TEI-XML

In this chapter the TEI-structure will be explained used to digitalise the manuscript descriptions.

# Use

The Text Encoding Initiative (TEI) is a consortium which collectively develops and maintains a standard for the representation of texts in digital form. Its chief deliverable is a set of Guidelines which specify encoding methods for machine-readable texts, chiefly in the humanities, social sciences and linguistics. Since 1994, the TEI Guidelines have been widely used by libraries, museums, publishers, and individual scholars to present texts for online research, teaching, and preservation.[[1]](#footnote-1)

# Introduction TEI-XML

## Basic elements TEI

1. @xml:lang=“(fr/de/la/grc/en)”

(zie <https://www.iana.org/assignments/language-subtag-registry/language-subtag-registry>)

= any element can use the global xml:lang attribute in order to specify the language applicable to the content of that element.

1. **<p>**

=marks paragraphs in prose.

1. **<hi>**

=marks a word or phrase as graphically distinct from the surrounding text, for reasons concerning which no claim is made.

1. **<sic>**

= (Latin for thus or so) contains text reproduced although apparently incorrect or inaccurate.

1. **<q>**

= contains material which is distinguished from the surrounding text using quotation marks or a similar method, for any one of a variety of reasons including, but not limited to: direct speech or thought, technical terms or jargon, authorial distance, quotations from elsewhere, and passages that are mentioned but not used.

@type

* 1. **<quote>**

= contains a phrase or passage attributed by the narrator or author to some agency external to the text.

@source, if ≠ AL codices

* 1. **<cit>**

= contains a quotation from some other document, together with a bibliographic reference to its source. In a dictionary it may contain an example text with at least one occurrence of the word form, used in the sense being described, or a translation of the headword, or an example.

* + 1. **<quote>**
    2. **<bibl>**

1. **<term>**

= contains a single-word, multi-word, or symbolic designation which is regarded as a technical term.

1. **<g>**

=(character or glyph) represents a glyph, or a non-standard character.

@ref

= points to a description of the character or glyph intended.

1. **<dimensions>**

= contains a dimensional specification.

@type

= leaves, ruled, pricked, written, miniatures, binding or box.

@scope

= all, most or range.

@extent

= unit + quantity.

@quantity

@unit

= cm, mm, in, lines or chars.

* 1. **<height>**
  2. **<width>**
  3. **<depth>**
  4. e.a.

1. **<add>**

= contains letters, words, or phrases inserted in the source text by an author, scribe, or a previous annotator or corrector.

1. **<locus>**

= defines a location within a manuscript, manuscript part, or other object typically as a (possibly discontinuous) sequence of folio references. When a single page is being cited, use the from and to attributes with an identical value. When no clear endpoint is provided, the from attribute may be used without to.

@from

@to

1. **<date>**

= contains a date in any format.

@when (yyyy-mm-dd)

@notBefore & @notAfter

1. **<persName>**

= (personal name) contains a proper noun or proper-noun phrase referring to a person, possibly including one or more of the person's forenames, surnames, honorifics, added names, etc.

1. **<orgName>**

= (organization name) contains an organizational name.

1. **<placeName>**

= contains an absolute or relative place name.

**Rem.** If <locus> or another tag is used in a full sentence you have to treat the begintag, content, and endtag as a whole phrase after which you use the necessary space or punctuation marks. As a convention a colon is used when a <quote> follows <locus>.

## Character references

= reserved characters in HTML must be replaced with character entities

|  |  |
| --- | --- |
| Character | Entity reference |
| Ampersand | &amp; |
| Less than | &lt; |
| Greater than | &gt; |
| Double quotation mark | &quot; |
| Single quotation mark | &apos; |
| Roman numeral one | &#8544; |
| Roman numeral two | &#8545; |
| Roman numeral three | &#8546; |
| Roman numeral four | &#8547; |
| Roman numeral five | &#8548; |
| Dagger (†) | &#8224; |

More information <http://www.eki.ee/letter/>

## Linking

URI

= uniform resource identifier is a string of characters which identifies an Internet Resource. The most common URI is the Uniform Resource Locator (URL) which identifies an Internet domain address. Another, not so common type of URI is the Uniform Resource Name (URN).

Two possible scenarios:

1. Source & target are located in the same document; <target> has identifier (= xml:id)

@target = “#(xml:id)”.

1. Source & target aren’t located in the same document; <target> might have identifier

@target/ref = “(absolute/relative URI reference & local/elsewhere)”.

# General Structure

<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:id="AL(number)" xml:lang="la">

<teiHeader>

<fileDesc>

<titleStmt xml:lang="en"/>  
 <publicationStmt xml:lang="en"/>  
 <sourceDesc/>

</fileDesc>  
<encodingDesc xml:lang="en"/>  
<revisionDesc xml:lang="en"/>

</teiHeader>

<facsimile/>

<text>

<body>

<listBibl>

<msDesc xml:id="(ALnumber)">

<msIdentifier xml:lang="nl"/>

<head/>

<msContents/>

<physDesc/>

<history/>

<additional/>

</msDesc>

</listBibl>

</body>

</text>

</TEI>

The [msDesc](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-msDesc.html" \o "(manuscript description) contains a description of a single identifiable manuscript or other text-bearing object such as early printed books.) element will normally appear within the [sourceDesc](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-sourceDesc.html" \o "(source description) describes the source(s) from which an electronic text was derived or generated, typically a bibliographic description in the case of a digitized text, or a phrase such as \"born digital\" for a text which has no previous existence.) element of the header of a TEI-conformant document. However, in cases where the document being encoded is essentially a collection of manuscript descriptions, the [msDesc](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-msDesc.html" \o "(manuscript description) contains a description of a single identifiable manuscript or other text-bearing object such as early printed books.) element may be used in the same way as the bibliographic elements ([bibl](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-bibl.html" \o "(bibliographic citation) contains a loosely-structured bibliographic citation of which the sub-components may or may not be explicitly tagged.), [biblFull](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-biblFull.html" \o "(fully-structured bibliographic citation) contains a fully-structured bibliographic citation, in which all components of the TEI file description are present.), and [biblStruct](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-biblStruct.html" \o "(structured bibliographic citation) contains a structured bibliographic citation, in which only bibliographic sub-elements appear and in a specified order.)) making up the TEI element class [model.biblLike](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-model.biblLike.html" \o "groups elements containing a bibliographic description.). These typically appear within the [listBibl](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-listBibl.html" \o "(citation list) contains a list of bibliographic citations of any kind.) element.

# Structure <teiHeader>

## Structure <fileDesc>

= contains a full bibliographic description of an electronic file.

* **<titleStmt>**
* **<publicationStmt>**
* **<sourceDesc>**

### <titleStmt>

= groups information about the title of a work and those responsible for its content.

* **<title>**
* **<author>**
* **<sponsor>**
* **<respStmt>**

= supplies a statement of responsibility for the intellectual content of a text, edition, recording, or series, where the specialized elements for authors, editors, etc. do not suffice or do not apply. May also be used to encode information about individuals or organizations which have played a role in the production or distribution of a bibliographic work.

* + **<resp>**
  + **<persName>**

@ref

* @xml:lang = “en”

#### Application (exhaustive)

<titleStmt xml:lang="en">  
 <title>A Digital Edition of Aristoteles Latinus Codices Pars Prior, (AL number)</title>  
 <author> G. Lacombe, A. Birkenmajer, M. Dulong, A. Franceschini </author>  
 <sponsor>KU Leuven, Institute of Philosophy</sponsor>  
 <respStmt>  
 <resp>Conversion to TEI P5 3.5.0 by</resp>  
 <persName ref="(contrin:CVDM)">(Courtney Van de Mosselaer)</name>  
 </respStmt>  
</titleStmt>

<titleStmt xml:lang="en">  
 <title>A Digital Edition of Aristoteles Latinus Codices Pars Posterior, (ALnumber)</title>  
 <author> G. Lacombe, A. Birkenmajer, M. Dulong, A. Franceschini, L. Minio- Paluello</author>  
 <sponsor>KU Leuven, Institute of Philosophy</sponsor>  
 <respStmt>  
 <resp>Conversion to TEI P5 3.5.0 by</resp>  
 <persName ref="(contrin:CVDM)">(Courtney Van de Mosselaer)</name>  
 </respStmt>  
</titleStmt>

<titleStmt xml:lang="en">  
 <title>A Digital Edition of Aristoteles Latinus Codices Supplementa Altera, (ALnumber)</title>  
 <author>L. Minio-Paluello</author>  
 <sponsor>KU Leuven, Institute of Philosophy</sponsor>  
 <respStmt>  
 <resp>Conversion to TEI P5 3.5.0 by</resp>  
 <persName ref="(contrin:CVDM)">(Courtney Van de Mosselaer)</name>  
 </respStmt>  
</titleStmt>

### <publicationStmt>

= groups information concerning the publication or distribution of an electronic or other text.

* **<publisher>**
* **<availability>**

= supplies information about the availability of a text, for example any restrictions on its use or distribution, its copyright status, any licence applying to it, etc.

* + **<licence>**
* @xml:lang = “en”

#### Application (exhaustive)

<publicationStmt xml:lang="en">  
 <publisher>Aristoteles Latinus</publisher>  
 <availability n="cc-by" status="restricted">  
 <licence target="https://creativecommons.org/licenses/by/4.0/legalcode"> Creative Commons Attribution 4.0 Unported (CC BY 4.0)</licence>  
 </availability>  
</publicationStmt>

### <sourceDesc>

= describes the source(s) from which an electronic text was derived or generated, typically a bibliographic description in the case of a digitized text, or a phrase such as "born digital" for a text which has no previous existence.

**<biblStruct>**

= contains a structured bibliographic citation, in which only bibliographic sub-elements appear and in a specified order.

* **<monogr>**

= contains bibliographic elements describing an item (e.g. a book or journal) published as an independent item (i.e. as a separate physical object).

* + **<author>** (multiple)
  + **<title>**

@level

* + **<respStmt>**
    1. **<resp>**
    2. **<orgName>/<persName>**
  + **<imprint>**
    1. **<publisher>**
    2. **<pubPlace>**
    3. **<date>**
  + **<extent>**

= describes the approximate size of a text stored on some carrier medium or of some other object, digital or non-digital, specified in any convenient units.

* + **<citedRange>**

= defines the range of cited content, often represented by pages or other units (portion of cited work).

* **<series>**

=contains information about the series in which a book or other bibliographic item has appeared.

* + **<title>**

@level

* + **<bibleScope>**

= defines the scope of a bibliographic reference, for example as a list of page numbers, or a named subdivision of a larger work (entire cited work).

