



SEAL

Smart Environment for Assisting Legislative Drafting

D2.1 Requirements drafter environment

“A living document”

Document prepared by:
S. van de Ven – University of Amsterdam

Contributions from:
CIRSFID/University of Bologna
Austrian Parliament
Dutch Parliament
Italian Chamber of Deputies
Italian Senate
O&I

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Version History

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1. Introduction

At the last meeting – the SEAL project kick-off on February 19th 2007 in The Hague – the participants agreed to collect the critical success criteria and functional and technical requirements. A questionnaire for these criteria and requirements was sent last March and listed in one document for the SEAL project. In a series of open questions the general drafter environment, associated processes and technical requirements were inventoried as a basis for the requirements of the drafter tool and selection for an editor. The answers to these questions are listed in the Appendix.

Within the pilot the main objective was to use/test the three working environments. The use also leads to requirements for refinement of the working environments. The requirements can relate to functionalities as well as usability.

This document will start with presenting an overview of all important findings as a result of the test sessions and all processed questionnaires. Furthermore this document provides a concrete list of requirements for the drafter environment. The requirements section is the part that makes this document a “living document”. As Rapid Application Development (RAD) is used, the whole creation process consists of multiple small cycles of building, testing and refining the drafter environment. This way the list of requirements will keep on growing, containing all the basic requirements from the pre-testing phase as well as refined requirements, gathered during and after the testing phase. This complete list of requirements is necessary for the selection of one of the three editors with regard to the different work situations and will go into WP3.



2. General Findings

In the general section of the questionnaire all testing participants were posed the question: “How should the (drafters) tool support the general process?” This general process differs for all parties, and (possibly because of that), so do the answers. Because of that, the conclusions will be listed separately. Other findings as result of the test sessions are summarized as well.

2.1. Austrian findings

A drafter’s tool should support the business of legislative drafting at the stages of the federal ministries and the parliamentary groups, as well as legislative editing at the stages of the Federal Government, the parliamentary committees and plenary.

The tool would have to be connected with the Fabasoft workflow system on the government level as well as the Oracle database on the parliamentary level, so that the draft documents could be stored, transported and processed in these systems. Such a tool would, of course, have to support editing of draft bills and other legislative documents in accordance with the Legislative Drafting Rules issued by the Federal Chancellery and the document formats jointly established by the Federal Chancellery and the Parliamentary Administration.

2.2. Dutch Findings

Highest priority according to the Dutch testers, is to make sure the user interface of the tool will be intuitive and user-friendly. As long as this is not the case, most users will not consider the editor a viable product, and their comments will focus on those shortcomings.

Next in priority is the functionality needed to support the Dutch Guidelines for Legal Drafting. Being able to support those guidelines is what will make using this editor worthwhile for the legal drafters (who themselves have no real desire for MetaLex documents).

Two more groups of desired wishes were identified: those that add to the ease of editing and a group of miscellaneous wishes and ideas.

2.3. Italian Findings

The Chamber of Deputies and Senate think an editor-application may help during the following tasks:

- correction of the draft text when it arrives from the Senate in order to check immediately the part modified by the other house
- consolidating the amendments in the Commission and Assembly work after the approval
- comparison between two texts and between several amendments and the text.

This list is rather limited, which has a number of reasons. Both houses agreed that as the activity of drafting is rather frantic, traditional tools and technology are faster than the PC and digital files. In addition, the typographer takes care of re-formatting all the data as is needed for the official printing and for feeding the internal Information System databases. (However, should the editor be able to do the formatting, then the procedure may be changed, removing this task from the typographer).



In addition, the editor would be useful for the intermediate phases of the process (post-process phases):

- the phase where the text is inserted
- the phase of checking, reading and managing the data entry
- the phase where the mark-up activities take place.

Concerning the tools used during the processes, several issues must be considered:

- the short time between each step
- the different inputs coming during the debate from the parliamentarians
- the different formats of the amendments (some of them arrive to the commission on little post-it notes)
- different control system (the control system is still based on paper and signature)

During the last 20 years, these factors have forced the administrative service to improve the internal procedures, which now have become so specialised that they are easier to use with paper documents than with a digital workflow.

Both Italian editors have been tested before the SEAL project. Though not an outcome of the SEAL project, we do present the requirements found during these tests as well. The Norma editor has already been modified to fulfil those requirements.

- the editor should be compliant with different legal systems, and should be applicable in different legislative scenarios (local, national, administrative).
- the architecture of the system should be scalable, and independent with regard to the database platform and the indexing engine, the hardware or the operating system. In a similar manner, the architecture should allow easy conversion to other languages or XML-schemas (which is important for the compliance with different legal systems).

The Norma editor has already been modified to fulfil those requirements. The xmlLegesEditor has been tested at CNIPA, resulting in a certification in the CNIPA official lists of software that can be shared for free among public administrations.



