LEOS prototype

ISA Action 1.13

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LEOS action

Action 1.13 of the **ISA program**

In **ISA²**: Action 2016.38

"Make the drafting of legislation with its increasingly pan-European dimension more efficient."

Context

- **Drafting legislation** : **complex process** involving many actors
- **Structured representations** of legal texts would ease **interoperability** and **automatic processing** all along the process:
  - creation / drafting phase
  - translation
  - amending phase
  - adoption
  - publication
  - consolidation, codification, recast

Need: A new format for legislation

Today

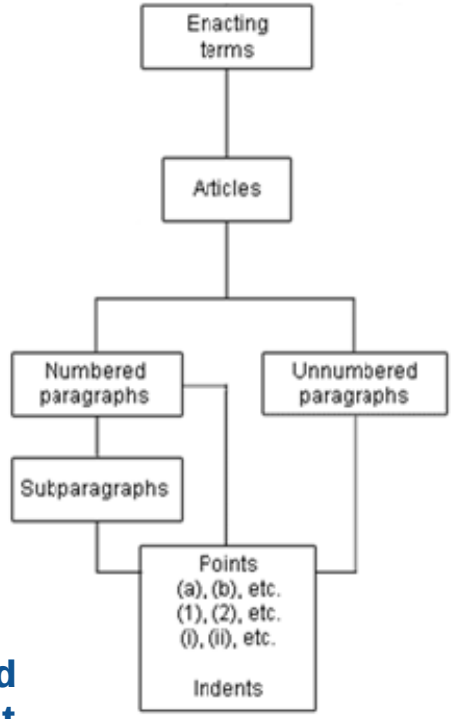
ACT

Target

ACT

Article1
Article Heading

1. Paragraph
    1. Point
    2. Point
    3. Point
2. Paragraph
3. ...



Word processor format
monolithic, IT tools cannot easily access its content ☹

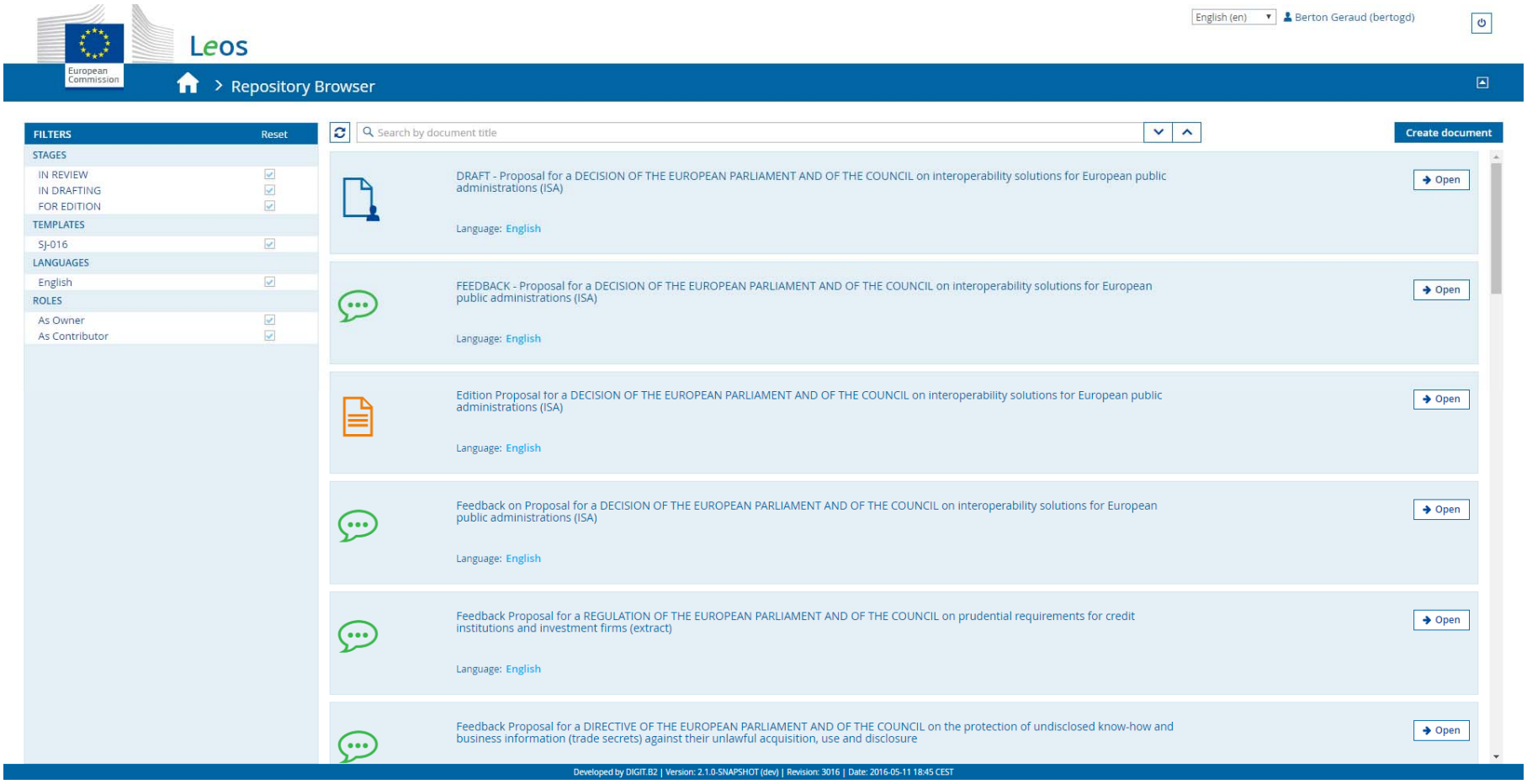
XML format
Each element inside marked and clearly identified, direct access for IT tools ☺