#### Application (exhaustive)

<sourceDesc>  
 <biblStruct>  
 <monogr>  
 <author>Lacombe, G.</author>  
 <author>Birkenmajer, A.</author>  
 <author>Dulong, M.</author>  
 <author>Franceschini, E.</author>  
 <title level="m">Aristoteles Latinus Codices Pars Prior</title>  
 <respStmt>  
 <resp>Sponsor</resp>  
 <orgName>Union Académique Internationale</orgName>  
 </respStmt>  
 <imprint>  
 <publisher>La Libreria dello Stato</publisher>  
 <pubPlace>Roma</pubPlace>  
 <date when="1939">1939</date>  
 </imprint>  
 <extent>763 pp.</extent>  
 <citedRange unit="page">(pagenumber(s))</citedRange>  
 </monogr>  
 <series>  
 <title level="s">Aristoteles Latinus Codices</title>  
 <biblScope unit="part">Pars Prior</biblScope>  
 </series>  
 </biblStruct>  
</sourceDesc>

<sourceDesc>  
 <biblStruct>  
 <monogr>  
 <author>Lacombe, G.</author>  
 <author>Birkenmajer, A.</author>  
 <author>Dulong, M.</author>  
 <author>Franceschini, E.</author>  
 <author>Minio-Paluello, L.</author>  
 <title level="m">Aristoteles Latinus Codices Pars Posterior</title>  
 <respStmt>  
 <resp>Sponsor</resp>  
 <orgName>Union Académique Internationale</orgName>  
 </respStmt>  
 <imprint>  
 <publisher>University Press</publisher>  
 <pubPlace>Cambridge</pubPlace>  
 <date when="1955">1955</date>  
 </imprint>  
 <extent>619 pp.</extent>  
 <citedRange unit="page">(pagenumber(s))</citedRange>  
 </monogr>  
 <series>  
 <title level="s">Aristoteles Latinus Codices</title>  
 <biblScope unit="part">Pars Posterior</biblScope>  
 </series>  
 </biblStruct>  
</sourceDesc>

<sourceDesc>  
 <biblStruct>  
 <monogr>  
 <author>Minio-Paluello, L.</author>  
 <title level="m">Aristoteles Latinus Codices Supplementa Altera</title>  
 <respStmt>  
 <resp>Sponsor</resp>  
 <orgName>Union Académique Internationale</orgName>  
 </respStmt>  
 <imprint>  
 <publisher>Desclée de Brouwer</publisher>  
 <pubPlace>Brugge-Paris</pubPlace>  
 <date when="1961">1961</date>  
 </imprint>  
 <extent>229 pp.</extent>  
 <citedRange unit="page">(pagenumber(s))</citedRange>  
 </monogr>  
 <series>  
 <title level="s">Aristoteles Latinus Codices</title>  
 <biblScope unit="part">Supplementa Altera</biblScope>  
 </series>  
 </biblStruct>  
</sourceDesc>

**Rem.** The AL codices fall under the heading of “series”, whereby the different parts are not to be understood as separate volumes with their own titles.

## Structure <encodingDesc>

= documents the relationship between an electronic text and the source or sources from which it was derived.

**<listPrefixDef>**

= contains a list of definitions of prefixing schemes used in data.pointer values, showing how abbreviated URIs using each scheme may be expanded into full URIs.

* **<prefixDef>** (multiple)

= defines a prefixing scheme used in teidata.pointer values, showing how abbreviated URIs using the scheme may be expanded into full URIs.

* + **<p>**
* @xml:lang = “en”

**Rem.** Because of this element it is not necessary to give an absolute URI each time a @ref is used for a <persName>, <placeName> or <orgName>. Simply use the prefix as a way to reference to the correct file. Make sure that the .xml-file to which the @replacementPattern refers, is to be found on that exact location under that exact name. Furthermore, it is advisable to define each prefix twice, once locally and once on the (future) Website. The <p> then explicitly clarifies what the prefix is referring to.

**Rem.** Further expansion with an organisation list (prefix “orgin”) is a possibility to consider.

#### Application (exhaustive)

<encodingDesc xml:lang="en">  
 <listPrefixDef>  
 <prefixDef ident="persin" matchPattern="([a-z]+)"  
 replacementPattern="../index/persons.xml#$1">  
 <p>In the context of this project, private URIs with the prefix &quot;persin&quot; point to person elements in the project's persons.xml file.</p> </prefixDef> <prefixDef ident="placin" matchPattern="([a-z]+)"  
replacementPattern="../index/places.xml#$1"> <p>In the context of this project, private URIs with the prefix &quot;placin&quot; point to place elements in the project's places.xml file.</p> </prefixDef> <prefixDef ident="persin" matchPattern="([a-z]+)" replacementPattern="https://hiw.kuleuven.be/apps/CMS/dale\_test/indices/persons.html#$1"> <p>Private URIs with the prefix &quot;persin&quot; can be converted to point to a fragment on the Personsindex page of the project Website.</p> </prefixDef>   
 <prefixDef ident="placin" matchPattern="([a-z]+)" replacementPattern="https://hiw.kuleuven.be/apps/CMS/dale\_test/indices/places.html#$1">  
 <p>Private URIs with the prefix &quot;placin&quot; can be converted to point to a fragment on the Placesindex page of the project Website.</p> </prefixDef> <listPrefixDef>   
</encodingDesc>

## Structure <revisionDesc>

= summarizes the revision history for a file.

* **<change>**

= documents a change or set of changes made during the production of a source document, or during the revision of an electronic file.

* @xml:lang = “en”

**Rem.** Where the TEI header should be used to document the revision history of the whole electronic file to which it is prefixed, the [recordHist](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-recordHist.html" \o "(recorded history) provides information about the source and revision status of the parent manuscript or object description itself.) element may be used to document changes at a lower level, relating to the individual description.[[2]](#footnote-2)

#### Application (non-exhaustive)

<revisionDesc xml:lang=="en">

<change when="2020-11-22" who="contrin:CVDM" >

Record created on 22 Nov 2020 by Courtney Van de Mosselaer.  
</change>

<change when="2020-11-22">

Record revised on 23 Nov 2020 by Courtney Van de Mosselaer.  
</change>

<change when="2020-11-25" who="contrin:CVDM">

Record published on 25 Nov 2020 by Courtney Van de Mosselaer.

</change>

</revisionDesc>

# Structure <facsimile>

= contains a representation of some written source in the form of a set of images rather than as transcribed or encoded text.

* **<graphic>**

= indicates the location of a graphic or illustration, either forming part of a text, or providing an image of it.

@url

= IIIF manifest link

**Rem.** This will be further explored later on.

# Structure <text>

## <msDesc>

= (manuscript description) contains a description of a single identifiable manuscript or other text-bearing object such as early printed books.

@xml:id

= AL number

### <msIdentifier>

= contains the information required to identify the manuscript or similar object being described.

* **<country>**

= contains the name of a geo-political unit, such as a nation, country, colony, or commonwealth, larger than or administratively superior to a region and smaller than a bloc.

* **<settlement>**

= contains the name of a settlement such as a city, town, or village identified as a single geo-political or administrative unit.

* **<repository>**

= contains the name of an organization such as a university or library, with which a manuscript or other object is identified, generally its holding institution.

* **<idno>**

= supplies any form of identifier used to identify some object, such as a bibliographic item, a person, a title, an organization, etc. in a standardized way.

= shelfmark

* **<altIdentifier>**

= contains an alternative or former structured identifier used for a manuscript or other object, such as a former catalogue number.

@type

* + **<country>**
  + **<settlement>**
  + **<repository>**
  + **<idno>**

= previous shelfmark (olim)

#### Application (non-exhaustive)

<msIdentifier xml:lang="it">

<country>Italia</country>

<settlement>Milano</settlement>

<repository>Biblioteca Ambrosiana</repository>

<idno>L. 60 Sup.</idno>

<altIdentifier>

<country/>

<settlement/>

<repository/>

<idno/>  
</altIdentifier>

</msIdentifier>

<msIdentifier n="537" xml:lang="fr">

<country>France</country>

<settlement>Paris</settlement>

<repository>Bibliothèque Nationale de France</repository>

<idno>lat. 1954</idno>

<altIdentifier>

<country>France</country>

<settlement>Paris</settlement>

<repository>Bibliothèque Nationale de France</repository>

<idno>Regius 3784 olim Colbertinus 2933<sup>3</sup></idno>  
</altIdentifier>

</msIdentifier>

#### Fixed values

* @xml:lang
  + “cs” = Czech
  + “da” = Danish
  + “de” = German
  + “en” = English
  + “es” = Spanish
  + “fr” = French
  + “hr” = Croatian
  + “hu” = Hungarian
  + “it” = Italian
  + “nl” = Dutch
  + “pl” = Polish
  + “pt” = Portuguese
  + “ru” = Russian
  + “sv” = Swedish
* @type=“former”

