ELI Ontology

V1.2
Can contain other

LegalResource

Can be expressed in various

LegalExpression

Can be published in various

Format

Is expressed in concrete files
DETAILLED ONTOLOGY DIAGRAMS
Legend

- **LegalResource**
  - Class defined in the model

- **skos:Concept**
  - Class defined in another ontology

- **LegalResource**
  - Literal properties (strings, integer, float, dates, booleans, xsd:anyURI, etc.) on a class
  - • date_document
  - • physicalMedium (*)

- **is_about**
  - AnnotationProperty, that can take as a value either a literal or a URI

- **has_legalresource [1..*]**
  - Class/subclass relationship (rdfs:subclassOf)

- **based_on / basis_for**
  - Property linking 2 ressources

- **Min and max cardinalities on a property**: 
  - [1] one and only one value, [1..*] at least one value. If nothing is written, assume [0..*], no restriction.

- **Object property and its inverse property**
LegalResource or LegalExpression

- number
- description
- version_date
- first_date_entry_in_force
- date_no_longer_in_force
- date_applicability
- cited_by_case_law_reference

- related_to
  - cites / cites_by
  - cited_by_case_law

- changed_by / changes
  - consolidates / consolidated_by
  - commences / commenced_by
  - repeals / repealed_by
  - corrects / corrected_by*
  - amends / amended_by

- applies / applied_by
- is_another_publication_of / has_another_publication

LegalResource

- responsibility_of
- date_document
- date_publication

Agent

- passed_by
- responsibility_of_agent

Responsibility of Agent

Version

Admin.Area

InForce

ResourceType

Agent

InForce

Version

ResourceType

Admin.Area

« ELI part 2 » : LegalResource level

*: also applies to Format

V1.2
LegalExpression

- title [1..*]
- title_short
- title_alternative
- publisher

LegalResource

- number
- description
- version_date
- first_date_entry_in_force
- date_no_longer_in_force
- date_applicability

skos:Concept

Version

Language

Admin.Area

InForce

related_to
cites / cites_by

owl:Thing

title

title_short

title_alternative

version

relevant_for

in_force

language [1..*]

changed_by / changes
consolidates / changes

consolidated_by

commences / commenced_by

repeals / repealed_by

corrects / corrected_by*

amends / amended_by

basis_for
transposes

has_translation / is_translation_of

based_on
transposed_by

« ELI part 3 » : LegalExpression level
<table>
<thead>
<tr>
<th>Property</th>
<th>Range (class)</th>
<th>Corresponding ELI scheme</th>
<th>Existing EU Publications Office table ?</th>
</tr>
</thead>
<tbody>
<tr>
<td>type_document</td>
<td>eli:ResourceType</td>
<td>Eli:ResourceTypeTable</td>
<td>-</td>
</tr>
<tr>
<td>relevant_for</td>
<td>eli:AdministrativeArea</td>
<td>Eli:AdministrativeAreaTable</td>
<td>Administrative Territorial Units (+ local extensions)</td>
</tr>
<tr>
<td>jurisdiction</td>
<td>eli:AdministrativeArea</td>
<td>Eli:AdministrativeAreaTable</td>
<td>Administrative Territorial Units (+ local extensions)</td>
</tr>
<tr>
<td>passed_by</td>
<td>eli:Agent</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td>responsibility_of_agent</td>
<td>eli:Agent</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td>publisher_agent</td>
<td>eli:Agent</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td>rightsholder_agent</td>
<td>eli:Agent</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td>is_about</td>
<td>skos:Concept</td>
<td>n/a</td>
<td>Eurovoc + values to be locally defined</td>
</tr>
<tr>
<td>in_force</td>
<td>eli:InForce</td>
<td>eli:InForceTable</td>
<td>ELI includes a value set (in force, not in force, partially in force). No local extensions needed.</td>
</tr>
<tr>
<td>language</td>
<td>eli:Language</td>
<td>No ELI scheme : referring to OPEU language scheme</td>
<td>language (no local extensions needed)</td>
</tr>
<tr>
<td>version</td>
<td>eli:Version</td>
<td>eli:VersionTable</td>
<td>None</td>
</tr>
<tr>
<td>format</td>
<td>eli:FormatType</td>
<td>Eli:FormatTypeTable</td>
<td>ELI includes a value set. Local extensions are possible</td>
</tr>
<tr>
<td>legal_value</td>
<td>eli:LegalValue</td>
<td>eli:LegalValueTable</td>
<td>ELI includes a value set (unofficial, official &gt; authoritative &gt; definitive). No local extensions needed.</td>
</tr>
</tbody>
</table>