



LEOS prototype

ISA Action 1.13

Géraud Berton, DIGIT.B.2

Brussels 12-05-2016

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.”

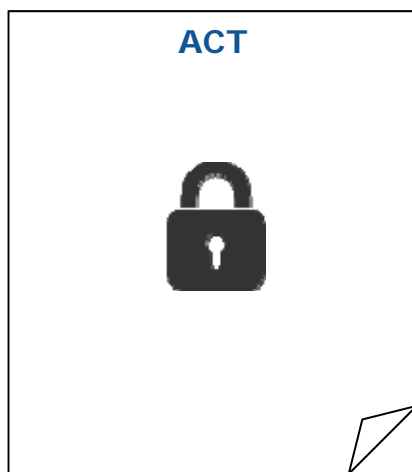


Context

- **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

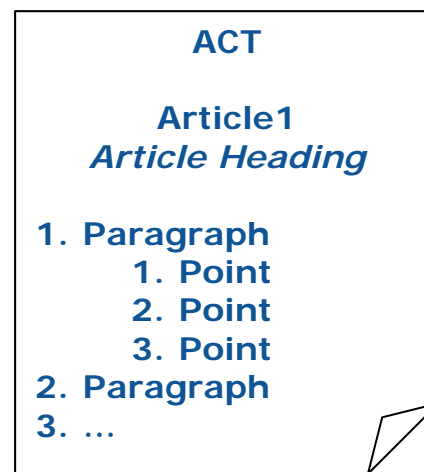
Need: A new format for legislation

Today

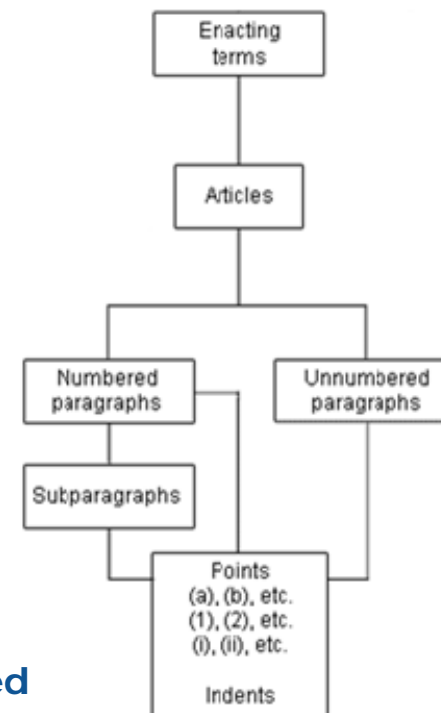


Word processor format
monolithic, IT tools cannot
easily access its content ☹

Target



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*



Act repository



English (en) | Berton Geraud (bertogd)



FILTERS	Reset
STAGES	
IN REVIEW	<input checked="" type="checkbox"/>
IN DRAFTING	<input checked="" type="checkbox"/>
FOR EDITION	<input checked="" type="checkbox"/>
TEMPLATES	
Sj-016	<input checked="" type="checkbox"/>
LANGUAGES	
English	<input checked="" type="checkbox"/>
ROLES	
As Owner	<input checked="" type="checkbox"/>
As Contributor	<input checked="" type="checkbox"/>

Search by document title

Create document

-  DRAFT - Proposal for a DECISION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on interoperability solutions for European public administrations (ISA) [Open](#)
Language: English
-  FEEDBACK - Proposal for a DECISION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on interoperability solutions for European public administrations (ISA) [Open](#)
Language: English
-  Edition Proposal for a DECISION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on interoperability solutions for European public administrations (ISA) [Open](#)
Language: English
-  Feedback on Proposal for a DECISION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on interoperability solutions for European public administrations (ISA) [Open](#)
Language: English
-  Feedback Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on prudential requirements for credit institutions and investment firms (extract) [Open](#)
Language: English
-  Feedback Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the protection of undisclosed know-how and business information (trade secrets) against their unlawful acquisition, use and disclosure [Open](#)

Act creation wizard

Create new legislative document - Template selection (1/2)

Type: Language:

- ▶ Interinstitutional proposals - Law Initiative (COM/JOIN)
 - ▶ Autonomous acts (article 288, article 290, article 291 TFEU and internal decisions)
 - ▶ Other acts to be approved by the Commission (to be transmitted to the other institutions C)
 - ▶ Staff working document

Step 1 of 2:
Select the document type, language and name.