#### Library overview

|  |  |  |
| --- | --- | --- |
| <country> | <settlement> | <repository> |
| België/Belgique/Belgien | Brugge | Openbare Bibliotheek |
| Bibliotheek van het Grootseminarie |
| Brussel/Bruxelles | Koninklijke Bibliotheek/Bibliothèque Royale Albert I |
| Gent | Universiteitsbibliotheek |
| Liège | Bibliothèque universitaire |
| Bibliothèque du Séminaire épiscopal |
| Mons | Bibliothèque universitaire |
| Canada | Montreal | McGill University, Bibliotheca Osleriana |
| Česko | Brno | Archiv města |
| Nehalozeves | Zamek. Roudnická Lobkowiczká knihovna |
| Nová Říše | Kanonie premonstrátů |
| Olomouc | Státní Vĕdecká Knihovna |
| Praha | Knihovna pražské metropolitní kapituly |
| Národní knihovna České republiky |
| Vyšší Brod | Cisterciácký klášter |
| Città del Vaticano | Città del Vaticano | Biblioteca apostolica Vaticana |
| Danmark | København | Det Kongelige Bibliotek |
| Deutschland | Augsburg | Staats- und Stadtbibliothek |
| Universitätsbibliothek, Oettingen-Wallersteinsche Bibliothek |
| Bamberg | Staatsbibliothek |
| Berlin | Staatsbibliothek zu Berlin. Preussischer Kulturbesitz |
| Bernkastel-Kues | Bibliothek des St. Nikolaus-Hospitals |
| Bonn | Universitätsbibliothek |
| Darmstadt | Hessische Landes- und Hochschulbibliothek |
| Dresden | Sächsische Landesbibliothek |
| Eichstätt-Ingolstadt | Universitätsbibliothek |
| Erfurt | Universitätsbibliothek |
| Erlangen-Nürnberg | Universitätsbibliothek |
| Frankfurt | Universitätsbibliothek |
| Fulda | Hochschul- und Landesbibliothek |
| Giessen | Universitätsbibliothek |
| Gotha | Forschungs- und Landesbibliothek |
| Göttingen | Niedersächsische Staats- und Universitätsbibliothek |
| Greifswald | Geistliches Ministerium |
| Halberstadt | (Domgymnasiumbibliothek) |
| Halle | Universitäts- und Landesbibliothek Sachsen-Anhalt |
| Hildesheim | Dombibliothek |
| Jena | Thüringer Universitäts- und Landesbibliothek |
| Karlsruhe | Badische Landesbibliothek |
| Kassel | Universitätsbibliothek - Landesbibliothek und Murhardsche Bibliothek |
| Kiel | Universitätsbibliothek |
| Köln | Historisches Archiv |
| Konstanz | Stadtarchiv |
| Leipzig | Universitätsbibliothek |
| Lübeck | Bibliothek der Hansestadt |
| Lüneburg | Ratsbücherei |
| Mainz | Wissenschaftliche Stadtbibliothek |
| Marburg | Universitätsbibliothek |
| München | Bayerische Staatsbibliothek |
| Universitätsbibliothek |
| Nürnberg | Stadtbibliothek |
| Pommersfelden | Gräflich Schönbornsche Schloßbibliothek |
| Regensburg | Bischöflichen Zentralbibliothek, Bibliothek des Kollegiatstifts Unserer Lieben Frau zur Alten Kapelle |
| Stuttgart | Württembergische Landesbibliothek |
| Trier | Stadtbibliothek |
| Bibliothek des bischöflichen Priesterseminars |
| Bistumsarchiv |
| Tübingen | Universitätsbibliothek |
| Weimar | Herzogin Anna Amalia Bibliothek |
| Wolfenbüttel | Herzog August Bibliothek |
| Würzburg | Universitätsbibliothek |
| España | Barcelona | Archivo de la Corona de Aragón |
| Biblioteca de la Universidad |
| Burgo de Osma | Archivo Capitular |
| Córdoba | Archivo de la Catedral |
| El Escorial | Biblioteca del Real Monasterio de San Lorenzo |
| Girona | Biblioteca del Archivo Capitular |
| Madrid | Biblioteca nacional de España |
| Real Biblioteca |
| Pamplona | Biblioteca Capitular |
| Salamanca | Biblioteca de la Universidad |
| Segovia | Archivo Capitular |
| Sevilla | Biblioteca Colombina |
| Biblioteca de la Universidad |
| Tarragona | Biblioteca Pública del Estado |
| Toledo | Archivo y Biblioteca Capitular |
| Biblioteca de Castilla-La Mancha |
| Tortosa | Archivo Capitular |
| Valencia | Archivo Biblioteca Catedralicio |
| Zaragoza | Biblioteca del Cabildo metropolitano La Seo |
| France | Amiens | Bibliothèque municipale |
| Angers | Bibliothèque municipale |
| Arras | Médiathèque de l'Abbaye Saint-Vaast |
| Avignon | Bibliothèque municipale |
| Avranches | Bibliothèque municipale |
| Auch | Bibliothèque municipale |
| Autun | Bibliothèque municipale |
| Bordeaux | Bibliothèque municipale |
| Boulogne-sur-mer | Bibliothèque municipale |
| Cambrai | Bibliothèque municipale |
| Chambéry | Bibliothèque municipale |
| Chantilly | Bibliothèque du musée Condé |
| Charleville-Mézières | Bibliothèque municipale |
| Chartres | Bibliothèque municipale |
| Clermont-Ferrand | Bibliothèque municipale |
| Douai | Bibliothèque municipale |
| Épinal | Bibliothèque municipale |
| Évreux | Bibliothèque municipale |
| Grenoble | Bibliothèque municipale |
| Laon | Bibliothèque municipale |
| Lyon | Bibliothèque municipale |
| Metz | Bibliothèque municipale |
| Montpellier | Bibliothèque interuniversitaire. Section médecine |
| Orléans | Bibliothèque municipale |
| Paris | Archives nationales |
| Bibliothèque de l'Arsenal |
| Institut Catholique |
| Bibliothèque Mazarine |
| Bibliothèque nationale |
| Bibliothèque Sainte-Geneviève |
| Bibliothèque interuniversitaire de la Sorbonne |
| Reims | Bibliothèque municipale Carnegie |
| Rennes | Bibliothèque municipale |
| Rodez | Bibliothèque municipale |
| Rouen | Bibliothèque municipale |
| Saint-Claude | Bibliothèque municipale |
| Saint-Mihiel | Bibliothèque municipale |
| Saint-Omer | Bibliothèque d'Agglomération du Pays de Saint-Omer |
| Strasbourg | Bibliothèque nationale et universitaire |
| Toulouse | Bibliothèque municipale |
| Tours | Bibliothèque municipale |
| Troyes | Bibliothèque municipale |
| Vendôme | Bibliothèque municipale |
| Hrvatska | Dubrovnik | Knjižnica Dominikanskog Samostana |
| Zagreb | Hrvatski Državni Arhiv, Knjižnica Metropolitana |
| Italia | Aosta | Biblioteca Diocesana |
| Arezzo | Biblioteca Città di Arezzo |
| Assisi | Biblioteca del Sacro Convento, Fondo Antico della Biblioteca Comunale |
| Atri | Archivio capitolare |
| Belluno | Biblioteca capitolare Lolliniana |
| Bergamo | Biblioteca civica Angelo Mai |
| Bologna | Biblioteca universitaria |
| Reale Collegio di Spagna |
| Biblioteca comunale dell'Archiginnasio |
| Brescia | Biblioteca civica Queriniana |
| Busto Arsizio | Biblioteca capitolare San Giovanni |
| Cava dei Tirreni | Biblioteca statale del Monumento nazionale della Abbazia Benedettina della Ss. Trinità |
| Cesena | Biblioteca Malatestiana |
| Cremona | Biblioteca statale |
| Fabriano | Biblioteca multimediale R. Sassi |
| Monastero San Silvestro Abate |
| Firenze | Biblioteca Medicea Laurenziana |
| Biblioteca Marucelliana |
| Biblioteca nazionale centrale di Firenze |
| Biblioteca Riccardiana |
| Foligno | Biblioteca Lodovico Jacobilli del Seminario Vescovile |
| Genova | Biblioteca civica Berio |
| Biblioteca Franzoniana |
| Lucca | Biblioteca statale |
| Macerata | Biblioteca comunale Mozzi-Borgetti |
| Mantova | Biblioteca comunale Teresiana |
| Milano | Biblioteca Ambrosiana |
| Biblioteca Trivulziana |
| Biblioteca nazionale Braidense |
| Modena | Biblioteca Estense universitaria |
| Montecassino | Biblioteca del Monumento Nazionale di Montecassino |
| Monteprandone | Biblioteca San Giacomo della Marca |
| Napoli | Biblioteca nazionale Vittorio Emanuele III |
| Neustift (Novacella) | Augustiner-Chorherrenstift |
| Orvieto | Biblioteca pubblica Luigi Fumi |
| Osimo | Biblioteca storica dell’Istituto Campana |
| Padova | Pontificia biblioteca Antoniana |
| Padova | Biblioteca universitaria |
| Padova | Biblioteca capitolare |
| Padova | Biblioteca civica |
| Palermo | Biblioteca centrale della Regione siciliana Alberto Bombace |
| Parma | Biblioteca Palatina |
| Pavia | Biblioteca universitaria |
| Perugia | Biblioteca comunale Augusta |
| Pesaro | Biblioteca Oliveriana |
| Pisa | Biblioteca Cathariniana |
| Poppi | Biblioteca comunale Rilliana |
| Ravenna | Biblioteca Classense |
| Roma | Biblioteca Universitaria Alessandrina |
| Biblioteca Angelica |
| Biblioteca Casanatense |
| Biblioteca del convento domenicano della Minerva |
| Biblioteca nazionale centrale Vittorio Emanuele II |
| S. Candido (Innichen) | Biblioteca della Collegiata |
| San Daniele del Friuli | Civica biblioteca Guarneriana |
| San Gimignano | Biblioteca comunale |
| Siena | Biblioteca comunale degli Intronati |
| Subiaco | Biblioteca statale del Monumento nazionale di S. Scolastica |
| Todi | Biblioteca comunale Lorenzo Leoni |
| Torino | Biblioteca nazionale universitaria |
| Biblioteca reale |
| Trento | Biblioteca comunale |
| Treviso | Biblioteca comunale |
| Trieste | Biblioteca civica Attilio Hortis |
| Venezia | Biblioteca del Museo Correr |
| Biblioteca nazionale Marciana |
| Vercelli | Biblioteca e Archivio capitolare |
| Verona | Biblioteca capitolare |
| Volterra | Biblioteca Guarnacci |
| Magyarország | Budapest | Eötvös Loránd Tudomány Egyetem Könyvtára |
| Országos Széchényi Könyvtár |
| Kalocsa | Főszékesegyházi könyvtár |
| Nederland | Cuijk | Kruisherenklooster Sint-Agatha |
| Leiden | Universiteitsbibliotheek |
| Utrecht | Universiteitsbibliotheek |
| New Zealand | Auckland | Central City Library |
| Österreich | Admont | Benediktinerstift |
| Graz | Universitätsbibliothek |
| Heiligenkreuz | Zisterzienserstift |
| Innsbruck | Stiftsarchiv Wilten |
| Universitäts- und Landesbibliothek Tirol |
| Klosterneuburg | Augustiner-Chorherrenstift |
| Kremsmünster | Benediktinerstift |
| Lambach | Benediktinerstift |
| Lilienfeld | Zisterzienserstift |
| Melk | Benediktinerstift |
| Sankt-Florian | Augustiner-Chorherrenstift |
| Sankt-Paul im Lavanttal | Benediktinerstift |
| Schlägl | Prämonstratenser Chorherrenstift |
| Seitenstetten | Benediktinerstift |
| Wien | Dominikanerkonvent |
| Österreichische Nationalbibliothek |
| Zwettl | Zisterzienserstift |
| Polska | Gdańsk | Polska Akademia Nauk Biblioteka |
| Kraków | Biblioteka Jagiellońska |
| Biblioteka Czartoryskich |
| Mogiła | Biblioteka klasztoru Cystersów |
| Warszawa | Biblioteka narodowa |
| Biblioteka Uniwersytecka |
| Wrocław | Biblioteka Zakładu Narodowego im. Ossolińskich |
| Biblioteka Uniwersytecka |
| Portugal | Lisboa | Biblioteca nacional |
| Rossijskaja Federacija | Sankt-Peterburg | Rossijskaja Nacionalnaja biblioteka |
| Schweiz/Suisse | Basel | Universitätsbibliothek |
| Bern | Burgerbibliothek |
| Cologny | Fondation Martin Bodmer |
| Einsiedeln | Stiftsbibliothek |
| Genève | Bibliothèque de Genève |
| Sankt Gallen | Stiftsbibliothek |
| Schlatt | Eisenbibliothek |
| Zürich | Zentralbibliothek |
| Sverige | Göteborg | Universitetsbiblioteket |
| Stockholm | Kungliga biblioteket |
| Uppsala | Universitetsbiblioteket |
| United Kingdom | Aberdeen | University Library, Special Collections Centre, The Sir Duncan Rice Library |
| Birmingham | University Library, Cadbury Research Library, Library of St Mary's Church, Warwick |
| Cambridge | Pembroke College |
| Corpus Christi College, Parker Library |
| Gonville & Caius College |
| St. John's College |
| Sidney Sussex College |
| Trinity College |
| Peterhouse College |
| Fitzwilliam Museum |
| University Library |
| Clare College |
| Canterbury | Cathedral and Chapter Library |
| Durham | Cathedral Library |
| Edinburgh | National Library of Scotland |
| Eton | College Library |
| Glasgow | University Library |
| Hereford | Cathedral Library |
| Kettering | Brudenell Tresham Library |
| Leeds | University Library, Ripon Cathedral Archive |
| Lincoln | Cathedral Library |
| London | Gray's Inn Library |
| Lambeth Palace Library |
| British Library |
| Maldon | Thomas Plume's Library |
| Oxford | Bodleian Library |
| Balliol College |
| Corpus Christi College |
| Magdalen College |
| Merton College |
| New College |
| Oriel College |
| All Souls College, Codrington Library |
| Trinity College |
| Christ Church College |
| Brasenose College |
| Exeter College |
| Jesus College |
| Lincoln College |
| Pembroke College |
| The Queen's College |
| St John's College |
| Worcester College |
| Saint Andrews | University Library |
| Salisbury | Cathedral Library |
| Shrewsbury | Shrewsbury School Library |
| Ushaw | Ushaw College Library |
| Winchester | Winchester College Library |
| Worcester | Cathedral Library |
| York | Minster Library |
| United States of America | Ann Arbor | University of Michigan Library, Special Collections Research Center |
| Baltimore | Walters Art Museum |
| Bethesda | National Library of Medicine |
| Bloomington | Lilly Library at Indiana University |
| Cambridge | Harvard College Library, Houghton Library |
| Chicago | Newberry Library |
| University Library |
| New Haven | Yale University, Beinecke Rare Book & Manuscript Library |
| Yale University Medical Historical Library |
| New York | Columbia University, Rare Book and Manuscript Library |
| Philadelphia | Free Library, Rare Book Department |
| University of Pennsylvania Library, Rare Book and Manuscript Library |
| Princeton | Princeton University, Art Museum |
| San Marino | Huntington Library |
| Urbana | University of Illinois |
| Washington | The Folger Shakespeare Library |
| Collection O.H.F. Vollbehr |

### <head>

= contains any type of heading, for example the title of a section, or the heading of a list, glossary, manuscript description, etc.

