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                 behalf of Health and Social Care in Northern Ireland</OFFICIALNAME>
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               <TOWN>Ballymena</TOWN>
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               <COUNTRY VALUE="UK"/>
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eProcurement Ontology

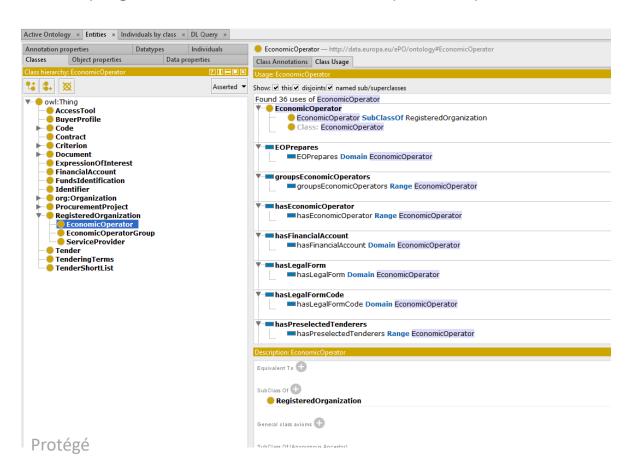




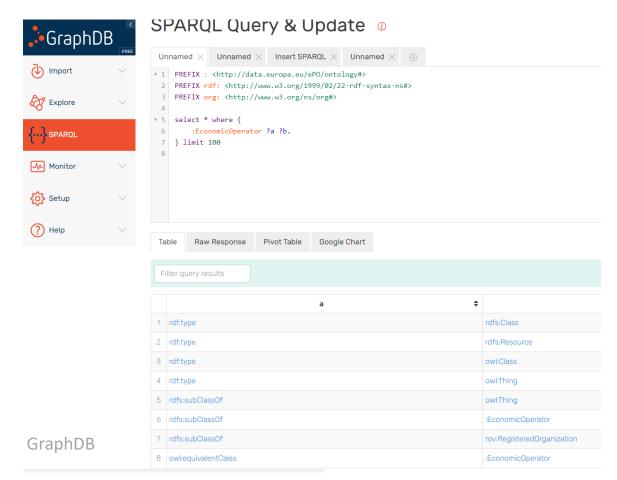




Developing the TTL file from the Conceptual Map



Importing TTL file into GraphDB



 Extraction of the information from TED XMLs and transform it into triples to import them into GraphDB

- 7th June
 - PoC final report available for comments by WG.





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