About the tool

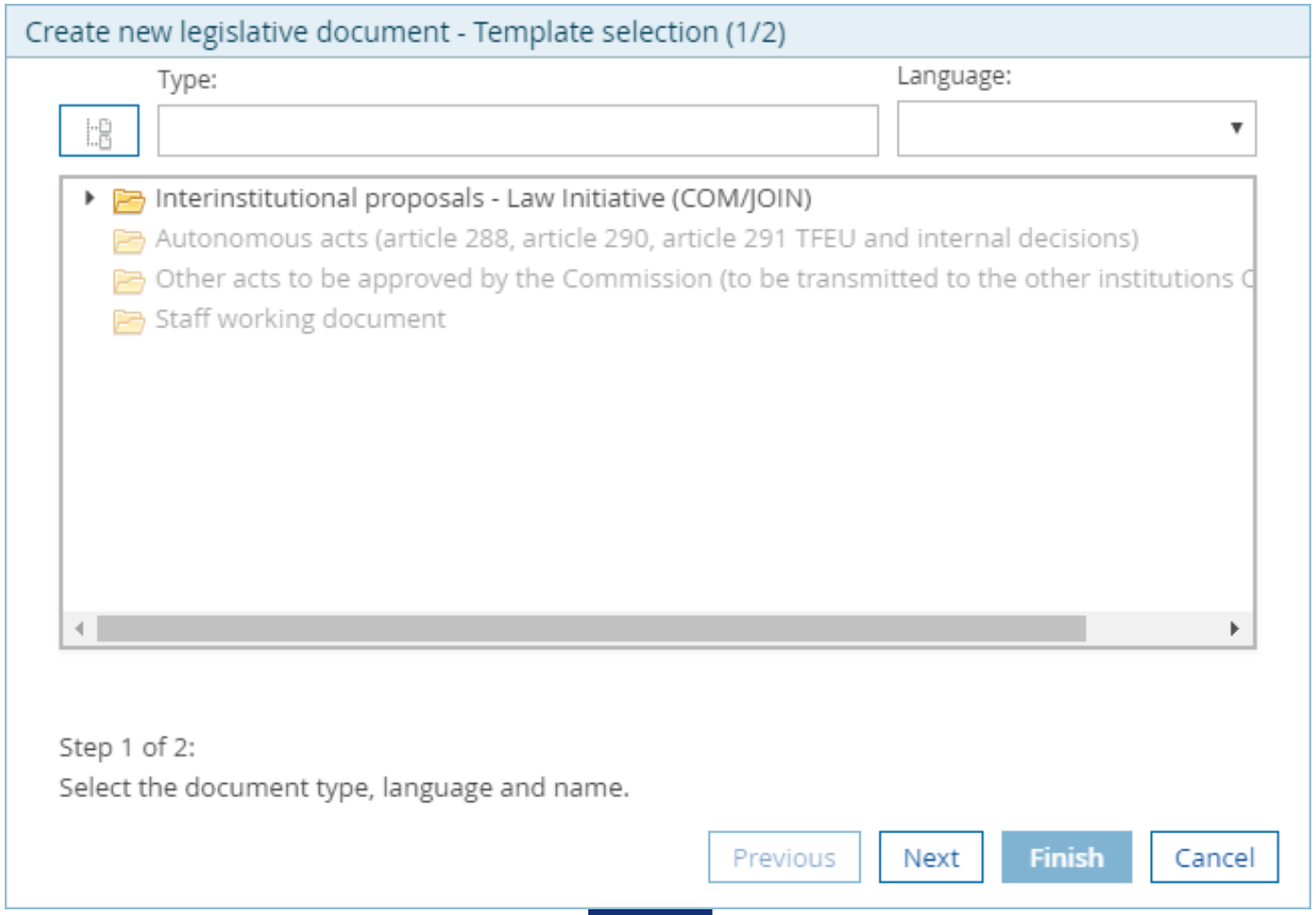
- *An **authoring tool** for legislation*
- *Text stored in **XML** dedicated to legislation (Akoma Ntoso aka LegalDocML)*
- ***Provides guidance** on allowed structure while drafting*
- ***Web application** (HTML 5), enables **collaborative work***
- *Supports **EU legislation tradition***
- ***Designed to be extended** to some other legislative traditions*