#### Application (non-exhaustive?)

<title>Corpus Recentius</title>

<title>Corpus Vetustius</title>

<title>Corpus Mixtum</title>

<title>Tractatus Astrologici</title>

#### Title overview

**Corpus Mixtum e.a.**

|  |  |  |  |
| --- | --- | --- | --- |
| <title> | <author> | <resp> | <persName> |
| Analytica Posteriora | Aristoteles | Translator | Jacobus Veneticus |
| Analytica Priora | Aristoteles | Translator | Boethius |
| Categoriae (Predicamenta) | Aristoteles | Translator | Boethius |
| De Bona Fortuna | Aristoteles | Translator | Guillelmus de Morbeka |
| De Causis | Aristoteles\* | Translator | Gerardus Cremonensis |
| De Causis Proprietatum Elementorum (De Proprietatibus) | Aristoteles\* | Translator | Gerardus Cremonensis |
| De Coloribus | Aristoteles\* | Translator | Bartholomaeus de Messana |
| De Disciplina Scolarium | Boethius\*\* |  |  |
| De Divisione (  Liber Divisionum) | Boethius |  |  |
| De Interpretatione (Periermenias) | Aristoteles | Translator | Boethius |
| De Inundatione Nili (De Nilo) | Aristoteles | Translator | Guillelmus de Morbeka |
| De Laudabilibus Bonis  (De Virtutibus et Vitiis) | Aristoteles\* | Translator | Robertus Grosseteste |
| De Lineis Insecabilibus | Aristoteles\* | Translator | Robertus Grosseteste |
| De Motu Animalium | Aristoteles | Translator | Guillelmus de Morbeka |
| De Pomo | Aristoteles | Translator | Manfredus I |
| De Progressu Animalium | Aristoteles | Translator | Guillelmus de Morbeka |
| De Signis | Aristoteles\* | Translator | Bartholomaeus de Messana |
| De Sophisticis Elenchis (Elenchi) | Aristoteles | Translator | Boethius  (unless indicated otherwise) |
| De Topicis Differentiis (Topica Boethii) | Boethius |  |  |
| Ethica Eudemia | Aristoteles | Translator | Guillelmus de Morbeka |
| Ethica Nicomachea (Liber Ethicorum) | Aristoteles | Translator | Anonymus |
| Ethica Nicomachea Nova (liber I) | Aristoteles | Translator | Burgundius Pisanus |
| Ethica Nicomachea recensio pura | Aristoteles | Recensor | Robertus Grosseteste |
| Ethica Nicomachea recensio recognita | Aristoteles | Recensor | Guillelmus de Morbeka |
| Ethica Nicomachea Vetus (libri II-III) | Aristoteles | Translator | Burgundius Pisanus |
| Ethica Nicomachea (In Librum Ethicorum) | Aristoteles | Commentator  Commentator | Eustratius Nicaenus  Anonymus |
| Isagoge | Porphyrius | Translator | Boethius |
| Liber Sex Principiorum | Gilbertus Porretanus |  |  |
| Magna Moralia | Aristoteles\* | Translator | Bartholomaeus de Messana |
| Metaphysica (translatio nova libri XIV) | Aristoteles | Translator | Guillelmus de Morbeka |
| Physiognomonia | Aristoteles\* | Translator | Bartholomaeus de Messana |
| Politica | Aristoteles | Translator | Guillelmus de Morbeka |
| Politica | Aristoteles | Translator  Commentator | Guillelmus de Morbeka  Thomas Aquinas[[3]](#footnote-3) |
| Problemata (tr. vulgata) | Aristoteles\* | Translator | Bartholomaeus de Messana |
| Secretum Secretorum | Aristoteles\* | Translator | Philippus Tripolitanus |
| Summa in Ethicam | Robertus Grosseteste |  |  |
| Topica | Aristoteles | Translator | Boethius |
| Topica | Cicero | Commentator | Boethius |
| Vita Aristotelis | Anonymus | Translator | Anonymus |

**Corpus Recentius**

|  |  |  |  |
| --- | --- | --- | --- |
| <title> | <author> | <resp> | <persName> |
| De Anima | Aristoteles | Translator | Guillelmus de Morbeka |
| De Bona Fortuna | Aristoteles | Translator | Guillelmus de Morbeka |
| De Causis | Aristoteles\* | Translator | Gerardus Cremonensis |
| De Causis Proprietatum Elementorum (De Proprietatibus) | Aristoteles\* | Translator | Gerardus Cremonensis |
| De Caelo | Aristoteles | Translator | Guillelmus de Morbeka |
| De Coloribus | Aristoteles\* | Translator | Bartholomaeus de Messana |
| De Differentia Spiritus et Anime (tr. Hispalensis) | Costa Ben Luca | Translator | Johannes Hispalensis |
| De Generatione | Aristoteles | Translator | Guillelmus de Morbeka |
| De Intelligentia | Aristoteles | Translator | Guillelmus de Morbeka |
| De Inundatione Nili | Aristoteles | Translator | Guillelmus de Morbeka |
| De Iuventute, De Respiratione, De Morte | Aristoteles | Translator | Guillelmus de Morbeka |
| De Lineis Insecabilibus | Aristoteles\* | Translator | Robertus Grosseteste |
| De Longitudine | Aristoteles | Translator | Guillelmus de Morbeka |
| De Memoria | Aristoteles | Translator | Guillelmus de Morbeka |
| De Motu Animalium | Aristoteles | Translator | Guillelmus de Morbeka |
| De Mundo | Aristoteles\* | Translator | Bartholomaeus de Messana |
| De Mundo tr. Nicolai | Aristoteles | Translator | Nicolaus Siculus |
| De Plantis | Aristoteles | Translator | Alfredus Anglicus |
| De Pomo | Aristoteles | Translator | Manfredus I |
| De Sensu et Sensato | Aristoteles | Translator | Guillelmus de Morbeka |
| De Sompno | Aristoteles | Translator | Guillelmus de Morbeka |
| Economica | Aristoteles | Translator  Recensor | Durandus de Alvernia  Durandus de Alvernia |
| Epistula ad Alexandrum | Aristoteles\* | Translator | Guillelmus de Morbeka |
| Metaphysica (translatio nova libri XIV) | Aristoteles | Translator | Guillelmus de Morbeka |
| Metaphysica Nova | Aristoteles | Translator | Michael Scotus |
| Meteorologica  (Metheora) | Aristoteles | Translator | Guillelmus de Morbeka |
| Physica | Aristoteles | Translator Recensor | Jacobus Veneticus Guillelmus de Morbeka |
| Physiognomonia | Aristoteles\* | Translator | Bartholomaeus de Messana |
| Rhetorica | Aristoteles | Translator | Guillelmus de Morbeka |
| Vita Aristotelis | Anonymus | Translator | Anonymus |
| (other) | Aristoteles | Translator | Guillelmus de Morbeka |

**Corpus Vetustius**

|  |  |  |  |
| --- | --- | --- | --- |
| <title> | <author> | <resp> | <persName> |
| De Anima | Aristoteles | Translator | Jacobus Veneticus |
| De Causis | Aristoteles\* | Translator | Gerardus Cremonensis |
| De Caelo | Aristoteles | Translator | Gerardus Cremonensis |
| De Generatione | Aristoteles | Translator | Burgundius Pisanus |
| De Intelligentia | Aristoteles | Translator | Jacobus Veneticus |
| De Iuventute, De Respiratione, De Morte | Aristoteles | Translator | Jacobus Veneticus |
| De Longitudine | Aristoteles | Translator | Jacobus Veneticus |
| De Memoria | Aristoteles | Translator | Jacobus Veneticus |
| De Plantis | Aristoteles | Translator | Alfredus Anglicus |
| De Pomo | Aristoteles | Translator | Manfredus I |
| De Sensu et Sensato | Aristoteles | Translator | Anonymus |
| De Sompno | Aristoteles | Translator | Anonymus |
| Economica | Aristoteles | Translator | Anonymus |
| Metaphysica Vetustissima | Aristoteles | Translator | Jacobus Veneticus |
| Metaphysica Vetus | Aristoteles | Translator  Recensor | Jacobus Veneticus  Anonymus |
| Meteorologica  (Metheora) | Aristoteles | Translator  Translator  Translator | Alfredus Anglicus  Gerardus Cremonensis  Henricus Aristippus |
| Physica | Aristoteles | Translator | Jacobus Veneticus |
| Rhetorica | Aristoteles | Translator | Anonymus (waarschijnlijk Bartholomaeus de Messana) |

**Corpus Averroes**

|  |  |  |  |
| --- | --- | --- | --- |
| <title> | <author> | <resp> | <persName> |
| De Anima | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Caelo | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Partibus Animalium | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Generatione Animalium | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Generatione | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Longitudine | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Memoria | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Sensu et Sensato | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Sompno | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| De Substantia Orbis | Averroes | Translator | Michael Scotus |
| Metaphysica | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| Meteorologica | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| Physica | Aristoteles | Commentator  Translator | Averroes  Michael Scotus |
| Poetica | Aristoteles | Commentator  Translator | Averroes  Hermannus Alemannus |
| Rhetorica | Aristoteles | Commentator  Translator | Averroes  Hermannus Alemannus |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Corpus Avicenna**

|  |  |  |  |
| --- | --- | --- | --- |
| <title> | <author> | <resp> | <persName> |
| De Animalibus | Aristoteles | Commentator  Translator | Avicenna  Michael Scotus |
| De Mineralibus (De Congelatis/De Compositione Lapidum) | Avicenna | Translator | Alfredus Anglicus |
| Liber Sextus Naturalium | Avicenna | Translater | Anonymus |
| Metaphysica | Aristoteles | Commentator  Translator | Avicenna  Dominicus Gundissalinus |
| Physica | Aristoteles | Commentator  Translator | Avicenna  Anonymus |

|  |  |  |  |
| --- | --- | --- | --- |
| In Categorias | Simplicius | Translator | Guillelmus de Morbeka |
| In De Sensu | Alexander Aphrodisiensis | Translator | Guillelmus de Morbeka |

**Rem.** Pay attention to the spelling of *Physiognomonia.*

Keep the same hierarchy for the title combinations with *De Iuventute, De Respiratione* and *De Morte*, e.g. *De Iuventute, De Morte*.

\* Actually “Pseudo-Aristoteles” but irrelevant from the point of view of the medieval copyist.

\*\* Actually “Pseudo-Boethius” but irrelevant from the point of view of the medieval copyist.

### <msContents>

= describes the intellectual content of a manuscript, manuscript part, or other object either as a series of paragraphs or as a series of structured manuscript items.

#### <msItem>

= describes an individual work or item within the intellectual content of a manuscript, manuscript part, or other object.

* **<locus>**

= defines a location within a manuscript, manuscript part, or other object typically as a (possibly discontinuous) sequence of folio references.

@from

= specifies the starting point of the location in a normalized form, typically a page number.

@to   
= specifies the endpoint of the location in a normalized form, typically as a page number.

* **<title>**
* **<author>**

@ref

= provides an explicit means of locating a full definition or identity for the entity being named by means of one or more URIs.