3. Requirements

3.1. Basic GUI

The GUI of the editing environment should be modified in such a way that the editor responds in a way the users expect it to (in other words, like Word and other known editors). All requirements in this section conduct to this desired behaviour.

WYSIWYG interface

Users of the drafting tool should not be confronted by the underlying XML-schema of the documents being created or edited. The tool should look and work like a conventional word processor, yet gives much more flexibility to alter or create content while keeping the underlying integrity intact. This kind of behaviour is also referred to as “WYSIWYG”, which is an acronym for “what you see is what you get”.

All testing parties agreed on the fact that a WYSIWYG interface is a highly desirable requirement for a drafting tool.

Valid XML structure

During composing or editing a document, the technical document structure remains hidden from the user. Despite this a valid XML format should be obtained in the background. This can be done, during the editing: by enforcing users to choose from only allowed elements provided by a menu. Another possibility is to convert the document to a valid XML format after the editing takes place.

The fact that the obtained document consists of all kinds of elements means a difference between using the new tool and a normal word processor. In a normal word processor a user can just start typing and save documents in a normal way and doesn't have to bother about the order of specific text elements. The way this interaction between the user and the document structure takes place, should be really straightforward. This to make sure the editor remains user-friendly, even for inexperienced users.

Document structure pane

When working with large documents, it is useful to provide a pane that shows the overall document structure. When the structure is hierarchically displayed and can be collapsed or expanded, it allows a user to easily navigate through the text and move over to see the relevant pieces. Another solution can be to show the user the current document position in just one line somewhere at the top or the bottom of the document e.g. Chapter 1 Introduction, paragraph 2.2 etcetera.

Pointing out the document structure to the user is not only useful for searching for specific pieces of a document, but also to make sure a user keeps track of the current document position during drafting, e.g. Chapter 1 Introduction, paragraph 2.2, subparagraph 2.2.3.

Annexes

Often, an act includes multiple annexes to separate the technical information from the legal norms. To help the user manage those annexes during the legal drafting activities, the editor should provide a GUI that organises the annexes in a hierarchical way. It should include functionality to add or remove them and to recall them every time the main document is opened by the user.



Multimedia

Multimedia such as pictures, maps and tables may be included in a regulation. Therefore, at some stage, the editor should manage the inclusion inside of the document or as separate external file multimedia object.

Document attributes

When using MetaLex XML files, it's possible to add extra information to certain elements of a document, in the form of attributes. This metadata will be useful for publication, for favouring the accessibility to the legal knowledge and for improving transparency and accountability in the democratic debate in the Parliament.

When using the editor it should be possible to access the attributes belonging to the current, selected element. This way the user can add extra information to the elements, during editing or composing a document.

3.2. Editing functionality

Besides a user-friendly GUI the editing environment should offer extra functionality to support the editing of documents, legal documents in particular. This section describes all requirements that aim to contribute to this kind of functionality.

General editing features

The editor should provide users the basic editing functions, since it is not desirable to leave out functionality users are already accustomed to. Things like copying, cutting, pasting and some basic formatting functions should certainly be present. Undo functionality is also highly desirable.

Templates

Over the years legal drafters have begun standardising typical phrases (the words and structures) used for certain "legal statements". For a lot of structures that may appear in a law, this standardisation has left us with only a handful of options, instead of the many options that the use of natural language offers. The editor should offer possibilities to supply drafters with these kind of drafting suggestions, e.g. by offering a menu with templates to choose from or provide auto-completion when users start typing.

As soon as the editor supports the use of templates, the next step is to enable users to edit existing templates or create their own templates. In addition to templates, best practices, current handbooks, guides and regulations on legislative drafting (starting with the Guide jointly adopted by the European Parliament) will be considered.

According to the results of the questionnaire support the other way around is also considered useful, e.g. give a warning if the drafter ignores predefined rules. This should however not be too strict, users should still have the freedom to ignore warnings like this.

References

Since a legal document contains many references, its position in the complete legal framework is also made clear through references. At a more advanced stage of development the editor should be able to support automatic generation of links for any references inserted, allowing drafters to easily validate such references.



Multiple languages

Since the composed or edited legislative documents are written in various languages with corresponding XML schemas, the editor should also support multiple languages.

There should be an option in the menu to choose between different languages. Besides a menu option, setting the language according to the language in the corresponding XML Schema file could also be a nice solution.

According to the answers on the questionnaire regarding this issue, opinions vary. The tool should be available in various languages, but being able to switch between different languages during editing is not considered to be of high importance.

Creating Amendments and Consolidations

After editing an existing legal document, the editor must provide an option to automatically generate corresponding amending provisions. This can take two forms, which may be joined in the same document:

- A textual form, i.e. the actual text describing the changes to be made, as is used in the legislative system.
- An abstract data format that contains the changes in such a way that they can easily be applied to the main document.