Drafting environment



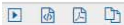
English (en) | Berton Geraud (bertogd)



Document Viewer

DRAFT - Proposal for a DECISION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on interoperability solutions for European public administrations (ISA)

Close Metadata Download



Brussels, XXX
[...] (2014) XXX draft

Proposal for a
DECISION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
on interoperability solutions for European public administrations (ISA)

LEGAL TEXT

Table of Contents

- Preface
- Preamble
- Citations
- Recitals
- Enacting Terms
 - Article 1 - Subject matter and objective
 - Article 2 - Definitions
 - Article 3 - Activities
 - Article 4 - General principles
 - Article 5 - Actions
 - Article 6 - Project charter and execution report
 - Article 7 - Solutions
 - Article 8 - Implementation rules
 - Article 9 - Rolling work programme
 - Article 10 - Budgetary provisions
 - Article 11 - New article
 - Article 12 - Community financial contribution
 - Article 13 - Committee
 - Article 14 - Monitoring and Evaluation
 - Article 15 - International cooperation
 - Article 16 - Non-Community initiatives
 - Article 17 - Article heading...
 - Article 18 - Financial provisions
 - Article 19 - Entry into force
- Signature



European
Commission

Management of higher divisions drag and drop

Edit table of content

Table of content

- Preface
- ▼ Preamble
 - Citations
 - Recitals
- ▼ Enacting Terms
 - Article 1 - Subject matter and objective
 - Article 2 - Definitions
 - Article 3 - Activities
 - Article 4 - General principles
 - Article 5 - Actions
 - Article 6 - Project charter and execution report
 - Article 7 - Solutions
 - Article 8 - Implementation rules
 - Article 9 - Rolling work programme
 - Article 10 - Budgetary provisions
 - Article 11 - New article
 - Article 12 - Community financial contribution
 - Article 13 - Committee

Drag new elements

- Part
- Title
- Chapter
- Section
- Subsection
- Article

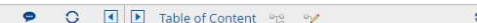
Selected element

Type

Number

Heading

Wysiwyg edition of text



for the management of the programme.

(30) Since the objectives of the action to be taken to facilitate the efficient and effective electronic cross-border and cross-sector interaction between European public administrations enabling the delivery of electronic public services supporting the implementation of Community policies and activities cannot be sufficiently achieved by the Member states and can therefore, by reason of the scale and effects, be better achieved at Community level, the Community may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty. In accordance with the principle of proportionality, as set out in that article, this Decision does not



Article 1

Subject matter and objective

1. This Decision establishes, for the period 2010-2015, a programme on interoperability solutions for European public administrations, including Community institutions and bodies, providing common and shared solutions facilitating interoperability (hereinafter the "ISA programme").
2. The objective of the ISA programme is to support the cooperation between European public administrations by facilitating the efficient and effective electronic cross-border and cross-sector interaction between such administrations enabling the delivery of electronic public services supporting the implementation of Community policies and activities.

Article 2

Definitions

1. For the purposes of this Decision, the following definitions shall apply:
 - (a) "interoperability" means the ability of disparate and diverse organisations to interact

Table of Content

- Preface
- ▼ Preamble
 - Citations
 - Recitals
- ▼ Enacting Terms
 - Article 1 - Subject matter and objective
 - Article 2 - Definitions
 - Article 3 - Activities
 - Article 4 - General principles
 - Article 5 - Actions
 - Article 6 - Project charter and execution report
 - Article 7 - Solutions
 - Article 8 - Implementation rules
 - Article 9 - Rolling work programme
 - Article 10 - Budgetary provisions
 - Article 11 - New article
 - Article 12 - Community financial contribution
 - Article 13 - Committee
 - Article 14 - Monitoring and Evaluation
 - Article 15 - International cooperation
 - Article 16 - Non-Community initiatives
 - Article 17 - Article heading...
 - Article 18 - Financial provisions
 - Article 19 - Entry into force
- Signature



Track changes & comments



English (en) | Berton Geraud (bertogd)



Document Viewer

DRAFT - Proposal for a DECISION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on interoperability solutions for European public administrations (ISA)

Close Metadata Download

Changes between version 1.0 and 1.13

- (b) a breakdown of the expected costs and, whenever appropriate, the milestones to be reached.
- 5. A project may be included in the rolling work programme in any of its phases.