* **<respStmt>**
  + - **<resp>**
  + **<persName>**

@ref

* **<incipit>**

= contains the *incipit* of a manuscript or similar object item, that is the opening words of the text proper, exclusive of any *rubric* which might precede it, of sufficient length to identify the work uniquely; such incipits were, in former times, frequently used a means of reference to a work, in place of a title.

= first sentence

* **<quote>**

= contains a phrase or passage attributed by the narrator or author to some agency external to the text.

= not incipit nor explicit

* **<explicit>**

= contains the *explicit* of a item, that is, the closing words of the text proper, exclusive of any rubric or colophon which might follow it.

= last sentence

* **<colophon>**

= contains the *colophon* of an item: that is, a statement providing information regarding the date, place, agency, or reason for production of the manuscript or other object.

* **<note>**

= contains a note or annotation.

@type

@n

= gives a number (or another label) for an element, which is not necessarily unique within the document.

= number that precedes each title in a manuscript description

**Rem.** <locus> must occur first and can possibly also be embedded in <incipit>, <quote>, <explicit>, <colophon> of <note>.

##### Application (non-exhaustive)

<msItem n="8">

<locus from="179r" to="206">ff. 179r-206</locus>

<title>De Sophisticis Elenchis</title>

<author ref="persin:aristoteles">Aristoteles</author>

<respStmt>

<resp>Translator</resp>  
<persName ref="persin:boethius">Boethius</persName>

</respStmt>   
<incipit>De sophisticis autem elencis</incipit>  
<quote/>  
<explicit/>  
<colophon/>   
<note type="desc"><locus from="207" to="208">ff. 207-208</locus>  
scriptura vacant.</note>

</msItem>

<msItem n="4">

<locus from="049r" to="067v">ff. 49r-67v</locus>  
<title>Categoriae</title>  
<author ref="persin:aristoteles">Aristoteles</author>  
<respStmt>

<resp>Translator</resp>  
<persName ref="persin:boethius">Boethius</persName>

</respStmt>

<respStmt>

<resp>Recensor</resp>  
<persName ref="persin:anonymus">Anonymus</persName>

</respStmt>

<incipit>Huius operis intentio est de prioris (sic) vocibus</incipit>

<quote/>  
<explicit/>  
<colophon/>  
<note type="person">Prologus Anonymi, valde simili prologo Commenti Boetii in Categorias.</note>  
<note type="desc">Textus concordat cum codice Veneto Sancti Marci Z. L. 497 (<date notBefore="1101" notAfter="1150">saec. XII in.</date>.</note>

</msItem>

<msItem n="1">

<locus from="0" to="0">s.f.</locus>

<title>Physica</title>  
<author ref="persin:aristoteles">Aristoteles</author>  
<respStmt>

<resp>Translator</resp>  
<persName ref="persin:jacobusveneticus">Jacobus Veneticus</persName>

</respStmt>

<incipit/>

<quote/>  
<explicit/>  
<colophon/>  
<note type="desc">Fragmentum.</note>

##### Fixed values

* **<resp>**Translator/Commentator/Recensor**</resp>**
* **<note** @type=“person/desc”**/>**

### <physDesc>

= contains a full physical description of a manuscript, manuscript part, or other object optionally subdivided using more specialized elements from the [model.physDescPart](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-model.physDescPart.html" \o "groups specialized elements forming part of the physical description of a manuscript or similar written source.) class.

Both specialized ([model.physDescPart](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-model.physDescPart.html" \o "groups specialized elements forming part of the physical description of a manuscript or similar written source.)) and generic ([model.pLike](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-model.pLike.html" \o "groups paragraph-like elements.)) elements may be combined in a single [physDesc](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-physDesc.html" \o "(physical description) contains a full physical description of a manuscript, manuscript part, or other object optionally subdivided using more specialized elements from the model.physDescPart class.). Note however that all generic elements given must precede the first specialized element in the description.

* **<p>**
* **<objectDesc>**
* **<handDesc>**
* **<decoDesc>**
* **<additions>**

#### <objectDesc>

= contains a description of the physical components making up the object which is being described.

* **<supportDesc>**

=groups elements describing the physical support for the written part of a manuscript or other object.

Each of these elements contains paragraphs relating to the topic concerned. Within these paragraphs, phrase-level elements, may be used to tag specific terms of interest if so desired.

@material

= a short project-defined name for the material composing the majority of the support.

* + **<support>**

= contains a description of the materials etc. which make up the physical support for the written part of a manuscript or other object.

* + - * **<p>**
        + **<material>** (multiple)

= contains a word or phrase describing the material of which the object being described is composed.

* + **<extent>**

= describes the approximate size of a text stored on some carrier medium or of some other object, digital or non-digital, specified in any convenient units.

= number of folio’s

* + - * **<locus>** (optional & multiple)

@from

@to

* + - * **<dimensions>** (multiple)

@unit

@type

@scope

* + - * + **<height>**
        + **<width>**
  + **<collation>**

= contains a description of how the leaves, bifolia, or similar objects are physically arranged.

* + - * **<locus>** (multiple)
  + **<condition>**

=contains a description of the physical condition of the manuscript or object.

* **<layoutDesc>**

= collects the set of layout descriptions applicable to a manuscript or other object. Alternatively, one or more different layouts may be identified within a single manuscript, each described by its own [layout](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-layout.html) element.

* + **<layout>** (multiple)

=describes how text is laid out on the page or surface of the object, including information about any ruling, pricking, or other evidence of page-preparation techniques.

@columns

= If a single number is given, all pages referenced have this number of columns. If two numbers are given, the number of columns per page varies between the values supplied. Where “columns” is omitted the number is assumed to be 1. Columns may be independent of page orientation or reading direction, and a single textual stream may have one or more columns.

= number of columns per page

@streams

= indicates the number of streams per page, each of which contains an independent textual stream (glosses, commentaries).

= If a single number is given, all pages referenced have this number of textual streams. If two numbers are given separated by whitespace, the number of textual streams per page varies between the values supplied.

= number of different texts per page

* + - * **<p>**

@form

= is used to indicate the specific type of writing vehicle being described (codex, roll, tablet, etc.). If used it must appear first in the sequence of specialized elements.

##### Application (non-exhaustive)

<objectDesc form="codex">

<supportDesc material="membran">

<support>

<p><material>membraneus</material></p>  
</support>  
<extent>ff. 71

<locus from="001" to="063">ff. 1-63</locus>  
<dimensions scope="range" unit="mm" type="leaf" >

<height>200</height>

<width>160</width>  
</dimensions>  
<locus from="064" to="071">ff. 64-71</locus>  
<dimensions scope="range" unit="mm" type="leaf">

<height>195</height>

<width>125</width>

</dimensions>

</extent>

<collation/>

<condition/>

</supportDesc>  
<layoutDesc>

<layout columns="1">

<p>longis lineis</p>  
</layout>

</layoutDesc>  
</objectDesc>

**Rem.** It is possible that there are different sizes within a codex, but only the Aristotle part is specified.

<extent>92 ff. variarum mensurarum; pars Aristotelica

<locus from="001r" to="069v">ff. 1r-69v</locus>

<dimensions unit="mm" type="leaf" scope="range">

<height>325</height>

<width>235</width>

</dimensions>

</extent>

**Rem.** If@columns=“1” then **<p>**longis lineis**</p>**.

If @columns=“2” then **<p>**binis columnis**</p>**.

If @columns=“1 2” then **<p>** must contain “longis lineis” and “binis columnis”.

##### Fixed values

* **<objectDesc** @form=“codex/fragment”**/>**
* **<supportDesc** @material=“chart/membr/mixed/unknown”**/>**
* **<material>**chartaceus et membraneus/chartaceus/membraneus/empty**</material>**
* **<dimensions** @unit=“mm” @type=“leaf”**/>**
* **<collation>**codex bipartitus/empty**</collation>**

**Rem.** Bill Duba (*Fragmentarium*) suggested a more complex differentiation for @form, which seemed a bit too complicated for the aim of this project. However, he is the go-to guy if questions arise in the future.

#### <handDesc>

= contains a description of all the different hands used in a manuscript or other object.

* **<p>**

##### Application (non-exhaustive)

<handDesc>

<p>Pars aristotelica manu currenti nitide exarata.</p>  
</handDesc>

<handDesc>

<p>Utraque pars manibus parvis meridionalibus exarata; <locus from="232" to="233">ff. 232-233</locus> annotationes gallica lingua manibus <date notBefore="1301" notAfter="1500">saec. XIV-XV</date> exaratae.</p>

</handDesc>

#### <decoDesc>

= contains a description of the decoration of a manuscript or other object, either as in paragraphs, or as one or more [decoNote](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-decoNote.html" \o "(note on decoration) contains a note describing either a decorative component of a manuscript or other object, or a fairly homogenous class of such components.) elements.

* **<decoNote>** (multiple)

= contains a note describing either a decorative component of a manuscript or other object, or a fairly homogenous class of such components.

@type

* + **<p>**

**Rem.** When you have to add different information, with or without reference, belonging to the same @type of <decoNote> you have to give each part of information its own <p> within the same <decoNote>. This is mostly for aesthetic reasons after the conversion of the XML-file to HTML.

##### Application (non-exhaustive)

<decoDesc>

<decoNote type="paratext">

<p><locus from="001" to="015">ff. 1-5<locus> tituli in summis paginis et tituli

capitulorum miniati.</p>

<p><locus from="015" to="125">ff. 15-125<locus> tituli in summis paginis fere

evanidi.</p>  
</decoNote>  
<decoNote type="initial">

<p>Spatia ad excipiendas litteras initiales adhuc vacant.</p>  
</decoNote>

</decoDesc>

<decoDesc>

<decoNote type="paratext">

<p>Tituli in summis paginis fere evanidi.</p>

<p>Numeri librorum in summis paginis rubri et caerulei.</p>  
</decoNote>

<decoNote type="initial">

<p>Prima littera initialis scolam depingit; aliae autem frondibus et  
avibus monstruosis ornatae sunt.</p>  
<p>Initia litteris uncialibus nigris minio illustratis.</p>  
</decoNote>

</decoDesc>

##### Fixed values

* @type
  + “diagram”
  + “initial”
  + “marginal”
  + “paratext”

= those things in a published work that accompany the text, things such as the author's name, the title, preface or introduction, or illustrations (Gérard Genette).

* + “other”

#### <additions>

= contains a description of any significant additions found within a manuscript or other object, such as marginalia or other annotations. Note that this element may not be repeated within a single manuscript description.

**Rem.** Prices (of purchase) should be put here and not in <history>.

##### Application (non-exhaustive)

<additions>

<p>Emendationes nullae; annotationes permultae.</p>

<p>Notae quae <persName ref="persin:averroes">Averrois</persName> et

aliam translationem proferunt ad Physicam, De Celo, De Generatione, Metheora, De

Plantis et De Anima.</p>

<p><locus from="232" to="233">ff. 232-233</locus> tabula librorum et

annotationes gallica lingua manibus <date notBefore="1301" notAfter="1500" >saec. XIV-XV</date> exaratae.</p>

<p><locus from="235r" to="235r">f. 235r</locus>: <quote>Amour de Beaulmont |

N'est que moquerie | Car le Frolimont | Ha la seignorie</quote> cf. provenance.</p>  
</additions>

<additions>

<p>Glossae emendationesque perpaucae.</p>  
</additions>

### <history>

= groups elements describing the full history of a manuscript, manuscript part, or other object.

The three components of the [history](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-history.html) element all have the same substructure, consisting of one or more paragraphs marked as [p](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-p.html) elements.

* **<origin>**

= contains any descriptive or other information concerning the origin of a manuscript, manuscript part, or other object.

