




European Directives in MetaLex

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Lex Types of Elements

- ◆ **Container**: contains other containers or block elements. E.g.: Regulation, Part, Article, Subpart, Sentence.
- ◆ **Block**: contains text. E.g.: TextVersion, Introduction, Annotation.
- ◆ **Inline**: occurs in text and contains text. E.g.: Cite, Reference, CitationDesignation.
- ◆ **Marker**: occurs in text, contains no text, but optionally container or block elements. E.g.: CiteGroup.

Lex Main Elements


- ◆ **Article**: structural element with a unique identification at the article level of the document
- ◆ **CitationDesignation**: full designation of the document that is used in citations
- ◆ **IndexDesignation**: designation of a structural element used for citation
 - **Category**: category designation of a structural element
 - **Index**: string that, in combination with a reference to the containing structural element, uniquely identifies a structural element
- ◆ **List**: full sentence or a sentence fragment contained in a list that is structured as an indexed, vertical list
- ◆ **Part**: structural element with a unique identification that contains part or articles
- ◆ **Sentence**: minimal structural unit of a document that is a full sentence and does not contain other structural unit markup
- ◆ **SentenceFragment**: minimal structural unit of a document that is a substring of a full sentence
- ◆ **SentenceFragmentSubPart**: indexed subpart of a list
- ◆ **SubPart**: structural element with a unique identification contained by an article or a subpart
- ◆ **Title**: informal designation of a structural element
- ◆ **Cite**: textual systematic reference, e.g. "article 3 of the Law on XML"
- ◆ **Reference**: textual non systematic reference, e.g. "our Minister"




Lex EU Directive 2000/185/EC -1

```



- <Article id="a1">
  - <IndexDesignation>
    - <Category>
      <TextVersion xml:lang="en">Article</TextVersion>
    </Category>
    - <Index>
      <TextVersion xml:lang="en">1</TextVersion>
    </Index>
  </IndexDesignation>
  ...
  
```

Lex EU Directive 2000/185/EC -2


```

<List>
- <SentenceFragment>
  - <TextVersion xml:lang="en">
    In accordance with
    <Cite xlink:href="http://www.metalex.nl/eec/77/388#a28_6"
      href="http://www.metalex.nl/eec/77/388/html/en#a28_6"
      xlink:type="simple">Article 28(6) of Directive 77/388/EEC</Cite>
    the following
    <Reference xlink:type="simple">Member States</Reference>
    are hereby authorised to apply the reduced rates provided for in
    <Cite xlink:href="http://www.metalex.nl/eec/77/388#a12_3_a"
      href="http://www.metalex.nl/eec/77/388/html/en#a12_3_a"
      xlink:type="simple">the third subparagraph of Article 12(3)(a)</Cite>
    for a maximum of three years running from 1 January 2000 to 31
    December 2002 to the services for which they have submitted
    applications in accordance with the required procedure, and which are
    listed under their names below:
  </TextVersion>
</SentenceFragment>
...
  
```

Lex MetaData -1

- ◆ **Author**: legislator or decision maker that is responsible for creating the legal source
- ◆ **Authority**: legislative competence created and delegated by law
- ◆ **Procedure**: type of procedure that resulted in the legislation
- ◆ **Editor**: responsible for creating and managing the MetaLex encoding of the legal source
- ◆ **Region**: spatial entity in which the rules in the regulation can be applied





Lex MetaData -2

- ◆ Date-publication
- ◆ Date-enacted
- ◆ Date-repealed
- ◆ Date-version: date the correctness of the content and other dates of the MetaLex element was last verified
- ◆ Extra:
 - date-start-efficacy; date-end-efficacy
 - Date-start-effect; date-end-effect



Lex Validity Time Intervals

date-publication	date-enacted	date-repealed	validity interval
T1	T2	T3	[T2, T3]
T1	T2	-	[T2, Tfuture]
-	-	t3	[Tpast, T3]
-	-	-	none
T1	-	-	[T1, Tfuture]
T1	-	T3	[T1, T3]
-	T1	-	[T1, Tfuture]
-	T1	T3	[T1, T3]



Lex EU Directive 2002/95/EC

```
<Regulation xmlns="http://www.metalex.nl/latest"
  xmlns:xhtml="http://www.w3.org/1999/xhtml"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.metalex.nl/latest
  ..\schema\metalex.xsd" id="Directive-2002-954-EC"
  date-start-effect="2002-12-07" date-enacted="2002-
  12-07" date-publication="2002-12-07"
  xml:base="http://www.metalex.nl/ec/2002/954">
```