European Commission

Act repository

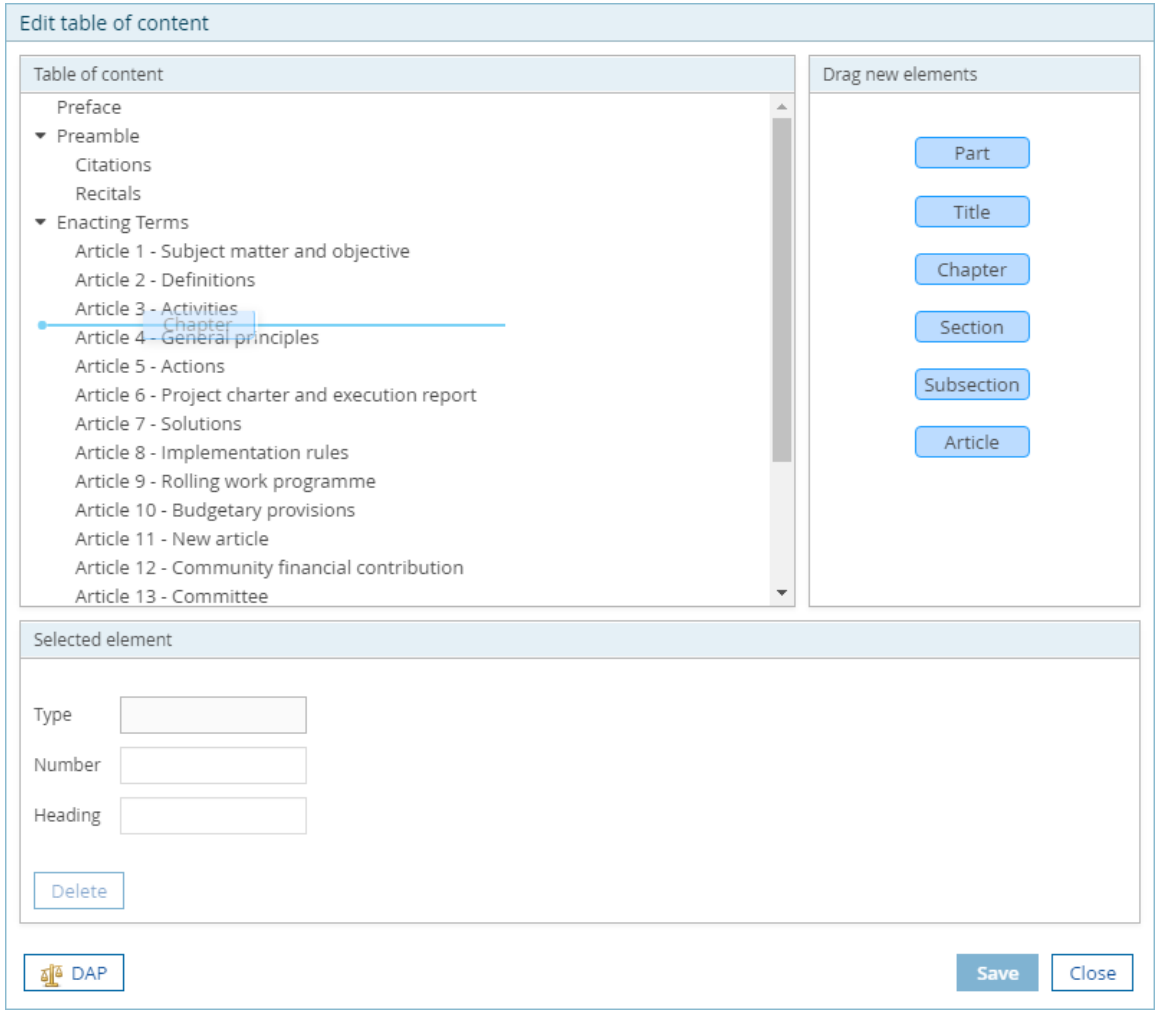