= where it was created

* **<provenance>**

= contains any descriptive or other information concerning a single identifiable episode during the history of a manuscript, manuscript part, or other object after its creation but before its acquisition.

= where it has been

* **<acquisition>**

=contains any descriptive or other information concerning the process by which a manuscript or manuscript part or other object entered the holding institution.

= where it is now

**Rem.** Quotations with names (of previous owners) belong to <provenance>.

#### <origin>

= contains any descriptive or other information concerning the origin of a manuscript, manuscript part, or other object.

* **<p>**
  + **<origDate>**

@notBefore

@notAfter

* + **<origPlace>**

##### Application (non-exhaustive)

<origin>

<origDate notBefore="1251" notAfter="1300">saec. XIII ex. </origDate>

<origPlace/>

</origin>

<origin>

<origDate notBefore="1351" notAfter="1450">saec. XIV ex.-XV in.</origDate>  
<origPlace/>

</origin>

**Rem.** <origDate> always begins with “saec.”.

#### <provenance>

= contains any descriptive or other information concerning a single identifiable episode during the history of a manuscript, manuscript part, or other object after its creation but before its acquisition.

* **<p>**

##### Application (NON-EXHAUSTIVE)

<provenance>

<p><locus from="001r" to="001r">f. 1r</locus> annotatio <date notBefore="1401" notAfter="1500">saec. XV</date>: <quote>d. <persName ref="persin:johannesdepolinauola">Johannis de Polinauola (?)</persName>  
<persName ref="persin:franciscusturchetus">Franciscus Turchetus</persName> subscripsi <date when="--10-14">XIIII° oct. Prime Indic[tionis]</date>.</quote></p>

</provenance>

<provenance>

<p><locus from="232" to="233">ff. 232-233</locus>: <quote>Iste liber

est de conventu <placeName>Claromontensi</placeName>,

<orgName>ordinis Fratrum Predicatorum</orgName> in quo

continentur... </quote>  
<quote>Frater <persName ref="persin:jacobusganterii">Jacobus Ganterii</persName></quote>  
<quote>Fratrum <persName ref="persin:symondeacrifolio">Symon de  
Acrifolio</persName></quote></p>

</provenance>

#### <acquisition>

= contains any descriptive or other information concerning the process by which a manuscript or manuscript part or other object entered the holding institution.

* **<p>**

### <additional>

= groups additional information, combining bibliographic information about a manuscript or other object, or surrogate copies of it, with curatorial or administrative information.

#### <adminInfo>

= contains information about the present custody and availability of the manuscript or other object, and also about the record description itself.

* **<recordHist>**

= provides information about the source and revision status of the parent manuscript or object description itself.

* + **<change>**

= documents a change or set of changes made during the production of a source document, or during the revision of an electronic file.

@when

@who

* @xml:lang

**Rem.** Where the TEI header should be used to document the revision history of the whole electronic file to which it is prefixed, the [recordHist](https://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-recordHist.html" \o "(recorded history) provides information about the source and revision status of the parent manuscript or object description itself.) element may be used to document changes at a lower level, relating to the individual description.[[4]](#footnote-4)

##### Application (non-exhaustive)

<adminInfo xml:lang="en">

<recordHist>

<change when= "2020-11-22" who=“contrin:CVDM”>

Provenance added on 22 Nov 2020 by Courtney Van de Mosselaer.  
</change>

</recordHist>

</adminInfo>

<adminInfo xml:lang="en">

<recordHist>

<change when= "2021-07-28" who=“contrin:CVDM”>Title and author of manuscript item 2 changed on 28 July 2021 by Courtney Van de Mosselaer.

</change>

</recordHist>

</adminInfo>

#### <listBibl>

= contains a list of bibliographic citations of any kind.

**<biblStruct>**

* **<analytic>**

= contains bibliographic elements describing an item (e.g., an article or poem) published within a monograph or journal and not as an independent publication.

* + **<author>** (multiple)
  + **<title>**

@level=“a”

* + **<idno>**

@type=“DOI”

* + **<ref>**

@target

* **<monogr>**

= contains bibliographic elements describing an item (e.g. a book or journal) published as an independent item (i.e. as a separate physical object).

* + Book
    1. **<author>** (multiple)
    2. **<title>**

@level=“m”

* + 1. **<respStmt>**
       1. **<resp>**
       2. **<orgName>/<persName>**
    2. **<imprint>**
       1. **<publisher>**
       2. **<pubPlace>**
       3. **<date>**
    3. **<extent>**
    4. **<citedRange>**
  + Journal
    1. **<title>**

@level=“j”

* + 1. **<imprint>**
       1. **<date>**
    2. **<biblScope>** (multiple)

@unit= “volume/issue/page”

* **<series>**
  + **<title>**

@level=“s”

* + **<bibleScope>**

**<bibl>** (online catalogue)

* **<title>**
* **<ref>**

@type=“url”

##### Application (non-exhaustive)

<listBibl>

<bibl xml:lang="fr" xml:id="bibl1">

<title>Bibliothéque nationale de France, Archives et Manuscrits </title>

<ref type="url">[https://archivesetmanuscrits.bnf.fr/ark:/12148/cc77058s</ref](https://archivesetmanuscrits.bnf.fr/ark:/12148/cc77058s%3c/ref)>

</bibl>

<biblStruct xml:lang="fr" xml:id="bibl2">

<analytic>

<author>Jacqueline Hamesse</author>

<title level="a">Les manuscrits des «Parvi flores». Une nouvelle liste de témoins</title>

<idno type="DOI">10.3406/scrip.1994.1703</idno>

<ref target="www.persee.fr/doc/scrip\_0036-9772\_1994\_num\_48\_2\_1703">[www.persee.fr/doc/scrip\_0036-9772\_1994\_num\_48\_2\_1703](http://www.persee.fr/doc/scrip_0036-9772_1994_num_48_2_1703%3c/ref)</ref >

</analytic>   
<monogr>

<title level="j">Scriptorium</title>

<imprint>

<date when="1994">1994</date>  
</imprint>

<biblScope unit="volume">48</biblScope>  
<biblScope unit="issue">2</biblScope>  
<biblScope unit="page">299-332</biblScope>

<monogr>

</biblStruct>

</listBibl>

**Rem**. The @xml:id is only necessary when the information found in the bibliographical reference resulted in some form of adaptation of the manuscript description found in the *Aristoteles Latinus Codices*. The new or changed information can then be specified by adding an @source=“#(xml:id)” to the concerning element.

Relax NG met Schematron

This chapter covers the various adjustments that were made to the Oxygen TEI-enrich scheme (tei\_enrich\_rng) so that it would fit the needs of this project.

# Use

* Validation of TEI-XML with RELAX NG
* Defining constraints/conditional relationships with Schematron rules

**Rem.** “For each context node only the first matching rule within a pattern is tested.”

**Rem.** Schematron provides two varieties of assertions:

* + - assert statements which fail if the XPath test evaluates to false (or results that XPath treats as false, such as empty) generating an SVRL failed-assert element, and
    - report statements which successes if the XPath test evaluates to true, generating an SVRL successful-report element.[[5]](#footnote-5)

# Structure <TEI>

* @xml:lang = value
  + “la”
* @xml:id = choice of data
  + “(ALA(\d)?)|(ALA1(\d)?)|(ALA2(0|1|2|3|4|5|6)?)” = ALA + number between 1 & 26
  + “AL\d{1,4}(A|B)?” = LA + number with 1 to 4 digits + optional A/B

# Structure <teiHeader>

* <fileDesc>
* <encodingDesc>
* <revisionDesc>

## Structure <fileDesc>

### <titleStmt>

* @xml:lang = value
  + “en”
* <title> = choice of values
  + “A Digital Edition of Aristoteles Latinus Codices Pars Prior,”
  + “A Digital Edition of Aristoteles Latinus Codices Pars Posterior,”
  + “A Digital Edition of Aristoteles Latinus Codices Supplementa Altera,”
* <author> = choice of values + rule
  + “G. Lacombe, A. Birkenmajer, M. Dulong, E. Franceschini”
  + “G. Lacombe, A. Birkenmajer, M. Dulong, E. Franceschini, L. Minio-Paluello”
  + “L. Minio-Paluello”
* <sponsor> = value
  + “KU Leuven, Institute of Philosophy”
* <respStmt>
  + <resp> = value
    - “Conversion to TEI P5 3.5.0 by”
  + <persName> = choice of values
    - “Courtney Van de Mosselaer”
    - “Lisa Devriese”
    - “Ruul Hellemans”
    - @ref = choice of values
      * “contrin:CVDM”
      * “contrin:LD”
      * “contrin:ML”
      * “contrin:RH”
* Rules
  1. The titles don’t match with the correct authors.
     + “(contains(./tei:title,'A Digital Edition of Aristoteles Latinus Codices Pars Prior,') and tei:author='G. Lacombe, A. Birkenmajer, M. Dulong, A. Franceschini') or (contains(./tei:title,'A Digital Edition of Aristoteles Latinus Codices Pars Posterior,') and tei:author='G. Lacombe, A. Birkenmajer, M. Dulong, A. Franceschini, L. Minio-Paluello') or (contains(./tei:title,'A Digital Edition of Aristoteles Latinus Codices Supplementa Altera,') and tei:author='L. Minio-Paluello')"
  2. The number (without “AL”) in <title> doesn’t match the number in @xml:id for <TEI>.
     + “substring-after(., ', ')=substring-after(/tei:TEI/@xml:id,'AL')”

**Rem.** It was impossible to split the title in a text part consisting of a choice of values and a number part consisting of a choice of data. Using <list> it can be determined that the content is divided into separate parts, whereby the data pattern of each part can be defined. However, a mixed content model with both defined text (values) and data is not possible in combination with <list>. Therefore, the constraints are put in Schematron rules.

### <publicationStmt>

* @xml:lang = value
  + “en”
* <publisher> = value
  + “Aristoteles Latinus”
* <availability>
  + @n = value
    - “cc-by”
  + @status = value
    - “restricted”
  + <licence> = value
    - “Creative Commons Attribution 4.0 Unported (CC BY 4.0)”
    - @target = value
      * “https://creativecommons.org/licenses/by/4.0/legalcode”

### <sourceDesc>

<biblStruct>

* <monogr> = <author> + 3 groups
  + - <author> = choice of values
      * + “Lacombe, G.”
        + “Birkenmajer, A.”
        + “Dulong, M.”
        + “Franceschini, E.”
        + “Minio-Paluello, L.”

1. <title> = value
   * + - * “Aristoteles Latinus Codices Pars Prior”
         * @level = value

“m”

<respStmt>

* + - * + <resp> = value

“sponsor”

* + - * + <orgName> = value

“Union Académique Internationale”

<imprint>

* + - * + <publisher> = value

“La Libreria dello Stato”

* + - * + <pubPlace> = value

“Roma”

* + - * + <date> = value

“1939”

<extent> = value

* + - * + “763 pp.”

<citedRange> = choice of data

* + - * + “\d+”
        + “\d+\-\d+”
        + @unit = value

“page”

* + 1. <title> = value
       - * “Aristoteles Latinus Codices Pars Posterior”
         * @level = value

“m”

<respStmt>

* + - * + <resp> = value

“sponsor”

* + - * + <orgName> = value

“Union Académique Internationale”

<imprint>

* + - * + <publisher> = value

“University Press”

* + - * + <pubPlace> = value

“Cambridge”

* + - * + <date> = value

“1955”

<extent> = value

* + - * + “619 pp.”