Article 10

Budgetary provisions

1. Funds shall be released on the basis of the reaching of specific milestones which shall be the following:
 - (a) for the initiation of a study, an accompanying measure or the inception phase of a project the milestone shall be the inclusion of the project in the rolling work programme;
 - (b) for the initiation of the execution phase of a project the milestone shall be the project charter;
 - (c) for the initiation of the subsequent operational phase of a project the milestone shall be the execution report.
2. Milestones to be reached during ~~the modified execution text phase~~, as well as the ~~operational phase~~, if any, shall be defined in the rolling work programme.
3. If a project is included in the rolling work programme in its execution or operational phase, funds are released upon ~~inclusion~~ added text inclusion in the rolling work programme.
4. Modifications to the rolling work programme concerning budgetary allocations of more than EUR 400.000 per action shall be adopted in accordance with the procedure referred to in Article 12(2).
5. **New paragraph inserted**
- ~~5-6.~~ The ISA programme shall be implemented on the basis of the rules of public procurement.

Article 11



Article 10

Budgetary provisions

1. Funds shall be released on the basis of the reaching of specific milestones which shall be the following:
 - (a) for the initiation of a study, an accompanying measure or the inception phase of a project the milestone shall be the inclusion of the project in the rolling work programme;
 - (b) for the initiation of the execution phase of a project the milestone shall be the project charter;
 - (c) for the initiation of the subsequent operational phase of a project the milestone shall be the execution report.
2. Milestones to be reached during modified text, if any, shall be defined in the rolling work programme.
3. If a project is included in the rolling work programme in its execution or operational phase, funds are released upon added text inclusion in the rolling work programme.
4. Modifications to the rolling work programme concerning budgetary allocations of more than EUR 400.000 per action shall be adopted in accordance with the procedure referred to in Article 12(2).
5. **New paragraph inserted**
6. The ISA programme shall be implemented on the basis of the rules of public procurement.

BG (bertogd) - 2016-05-12 17:29
Loi nisi ut aliquip ex ea commodo consequat. Duis ad aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur

