

ELI

ELI-fication of an existing
legal information system



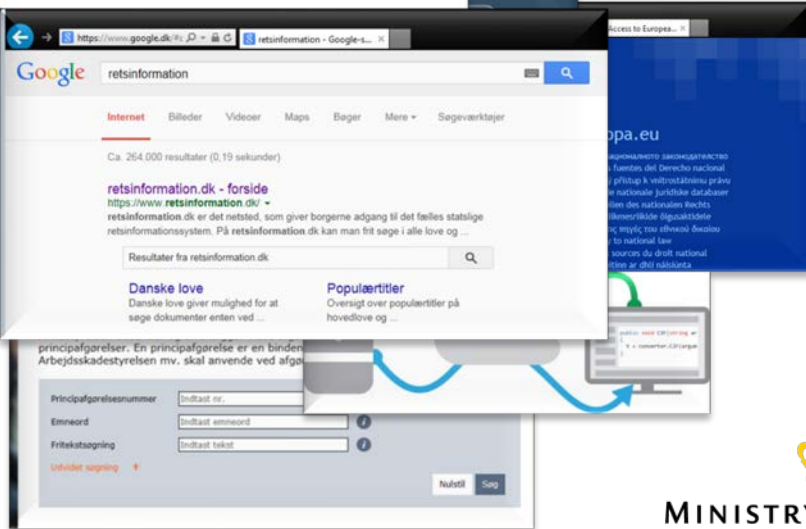
Different front-ends

lovtidende.dk

retsinformation.dk

Offentlighedsportalen

ABC
SVEJTT EMBLUMET



- Multitude of front-ends
 - Legal effect
 - System front-ends
 - Different formats
 - Related front-ends
 - Re-use front-ends
 - Preferred front-end



MINISTRY OF JUSTICE
DEPARTMENT OF CIVIL AFFAIRS

Document formats

- Back-end
 - .ldex
 - drafting in XML
 - .xml
 - .html
 - .pdf
 - .tiff
- Front-end
 - .html (for screen)
 - .html (for printing)
 - .pdf (with legal effect)
 - .pdf (without legal effect)
 - .xml
 - Meta data
 - Graphics (binaries)
 - Full text index
 - SQL
 - GSA



Meta data

- Capturing
 - Editor
 - Schemas
 - Drafters
 - Lex Dania klient
 - Drafters
 - Editors
 - Work flow
 - Parliament
- Exploiting
 - Documents (signature)
 - SQL
 - Advanced search
 - Lists
 - HTML
 - GSA search
 - SEO
 - XML
 - Re-use
 - Web-services



Our plan of implementation

- All documents in retsinformation.dk have a http URI according to the ELI standard
- Documents must be accessible by ELI
- Queries can be made with ELI
- Participate in the NIM test phase 3
- Display all documents for re-use in a modern way
- Our current frontend needs revamping and will be part of a call for tender – thus we do not use ELI internally yet
- But we have anything we need and just have to RE-USE our system for a new subsite

retsinformation.dk/eli



Pillar 1 URI Patterns

NAME	PATTERN	EXAMPLE
CST canonical	eli/{pubMedia}/{year}/{number}	eli/lta/2013/1120
CST partial	eli/{pubMedia}/{year}	
FT canonical	eli/ft/{accn}	
Alias accn	eli/accn/{accn}	
Alias retsinfoklassifikation	eli/{classification}/{docType}/{year}/{month}/{day}/{number}	
Alias retsinfoklassifikation	eli/{classification}/{docType}/{year}/{month}/{day}/{number}	eli/

Canonical URI's will in some odd cases end up with two resources!



Pillar 2

- Mapping phase was done
 - Few mandatory
 - Didn't add any
- NAL will be presented in html and perhaps later on in SKOS
- Meta data will be added to the html format as ELI meta data

changes	Change	Ændrer i/Ophæver (for alle de grupperinger, hvor det sker)
changed_by	Change	Senere ændringer til forskriften
basis_for	Concerns	(Lovgivning) som forskriften vedrører, eller andre grupperinger hvor vi anvender hjemmel/vedrører (her er det måske anvendt retsforskrift fra FOB)
based_on	Concerns	Alle (bekendtgørelser, cirkulærer) til denne (Lov)
cites	N/A	N/A
cited_by	N/A	N/A
consolidates		Indarbejde forskrifter
consolidated_by		Sammenkrevet Af (senere ændringer)
transposes	EfDirectives	Links til EU direktiv jr. Note 1
transposed_by		
implements	EuReferences	Links til øvrige EU dokumenter
implemented_by		



Pillar 3

- Accessible as RDFa in the header of the HTML pages
- Accessible as RDF in XML
- But the implementation of Resource, Expression and Format is difficult

https://rdfa.info/play/

RDFa

document.getIvencyOf('title', 'author', 'date', 'type', 'format', 'media')

Web Page

Web Site

Web Form

Web Page

Web site content, unless otherwise noted, is released into the public domain.

https://test.reta.information.dk/11/1/2013/12/13/11

This XML file does not appear to have any style information associated with it. The document tree is shown below:

```
<?xml version="1.0" encoding="UTF-8" ?><rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"><rdf:Property rdf:type="http://test.reta.information.dk/11/1/2013/12/13/11/property" rdfs:label="title" rdfs:comment="Title of the document" /><rdf:Property rdf:type="http://test.reta.information.dk/11/1/2013/12/13/11/property" rdfs:label="author" rdfs:comment="Author of the document" /><rdf:Property rdf:type="http://test.reta.information.dk/11/1/2013/12/13/11/property" rdfs:label="date" rdfs:comment="Date of the document" /><rdf:Property rdf:type="http://test.reta.information.dk/11/1/2013/12/13/11/property" rdfs:label="type" rdfs:comment="Type of the document" /><rdf:Property rdf:type="http://test.reta.information.dk/11/1/2013/12/13/11/property" rdfs:label="format" rdfs:comment="Format of the document" /><rdf:Property rdf:type="http://test.reta.information.dk/11/1/2013/12/13/11/property" rdfs:label="media" rdfs:comment="Media of the document" /></rdf:RDF>
```