Act creation wizard

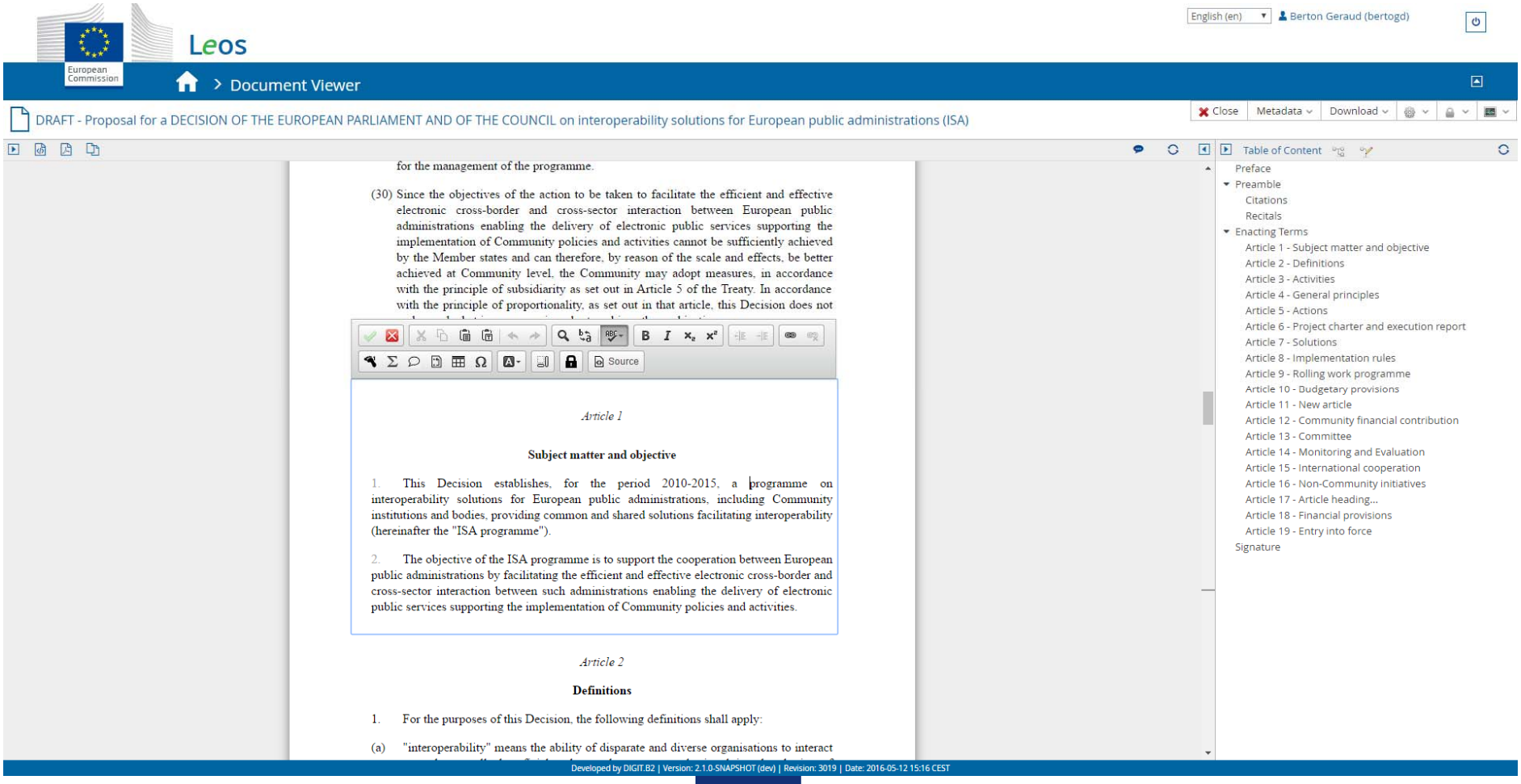


Drafting environment