BG (bertogd) - 2016-05-12 17:31
another comment on that paragraph



European
Commission

Comparison of versions

Compare revision 1.0 with revision 1.7

Version Comparison Single Column Two Columns

Author: LEOS	Date: 5/12/16 3:25 PM	Revision: 1.0	Author: Berton Geraud	Date: 5/12/16 5:01 PM	Revision: 1.7
Comments:			Comments: Article Updated		
<p>1. Funds shall be released on the basis of the reaching of specific milestones which shall be the following:</p> <p>(a) for the initiation of a study, an accompanying measure or the inception phase of a project the milestone shall be the inclusion of the project in the rolling work programme;</p> <p>(b) for the initiation of the execution phase of a project the milestone shall be the project charter;</p> <p>(c) for the initiation of the subsequent operational phase of a project the milestone shall be the execution report.</p> <p>2. Milestones to be reached during the execution phase as well as the operational phase, if any, shall be defined in the rolling work programme.</p> <p>3. If a project is included in the rolling work programme in its execution or operational phase, funds are released upon inclusion in the rolling work programme.</p> <p>4. Modifications to the rolling work programme concerning budgetary allocations of more than EUR 400.000 per action shall be adopted in accordance with the procedure referred to in Article 12(2).</p> <p>5. The ISA programme shall be implemented on the basis of the rules of public procurement.</p> <p style="text-align: center;"><i>Article 11</i></p> <p style="text-align: center;">Community financial contribution</p> <p>1. The establishment and improvement of common frameworks and generic tools shall be funded fully by the ISA programme. The use of such frameworks and tools shall be financed by the users.</p>	<p>1. Funds shall be released on the basis of the reaching of specific milestones which shall be the following:</p> <p>(a) for the initiation of a study, an accompanying measure or the inception phase of a project the milestone shall be the inclusion of the project in the rolling work programme;</p> <p>(b) for the initiation of the execution phase of a project the milestone shall be the project charter;</p> <p>(c) for the initiation of the subsequent operational phase of a project the milestone shall be the execution report.</p> <p>2. Milestones to be reached during the execution phase , if any, shall be defined in the rolling work programme.</p> <p>3. If a project is included in the rolling work programme in its execution or operational phase, funds are released upon added text inclusion in the rolling work programme.</p> <p>4. Modifications to the rolling work programme concerning budgetary allocations of more than EUR 400.000 per action shall be adopted in accordance with the procedure referred to in Article 12(2).</p> <p>5. New paragraph inserted</p> <p>6. The ISA programme shall be implemented on the basis of the rules of public procurement.</p> <p style="text-align: center;"><i>Article 11</i></p> <p style="text-align: center;">New article</p> <p>1. New paragraph...</p> <p style="text-align: center;"><i>Article 12</i></p> <p style="text-align: center;">Community financial contribution</p> <p>1. The establishment and improvement of common frameworks and generic tools shall be funded fully by the ISA programme. The use of such frameworks and tools shall be financed by the users.</p>				

Close



Interface for review 1 click, 1 comment

management measures within the meaning of Article 2 of Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementation powers conferred on the Commission⁸ they should be adopted by use of the management procedure provided for in Article 4 of that Decision.

(26) The ISA programme should be regularly monitored and evaluated in order to allow for readjustments.

(27) International cooperation should be encouraged and in this respect the ISA programme should also be open to participation by the countries of the European Economic Area and the candidate countries. Cooperation with other third countries and international organisations or bodies should also be encouraged, notably within the framework of the Euro-Mediterranean Partnership and with neighbouring countries, in particular the Western Balkan countries.

(28) In order to ensure the sound management of the financial resources of the Community and to avoid needless proliferation of equipment, repetition of investigations and divergent approaches, it should be possible to use solutions established or operated by the ISA programme by non-Community initiatives as long as no costs are incurred for the Community budget, and the main Community objective of the solution is not compromised.

(29) A financial envelope constituting the prime reference, within the meaning of point 37 of the Interinstitutional Agreement of 17 May 2006 between the European Parliament, the Council and the Commission on budgetary discipline and sound financial management should be established for the entire duration of the programme. This envelope should also cover expenditure related to preparatory, monitoring, control, audit and evaluation measures directly required for the management of the programme and the achievement of its objectives, and in particular studies, meetings of experts, information and publication measures, expenses linked to IT systems and networks for the exchange and processing of information, together with all other technical and administrative assistance expenditures that the Commission may incur for the management of the programme.

(30) Since the objectives of the action to be taken to facilitate the efficient and effective electronic cross-border and cross-sector interaction between European public administrations enabling the delivery of electronic public services supporting the implementation of Community policies and activities cannot be sufficiently achieved by the Member states and can therefore, in view of the scale and effects, be better