<citedRange> = choice of data

* + - * + “\d+”
        + “\d+\-\d+”
        + @unit = value

“page”

* + 1. <title> = value
       - * “Aristoteles Latinus Codices Pars Prior”
         * @level = value

“m”

<respStmt>

* + - * + <resp> = value

“sponsor”

* + - * + <orgName> = value

“Union Académique Internationale”

<imprint>

* + - * + <publisher> = value

“Desclée de Brouwer”

* + - * + <pubPlace> = value

“Brugge-Paris”

* + - * + <date> = value

“1961”

<extent> = value

* + - * + “229 pp.”

<citedRange> = choice of data

* + - * + “\d+”
        + “\d+\-\d+”
        + @unit = value

“page”

* <series>
  + <title> = value
    - “Aristoteles Latinus Codices”
    - @level = value

“s”

* + <biblScope> = choice of values
    - * + “Pars Prior”
        + “Pars Posterior”
        + “Supplementa Altera”
        + @unit = value

“part”

* Rules
  + 1. Pars Prior has 4 authors, Pars Posterior has 5 authors and Supplementa Altera has 1 author
       - * “(tei:title='Aristoteles Latinus Codices Pars Prior' and count(tei:author)=4) or (tei:title='Aristoteles Latinus Codices Pars Posterior' and count(tei:author)=5) or (tei:title='Aristoteles Latinus Codices Supplementa Altera' and count(tei:author)=1)”
    2. The authors are ordered as followed: Lacombe, G., Birkenmajer, A., Dulong, M., Franceschini, E. (and Minio-Paluello, L.)
       - * "(count(tei:author)=4 and tei:author[1]='Lacombe, G.' and tei:author[2]='Birkenmajer, A.' and tei:author[3]='Dulong, M.' and tei:author[4]='Franceschini, E.') or (count(tei:author)=5 and tei:author[1]='Lacombe, G.' and tei:author[2]='Birkenmajer, A.' and tei:author[3]='Dulong, M.' and tei:author[4]='Franceschini, E.' and tei:author[5]='Minio-Paluello, L.') or (count(tei:author)=1 and tei:author[1]='Minio-Paluello, L.')”

**Rem.** To avoid mistakes in the data, the authors aren’t included in the groups of <monogr>. Otherwise only the first <author> of each group would be suggested and that would limit it to “Lacombe, G.” and “Minio-Paluello, L.”. The other three would have to be manually inputted each time.

## Structure <encodingDesc>

* @xml:lang = value
  + - “en”
* <listPrefixDefinition> = 6 groups
  + 1. <prefixDef>
       - * @ident = value

“persin”

* + - * + @matchPattern = value

“([a-z]+)”

* + - * + @replacementPattern = value

“../index/persons.xml#$1”

* + - * + <p> = value

“In the context of this project, private URIs with the prefix "persin" point to person elements in the project's persons.xml file.”

* + 1. <prefixDef>
       - * @ident = value

“placin”

* + - * + @matchPattern = value

“([a-z]+)”

* + - * + @replacementPattern = value

“../index/places.xml#$1”

* + - * + <p> = value

“In the context of this project, private URIs with the prefix "placin" point to place elements in the project's places.xml file.”

* + 1. <prefixDef>
       - * @ident = value

“contrin”

* + - * + @matchPattern = value

“([a-z]+)”

* + - * + @replacementPattern = value

“../index/contrin.xml#$1”

* + - * + <p> = value

“In the context of this project, private URIs with the prefix "contrin" point to person elements in the project's contributors.xml file.”

* + 1. <prefixDef>
       - * @ident = value

“persin”

* + - * + @matchPattern = value

“([a-z]+)”

* + - * + @replacementPattern = value

“https://hiw.kuleuven.be/apps/CMS/dale\_test/indices/persons.html#$1”

* + - * + <p> = value

“Private URIs with the prefix "persin" can be converted to point to a fragment on the Personsindex page of the project Website.”

* + 1. <prefixDef>
       - * @ident = value

“placin”

* + - * + @matchPattern = value

“([a-z]+)”

* + - * + @replacementPattern = value

“https://hiw.kuleuven.be/apps/CMS/dale\_test/indices/places.html#$1”

* + - * + <p> = value

“Private URIs with the prefix "placin" can be converted to point to a fragment on the Placesindex page of the project Website.”

* + 1. <prefixDef>
       - * @ident = value

“contrin”

* + - * + @matchPattern = value

“([a-z]+)”

* + - * + @replacementPattern = value

“https://hiw.kuleuven.be/apps/CMS/dale\_test/indices/contributors.html#$1”

* + - * + <p> = value

“Private URIs with the prefix "contrin" can be converted to point to a fragment on the contributors page of the project Website.”

**Rem.** Relax NG somewhat recognizes the order and uniqueness of the six <prefixDef> by automatically completing the attributes in the correct way. Furthermore, it shows the errors when this order or uniqueness is not respected. However, it does not automatically complete the elements in the correct way and does not even supply all the options. The latter can be fixed by placing the different values of <p> within a <choice>, but then a particular value of <p> no longer belongs with his corresponding attribute values and the errors disappear. This may not be a major issue since the whole <encodingDesc> can by default be placed in a blank template.

**Rem.** I have been doubting between the use of values or data. It is always the same value when completing the XML, so the uniqueness is guaranteed with the use of values. Technically it is a data pattern that for the interaction between XMLs has to be recognised and used, but that does not seem relevant to me for the completing process.

## Structure <revisionDesc>

* <change> (oneOrMore) = choice of values
  + “Record created on”
  + “Record revised on”
  + “Record published on”
  + <text/>
  + @when
  + @who = choice of values
    - * + “contrin:CVDM”
        + “contrin:LD”
        + “contrin:ML”
        + “contrin:RH”
* @xml:lang = value
  + “en”
* Rules
  + The @when and @who are required for <change>.
    - * + “@when and @who”

# Structure <facsimile>

* <graphic>

**Rem.** This will be further explored later on.

# Structure <text>

<msDesc>

* @xml:id = choice of data
* “(A(\d)?)|(A1(\d)?)|(A2(0|1|2|3|4|5|6)?)” = A + number between 1 & 26
* “\d{1,4}(A|B)?” = number with 1 to 4 digits + optional A/B
* Rule
  + 1. The number in @xml:id doesn't match the number in @xml:id for <TEI>
       - * “@xml:id=substring-after(/tei:TEI/@xml:id,'AL')”

## <msIdentifier>

* @xml:lang = choice of values
  + “cs” = Czech
  + “da” = Danish
  + “de” = German
  + “en” = English
  + “es” = Spanish
  + “fr” = French
  + “hr” = Croatian
  + “hu” = Hungarian
  + “it” = Italian
  + “nl” = Dutch
  + “pl” = Polish
  + “pt” = Portuguese
  + “ru” = Russian
  + “sv” = Swedish
* 21 groups of values
  + 1. <country> = value
       - * “België/Belgique/Belgien”

<settlement> = choice of values

* “Brugge”
* “Brussel/Bruxelles”
* “Gent”
* “Liège”
* “Mons”

<repository> = choice of values

* “Bibliotheek van het Grootseminarie”
* “Bibliothèque du Séminaire épiscopal”
* “Bibliothèque universitaire”
* “Koninklijke Bibliotheek/Bibliothèque Royale Albert I”
* “Openbare Bibliotheek”
* “Universiteitsbibliotheek”

<idno>

* + 1. <country> = value
       - * “Canada”

<settlement> = value

* + - * + “Montreal”

<repository> = value

* + - * + “McGill University, Bibliotheca Osleriana”

<idno>

* + 1. <country> = value
       - * “Česko”

<settlement> = choice of values

* “Brno”
* “Nehalozeves”
* “Nová Říše”
* “Olomouc”
* “Praha”
* “Vyšší Brod”

<repository> = choice of values

* “Archiv města”
* “Cisterciácký klášter”
* “Kanonie premonstrátů”
* “Knihovna pražské metropolitní kapituly”
* “Národní knihovna České republiky”
* “Státní Vĕdecká Knihovna”
* “Zamek. Roudnická Lobkowiczká knihovna”

<idno>

* + 1. <country> = value
       - * “Città del Vaticano”

<settlement> = value

* + - * + “Città del Vaticano”

<repository> = value

* + - * + “Biblioteca apostolica Vaticana”

<idno>

* + 1. <country> = value
       - * “Danmark”

<settlement> = value

* + - * + “København”

<repository> = value

* + - * + “Det Kongelige Bibliotek”

<idno>

* + 1. <country> = value
       - * “Deutschland”

<settlement> = choice of values

* + - * + “Augsburg”
        + “Bamberg”
        + “Berlin”
        + “Bernkastel-Kues”
        + “Bonn”
        + “Darmstadt”
        + “Dresden”
        + “Eichstätt-Ingolstadt”
        + “Erfurt”
        + “Erlangen-Nürnberg”
        + “Frankfurt”
        + “Fulda”
        + “Giessen”
        + “Gotha”
        + “Göttingen”
        + “Greifswald”
        + “Halberstadt”
        + “Halle”
        + “Hildesheim”
        + “Jena”
        + “Karlsruhe”
        + “Kassel”
        + “Kiel”
        + “Köln”
        + “Konstanz”
        + “Leipzig”
        + “Lübeck”
        + “Lüneburg”
        + “Mainz”
        + “Marburg”
        + “München”
        + “Nürnberg”
        + “Pommersfelden”
        + “Regensburg”
        + “Stuttgart”
        + “Trier”
        + “Tübingen”
        + “Weimar”
        + “Wolfenbüttel”
        + “Würzburg”

<repository> = choice of values

* + - * + “Badische Landesbibliothek”
        + “Bayerische Staatsbibliothek”
        + “Bibliothek der Hansestadt”
        + “Bibliothek des bischöflichen Priesterseminars”
        + “Bibliothek des St. Nikolaus-Hospitals”
        + “Bischöflichen Zentralbibliothek, Bibliothek des Kollegiatstifts Unserer Lieben Frau zur Alten Kapelle”
        + “Bistumsarchiv”
        + “Dombibliothek”
        + “(Domgymnasiumbibliothek)”
        + “Forschungs- und Landesbibliothek”
        + “Gräflich Schönbornsche Schloßbibliothek”
        + “Geistliches Ministerium”
        + “Herzog August Bibliothek”
        + “Herzogin Anna Amalia Bibliothek”
        + “Hessische Landes- und Hochschulbibliothek”
        + “Historisches Archiv”
        + “Hochschul- und Landesbibliothek”
        + “Niedersächsische Staats- und Universitätsbibliothek”
        + “Ratsbücherei”
        + “Sächsische Landesbibliothek”
        + “Staats- und Stadtbibliothek”
        + “Staatsbibliothek”
        + “Staatsbibliothek zu Berlin. Preussischer Kulturbesitz”
        + “Stadtarchiv”
        + “Stadtbibliothek”
        + “Thüringer Universitäts- und Landesbibliothek”
        + “Universitäts- und Landesbibliothek Sachsen-Anhalt”
        + “Universitätsbibliothek”
        + “Universitätsbibliothek - Landesbibliothek und Murhardsche Bibliothek”
        + “Universitätsbibliothek, Oettingen-Wallersteinsche Bibliothek”
        + “Wissenschaftliche Stadtbibliothek”
        + “Württembergische Landesbibliothek”

<idno>

* + 1. <country> = value
       - * “España”

<settlement> = choice of values

* + - * + “Barcelona”
        + “Burgo de Osma”
        + “Córdoba”
        + “El Escorial”
        + “Girona”
        + “Madrid”
        + “Pamplona”
        + “Salamanca”
        + “Segovia”
        + “Sevilla”
        + “Tarragona”
        + “Toledo”
        + “Tortosa”
        + “Valencia”
        + “Zaragoza”