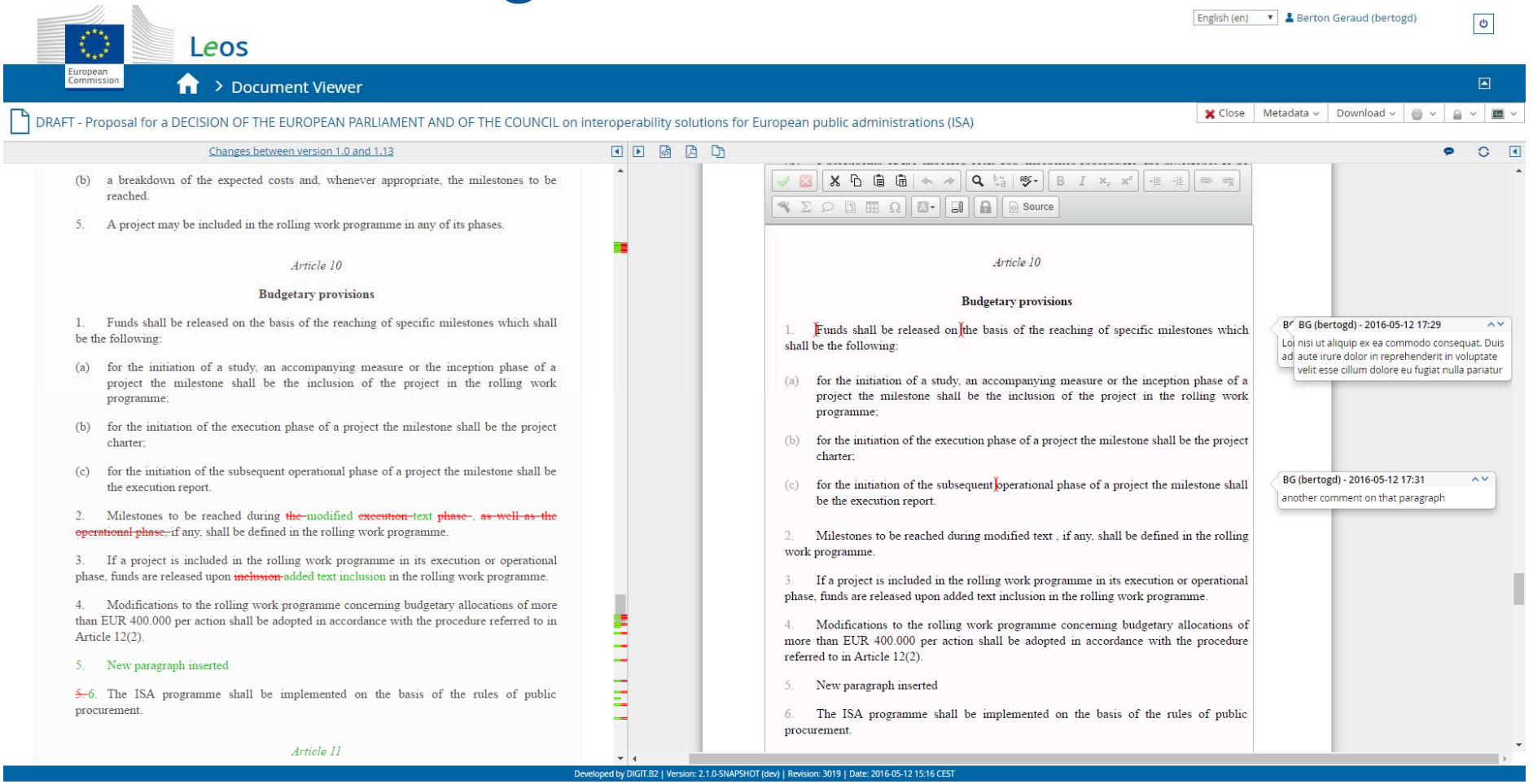
Management of higher divisions drag and drop