Furthermore, the editor must provide functionality to generate consolidated versions of legislation including the modifications resulting from amending provisions.

Added functionality

Common word processors usually provide some additional functionality besides basic document editing functions. Since these kinds of add-ons are not really necessary in this stage of the project, they will have a low priority on the total list of requirements.

A spelling checker, being able to track changes, generating a change log, etcetera are considered added functionality and should be taken into consideration in future development.

3.3. Document format

Although containing more generic functionalities, the editors are specifically intended to produce MetaLex XML, an open XML standard for the mark-up of legal documents. This standard provides a generic and easily extensible framework for the XML encoding of the structure and contents of written public decisions, or public legal documents of a general and regulatory nature.

Multiple XML-Schemas or DTDs

Because of the fact that the editor should be applied in different national contexts, different XML-schemas or DTDs should be permitted inside of the editor for marking up the document. Each country will provide its own XML-standard, which is an extension to MetaLex/CEN. This guarantees some level of interchangeability.

In this case the editor should be enough flexible to charge on-the fly the XML-Schemas or DTDs selected and preferred by the user.

Formatting

Since XML is a data description language, XML documents do not carry information about how to display the data. Without using some kind of formatting, a generic XML document is rendered as raw XML text. In order to present the XML structure in a way a normal word



processor would present it, a stylesheet language – describing for example, colors, fonts and layout – is needed.

A stylesheet language is a computer language used to describe the presentation of structured documents. The language that will be used is CSS (Cascading Style Sheets). CSS also allows the same XML document to be presented in different styles.

Export functions

By means of XSLT transformations, MetaLex XML can be converted to different formats, such as PDF, (X)HTML and RTF. Further expanding the range of programs that can handle the data in some way is possible as well. The editor should provide functions or wizards to enable the users to easily export the current XML-document into these different formats.

The mentioned export functions should also allow for publishing of legal drafts, which makes it possible to interact with the public in an early stage. This will support transparency in any phase of the legislation process in front of the Parliaments as well as citizens.

Impact analysis

According to the answers of the questionnaire functions like doing an impact analysis on changed or new regulation is considered useful. An analysis like this requires a model of the written legislation to be able to make calculations of its behavior. Models like this could also be used to check the coherence of a newly written legislative document with existing legal sources.

Despite the fact that functions to check coherence and consistency of legislative documents can be very useful, they are beyond the goals of this project.



3.4. Technical requirements

Aimed users will be mainly working with the editor, not knowing what's behind the scenes. But functionality for storing, controlling, versioning, and publishing composed or edited documents should also be present. The proposed tool is a working environment with a content management system and workflow and groupware system facilities. These needs will be served by the Be Informed infrastructure and working environment. Be Informed will act as the system integrator for the add-ons and editors and will make sure that the working environment will be offered in one single package.

The add-ons as well as the three editors (also a kind of add-on) are available as separate components. The MetaLex XML schemas must be combined with the editors and their corresponding frames must be build in. Furthermore the proposed environment should consist largely of open source components that allow future development of plug ins and add on functionalities. It is also highly desirable for the software to be platform independent, to make sure it does not rely on any special features of any single platform, or, if it does, it is able to handle those special features such that it can deal with multiple platforms.

Storage

Documents composed or edited with the drafting tool should be saved in a data repository suitable for querying to make sure finding documents doesn't take too much time. When working with a client-server structure, the user should be prompted to store documents offline, in case there's no server connection. It should also be possible to connect to the server with various types of clients (e.g. browser, mobile environment).

Manage content

Users of the drafting tool would all highly appreciate the possibility to link documents to each other, e.g. connecting the amendments proposed by the commission with the minutes, reports, voting documentation, etc. coming from the Parliament work.

Another useful add-on would be to be able to centrally manage certain terms and definitions and to make them available locally.

Version Storage

When storing documents, a versioning storage mechanism should also be considered. MetaLex provides a means of versioning, but it's also useful to be able to use the versioning mechanism provided by the Be Informed environment. When users open a document they should be able to choose between older versions or just the latest version. The repository should provide functionality to archive old versions as well.

Security

The editor tool should provide functionality to restrict access to (parts of) certain documents. The possibility to assign different rights to different users or user groups could also be useful. Depending on user rights, specific functionalities can be restricted, such as editing, approval or administrative features.

Integration

Integration of the tool with existing decision support systems or information systems in the parliaments can be useful as well.



Workflow -and groupware facilities

Pages that are being edited should automatically be locked for other users, preventing conflicting changes to the same page. But if more than one person is involved in creating a document, a means of collaboration should also be considered. By means of groupware facilities, drafters should be able to work together on the same project. They can comment on each other's work, and consult each other's comments. Tasks are divided in sub-tasks and progress can be monitored. The Be Informed case management tool is taking care of these kinds of workflow- and groupware facilities.