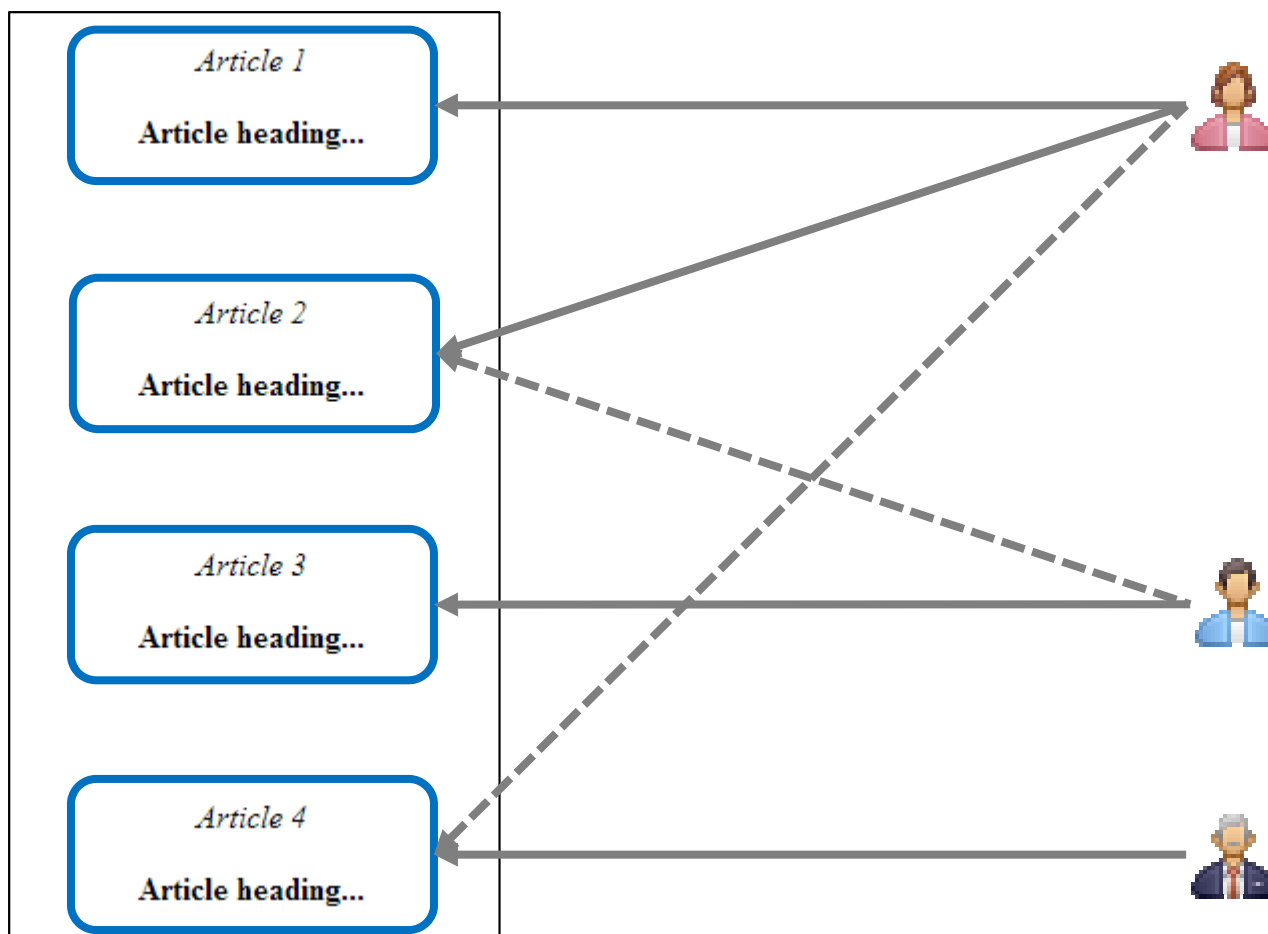
Table of Content

- Preface
- Preamble
 - Citations
 - Recitals
- Enacting Terms
 - Article 1 - Subject matter an
 - Article 2 - Definitions
 - Article 3 - Activities
 - Article 4 - General principle:
 - Article 5 - Actions
 - Article 6 - Project charter an
 - Article 7 - Solutions
 - Article 8 - Implementation r
 - Article 9 - Rolling work prog
 - Article 10 - Budgetary provi:
 - Article 11 - Community fina
 - Article 12 - Committee
 - Article 13 - Monitoring and I
 - Article 14 - International co
 - Article 15 - Non-Community
 - Article 16 - Financial provis
 - Article 17 - Entry into force
 - Signature