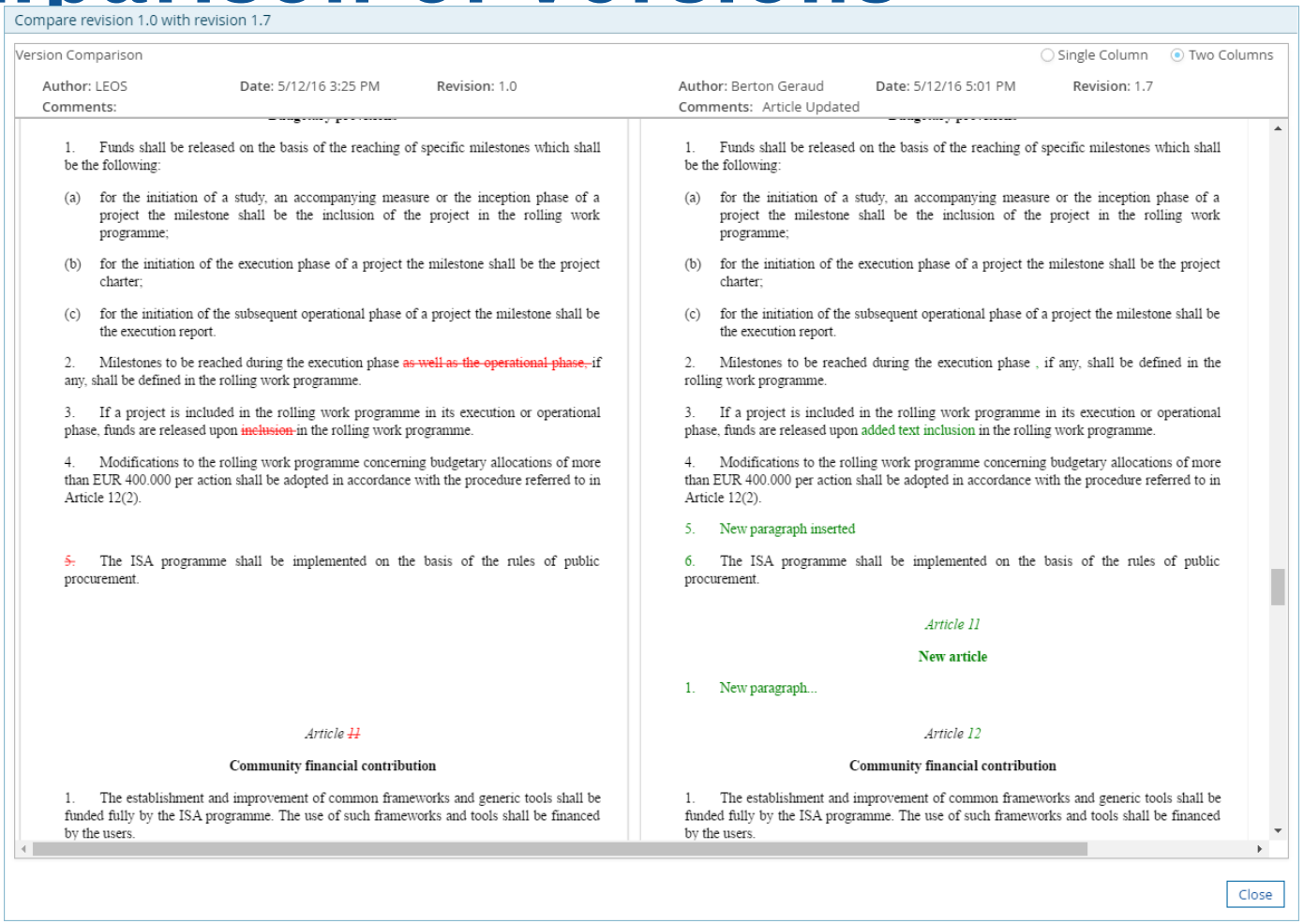
Wysiwyg edition of text



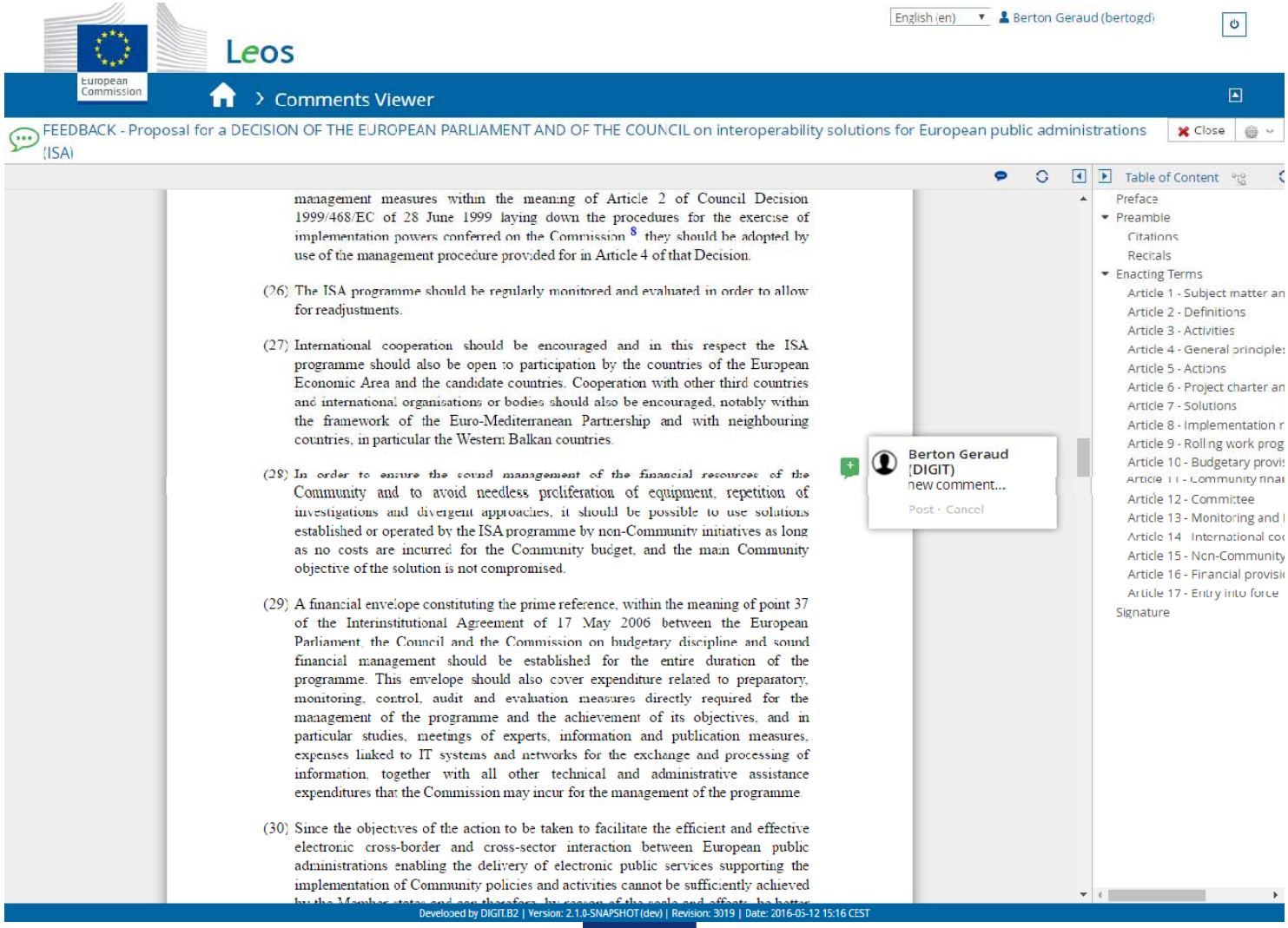
Track changes & comments



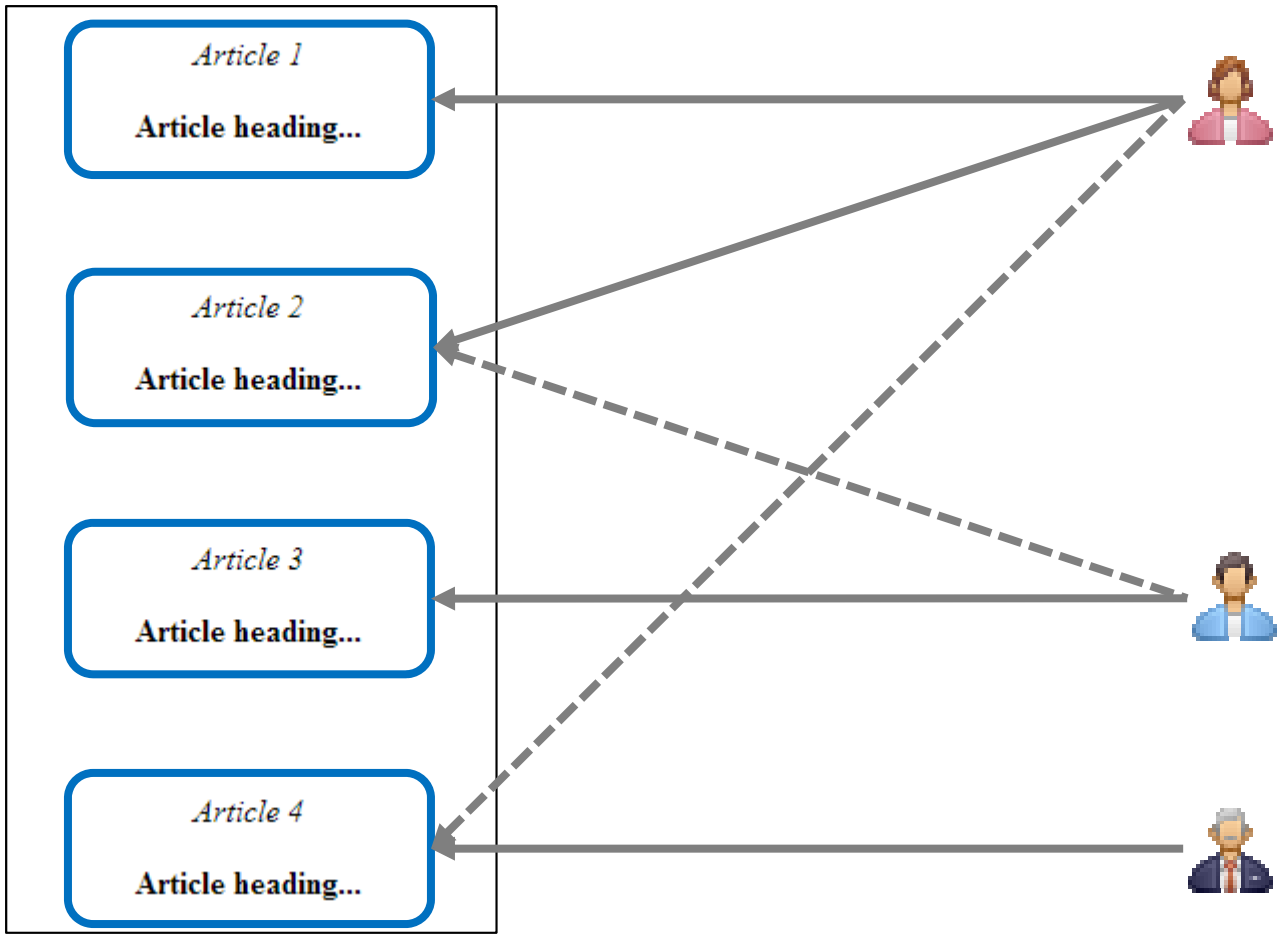
Comparison of versions



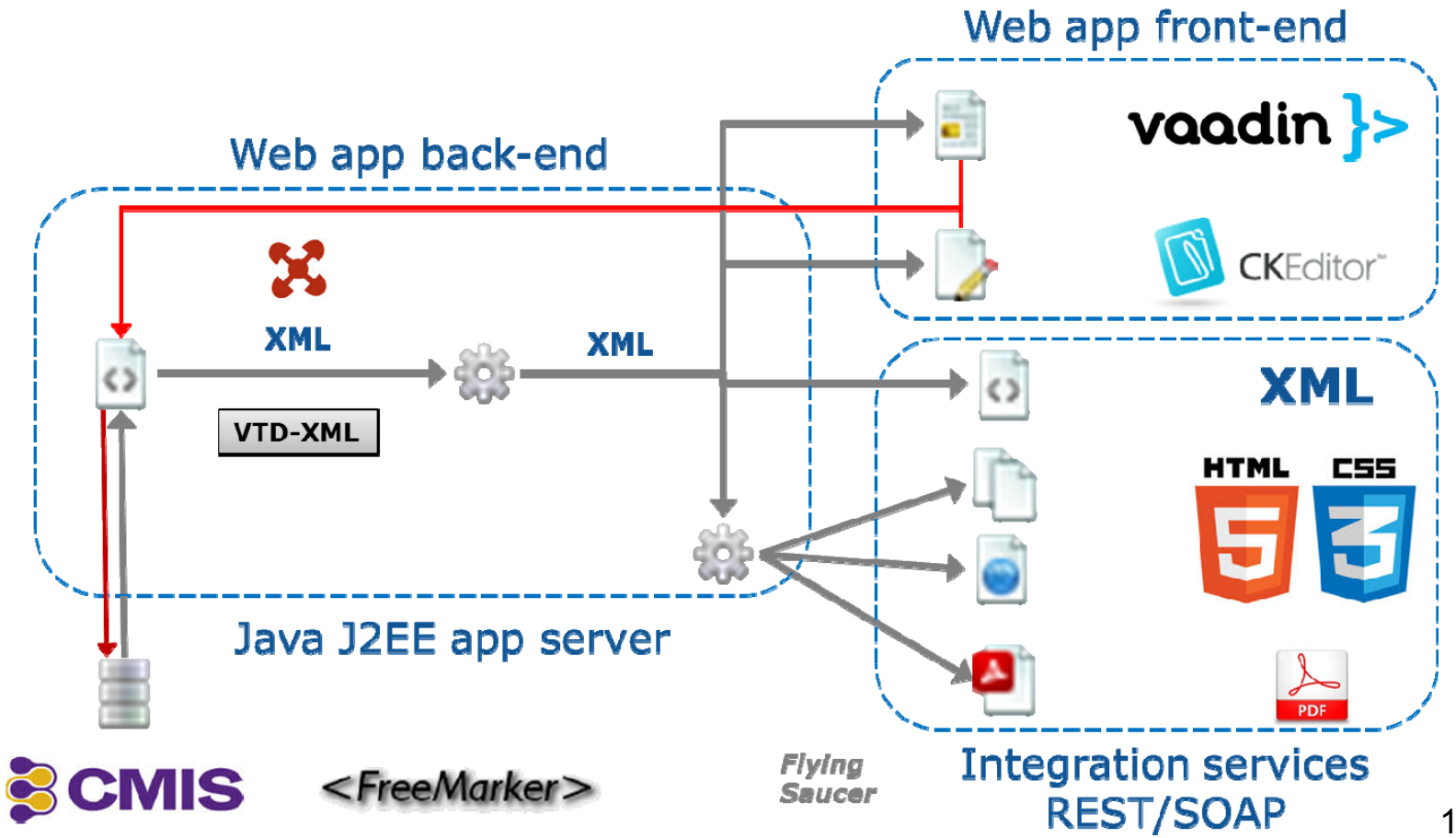
Interface for review 1 click, 1 comment



Collaborative work simultaneous drafting



Architecture overview



Current status at the Commision

- Pilot on the ordinary legislative procedure (proposals of the Commission) planned

- First files being sent to partners in XML expected in 2018

Code available under EUPL licence

Download at

https://joinup.ec.europa.eu/software/leos

Can run for evaluation on a workstation
Prerequisite : Java 8 with Maven

Q&A