Support

In future development the editor should provide support by means of a help function. Users should be able to get instructions on all available functions, wizards etcetera and should be able to search through solutions for frequently known issues.

Search mechanism

The tool should also provide the user with advanced search mechanisms. It would be very useful for the content management system to offer users a way to search through temporal elements (in force, efficacy, applicability). Those searches-by-time are possible in two directions: (a) considering document by document or (b) as a coordinated and consistent snapshot of the entire document collection. As (a) is the less complex variant, this will probably be the first to be considered.



Appendix - Answers Questionnaire

A part of the questionnaire was intended to inventory the requirements for the drafters tool. The answers to these questions are listed in this Appendix.

Answers marked with an 'A' are from the Austrian party, 'I' stands for the Italian contributions and 'D1' and 'D2' are used to indicate Dutch answers to the posed questions.

Questions about the functional requirements

The following form may help to catalogue and deliver the initial inputs. In this chapter there are only closed questions with a scale from 1 to 5, where 1 means high priority and 5 means low priority. At the end of the questionnaire you can give your additional input. For example functionality that you think should be added to the list.

Success filling in the form!

1. Requirements	
<i>Is it desirable to:</i>	
consolidate documents into one document?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A
	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1
	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2
support the coherence of new initiative legislation with the existing legal system (make law not in contrast with the existing ones)?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> A
	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1
	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2
support transparency in any phase of the legislation process in front of the Parliaments and of the Citizen	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A
	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> D1
	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2
	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I



	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A
implement security / user rights in the tool?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1
For example a concept amendment may not be published (intern / extern) before it is definitive?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
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integrate the tool with existing decision support systems / information systems in the parliaments?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
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have the possibility to produce different VARIANT of the same bill and to compare them with a delta tool?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
Drafting functionality	
<i>Is it desirable to:</i>	
	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D1
do impact analyses of new regulation?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> I



do impact analyses on changed regulation?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
be able to use best practices of other drafters while drafting?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
be able to check the correctness of the reference?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
have a list of frequent sentences and linguistic vocabulary to choose from?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
have list of the main legal definitions of the national legal system to chose from?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I



Language and linguistic functions	
<i>Is it desirable to:</i>	
have the possibility for linguistic analysis for detecting wrong expression?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
have a Graphical User Interface available in a language other than English?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
have the possibility to switch between languages (English, German, Dutch, Italian)?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> I
Support	
<i>Is it desirable to:</i>	
have a help function in the drafters tool?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I



Interfaces <i>Which standard file types are desirable to be supported?</i>	
Word format:	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
HTML format:	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
PDF format:	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
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2. Application possibilities
Is it desirable to:

	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A
	1 2 3 4 5
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D1
	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2
	1 2 3 4 5
support electronic publication?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I

Creation of new files
Is it desirable to:

have the possibility to link documents to other documents?	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A
For example: connect the amendments proposed by the commission with the minutes, reports, voting documentation, etc. coming from the Parliament work	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1
	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2
	1 2 3 4 5
	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I

	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A
	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1
	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2
have a WYSWYG interface? (word-like interface)	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I

Technical information
Is it desirable to:

	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A
	1 2 3 4 5
	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1
	1 2 3 4 5
	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2
have a complete integration with MS office or Open Office?	1 2 3 4 5
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I



	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
have a complete open source tool	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
have a platform independent tool	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
Draft documents	
<i>Is it desirable to:</i>	
	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
for the tool to give a warning if the drafter ignores certain predefined drafters rules?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
have a possibility to build a hierarchic library in ad directory structure?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I



<p>have a hierarchy mechanism of management of the annexes?</p>	<p>1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I</p>
<p>track any actions done by a cert user?</p>	<p>1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I</p>
<p>have an undo functionality</p>	<p>1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I</p>
<p>be able to make annotations with the text?</p>	<p>1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I</p>
<p>have a Multi-user possibility?</p>	<p>1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I</p>



Electronic publication possibilities <i>Is it desirable to:</i>	
make it visible for the drafter if another user has opened the drafter's document?	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
<i>have the possibility to publish documents in the following formats:</i>	
Word format:	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
HTML format:	1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
PDF format:	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I



	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
XML	
Consistency of the created documents <i>Is it desirable to:</i>	
have the possibility to centrally manage certain terms and definitions and to make them available locally?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
have the possibility to generate a change log?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> D2 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I
Search functionality <i>Is it desirable to:</i>	
have the possibility of a search engine in the tool?	1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A 1 2 3 4 5 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D1 1 2 3 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D2 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> I



	1	2	3	4	5	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A
	1	2	3	4	5	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D1
	1	2	3	4	5	
have the possibility to search through temporal elements (inforce, validity, efficacy)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D2
	1	2	3	4	5	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	I