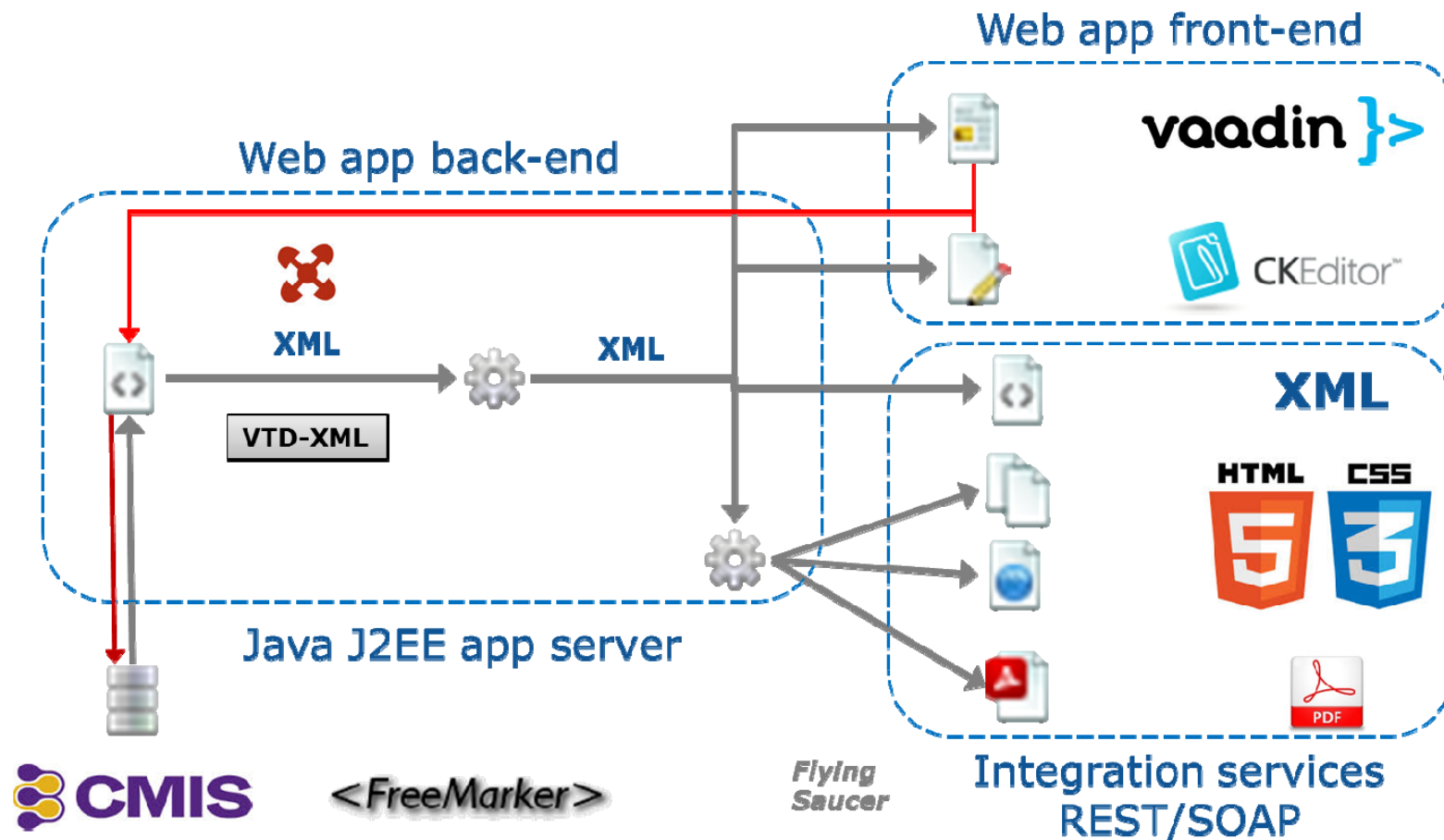
Berton Geraud (DIGIT) new comment...
Post · Cancel

Developed by DIGIT.B2 | Version: 2.1.0-SNAPSHOT (dev) | Revision: 3019 | Date: 2016-05-12 15:16 CEST

Collaborative work simultaneous drafting



Architecture overview





Current status at the Commission

- **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