<repository> = choice of values

* + - * + “Archivo Biblioteca Catedralicio”
        + “Archivo Capitular”
        + “Archivo de la Catedral”
        + “Archivo de la Corona de Aragón”
        + “Archivo y Biblioteca Capitular”
        + “Biblioteca Capitular”
        + “Biblioteca Colombina”
        + “Biblioteca de Castilla-La Mancha”
        + “Biblioteca de la Universidad”
        + “Biblioteca del Archivo Capitular”
        + “Biblioteca del Cabildo metropolitano La Seo”
        + “Biblioteca del Real Monasterio de San Lorenzo”
        + “Biblioteca nacional de España”
        + “Biblioteca Pública del Estado”
        + “Real Biblioteca”

<idno>

* + 1. <country> = value
       - * “France”

<settlement> = choice of values

* + - * + “Amiens”
        + “Angers”
        + “Arras”
        + “Avignon”
        + “Avranches”
        + “Auch”
        + “Autun”
        + “Bordeaux”
        + “Boulogne-sur-mer”
        + “Cambrai”
        + “Chambéry”
        + “Chantilly”
        + “Charleville-Mézières”
        + “Chartres”
        + “Clermont-Ferrand”
        + “Douai”
        + “Épinal”
        + “Évreux”
        + “Grenoble”
        + “Laon”
        + “Lyon”
        + “Metz”
        + “Montpellier”
        + “Orléans”
        + “Paris”
        + “Reims”
        + “Rennes”
        + “Rodez”
        + “Rouen”
        + “Saint-Claude”
        + “Saint-Mihiel”
        + “Saint-Omer”
        + “Strasbourg”
        + “Toulouse”
        + “Tours”
        + “Troyes”
        + “Vendôme”

<repository> = choice of values

* + - * + “Archives nationales”
        + “Bibliothèque d'Agglomération du Pays de Saint-Omer”
        + “Bibliothèque de l'Arsenal”
        + “Bibliothèque interuniversitaire de la Sorbonne”
        + “Bibliothèque du musée Condé”
        + “Bibliothèque interuniversitaire. Section médecine”
        + “Bibliothèque Mazarine”
        + “Bibliothèque municipale”
        + “Bibliothèque municipale Carnegie”
        + “Bibliothèque nationale”
        + “Bibliothèque nationale et universitaire”
        + “Bibliothèque Sainte-Geneviève”
        + “Institut Catholique”
        + “Médiathèque de l'Abbaye Saint-Vaast”

<idno>

* + 1. <country> = value
       - * “Hrvatska”

<settlement> = choice of values

* + - * + “Dubrovnik”
        + “Zagreb”

<repository> = choice of values

* + - * + “Hrvatski Državni Arhiv, Knjižnica Metropolitana”
        + “Knjižnica Dominikanskog Samostana”

<idno>

* + 1. <country> = value
       - * “Italia”

<settlement> = choice of values

* + - * + “Aosta”
        + “Arezzo”
        + “Assisi”
        + “Atri”
        + “Belluno”
        + “Bergamo”
        + “Bologna”
        + “Brescia”
        + “Busto Arsizio”
        + “Cava dei Tirreni”
        + “Cesena”
        + “Cremona”
        + “Fabriano”
        + “Firenze”
        + “Foligno”
        + “Genova”
        + “Lucca”
        + “Macerata”
        + “Mantova”
        + “Milano”
        + “Modena”
        + “Montecassino”
        + “Monteprandone”
        + “Napoli”
        + “Neustift (Novacella)”
        + “Orvieto”
        + “Osimo”
        + “Padova”
        + “Palermo”
        + “Parma”
        + “Pavia”
        + “Perugia”
        + “Pesaro”
        + “Pisa”
        + “Poppi”
        + “Ravenna”
        + “Roma”
        + “S. Candido (Innichen)”
        + “San Daniele del Friuli”
        + “San Gimignano”
        + “Siena”
        + “Subiaco”
        + “Todi”
        + “Torino”
        + “Trento”
        + “Treviso”
        + “Trieste”
        + “Venezia”
        + “Vercelli”
        + “Verona”
        + “Volterra”

<repository> = choice of values

* + - * + “Archivio capitolare”
        + “Augustiner-Chorherrenstift”
        + “Biblioteca Ambrosiana”
        + “Biblioteca Angelica”
        + “Biblioteca capitolare”
        + “Biblioteca capitolare Lolliniana”
        + “Biblioteca capitolare San Giovanni”
        + “Biblioteca Casanatense”
        + “Biblioteca Cathariniana”
        + “Biblioteca centrale della Regione siciliana Alberto Bombace”
        + “Biblioteca Città di Arezzo”
        + “Biblioteca civica”
        + “Biblioteca civica Angelo Mai”
        + “Biblioteca civica Attilio Hortis”
        + “Biblioteca civica Berio”
        + “Biblioteca civica Queriniana”
        + “Biblioteca Classense”
        + “Biblioteca comunale”
        + “Biblioteca comunale Augusta”
        + “Biblioteca comunale degli Intronati”
        + “Biblioteca comunale dell'Archiginnasio”
        + “Biblioteca comunale Lorenzo Leoni”
        + “Biblioteca comunale Mozzi-Borgetti”
        + “Biblioteca comunale Rilliana”
        + “Biblioteca comunale Teresiana”
        + “Biblioteca del convento domenicano della Minerva”
        + “Biblioteca del Monumento Nazionale di Montecassino”
        + “Biblioteca del Museo Correr”
        + “Biblioteca del Sacro Convento, Fondo Antico della Biblioteca Comunale”
        + “Biblioteca della Collegiata”
        + “Biblioteca Diocesana”
        + “Biblioteca e Archivio capitolare”
        + “Biblioteca Estense universitaria”
        + “Biblioteca Franzoniana”
        + “Biblioteca Guarnacci”
        + “Biblioteca Lodovico Jacobilli del Seminario Vescovile”
        + “Biblioteca Malatestiana”
        + “Biblioteca Marucelliana”
        + “Biblioteca Medicea Laurenziana”
        + “Biblioteca multimediale R. Sassi”
        + “Biblioteca nazionale Braidense”
        + “Biblioteca nazionale centrale di Firenze”
        + “Biblioteca nazionale centrale Vittorio Emanuele II “
        + “Biblioteca nazionale Marciana”
        + “Biblioteca nazionale Vittorio Emanuele III”
        + “Biblioteca nazionale universitaria”
        + “Biblioteca Oliveriana”
        + “Biblioteca Palatina”
        + “Biblioteca pubblica Luigi Fumi”
        + “Biblioteca reale”
        + “Biblioteca Riccardiana”
        + “Biblioteca San Giacomo della Marca”
        + “Biblioteca statale”
        + “Biblioteca statale del Monumento nazionale della Abbazia Benedettina della Ss. Trinità”
        + “Biblioteca statale del Monumento nazionale di S. Scolastica”
        + “Biblioteca storica dell’Istituto Campana”
        + “Biblioteca Trivulziana”
        + “Biblioteca universitaria”
        + “Biblioteca universitaria Alessandrina”
        + “Civica Biblioteca Guarneriana”
        + “Monastero San Silvestro Abate”
        + “Pontificia biblioteca Antoniana”
        + “Reale Collegio di Spagna”

<idno>

* + 1. <country> = value
       - * “Magyarország”

<settlement> = choice of values

* + - * + “Budapest”
        + “Kalocsa”

<repository> = choice of values

* + - * + “Eötvös Loránd Tudomány Egyetem Könyvtára”
        + “Főszékesegyházi könyvtár”
        + “Országos Széchényi Könyvtár”

<idno>

* + 1. <country> = value
       - * “Nederland”

<settlement> = choice of values

* + - * + “Cuijk”
        + “Leiden”
        + “Utrecht”

<repository> = choice of values

* + - * + “Kruisherenklooster Sint-Agatha”
        + “Universiteitsbibliotheek”

<idno>

* + 1. <country> = value
       - * “New Zealand”

<settlement> = value

* + - * + “Auckland”

<repository> = value

* + - * + “Central City Library”

<idno>

* + 1. <country> = value
       - * “Österreich”

<settlement> = choice of values

* + - * + “Admont”
        + “Graz”
        + “Heiligenkreuz”
        + “Innsbruck”
        + “Klosterneuburg”
        + “Kremsmünster”
        + “Lambach”
        + “Lilienfeld”
        + “Melk”
        + “Sankt-Florian”
        + “Sankt-Paul im Lavanttal”
        + “Schlägl”
        + “Seitenstetten”
        + “Wien”
        + “Zwettl”

<repository> = choice of values

* + - * + “Augustiner-Chorherrenstift”
        + “Benediktinerstift”
        + “Dominikanerkonvent”
        + “Österreichische Nationalbibliothek”
        + “Prämonstratenser Chorherrenstift”
        + “Stiftsarchiv Wilten”
        + “Universitätsbibliothek”
        + “Universitäts- und Landesbibliothek Tirol”
        + “Zisterzienserstift”

<idno>

* + 1. <country> = value
       - * “Polska”

<settlement> = choice of values

* + - * + “Gdańsk”
        + “Kraków”
        + “Mogiła”
        + “Warszawa”
        + “Wrocław”

<repository> = choice of values

* + - * + “Biblioteka Czartoryskich”
        + “Biblioteka Jagiellońska”
        + “Biblioteka klasztoru Cystersów”
        + “Biblioteka narodowa”
        + “Biblioteka Uniwersytecka”
        + “Biblioteka Zakładu Narodowego im. Ossolińskich”
        + “Polska Akademia Nauk Biblioteka”

<idno>

* + 1. <country> = value
       - * “Portugal”

<settlement> = value

* + - * + “Lisboa”

<repository> = value

* + - * + “Biblioteca nacional”

<idno>

* + 1. <country> = value
       - * “Rossijskaja Federacija”

<settlement> = value

* + - * + “Sankt-Peterburg”

<repository> = value

* + - * + “Rossijskaja Nacionalnaja biblioteka”

<idno>

* + 1. <country> = value
       - * “Schweiz/Suisse”

<settlement> = choice of values

* + - * + “Basel”
        + “Bern”
        + “Cologny”
        + “Einsiedeln”
        + “Genève”
        + “Sankt Gallen”
        + “Schlatt”
        + “Zürich”

<repository> = choice of values

* + - * + “Bibliothèque de Genève”
        + “Burgerbibliothek”
        + “Eisenbibliothek”
        + “Fondation Martin Bodmer”
        + “Stiftsbibliothek”
        + “Universitätsbibliothek”
        + “Zentralbibliothek”

<idno>

* + 1. <country> = value
       - * “Sverige”

<settlement> = choice of values

* + - * + “Göteborg”
        + “Stockholm”
        + “Uppsala”

<repository> = choice of values

* + - * + “Kungliga biblioteket”
        + “Universitetsbiblioteket”

<idno>

* + 1. <country> = value
       - * “United Kingdom”

<settlement> = choice of values

* + - * + “Aberdeen”
        + “Birmingham”
        + “Cambridge”
        + “Canterbury”
        + “Durham”
        + “Edinburgh”
        + “Eton”
        + “Glasgow”
        + “Hereford”
        + “Kettering”
        + “Leeds”
        + “Lincoln”
        + “London”
        + “Maldon”
        + “Oxford”
        + “Saint Andrews”
        + “Salisbury”
        + “Shrewsbury”
        + “Ushaw”
        + “Winchester”
        + “Worcester”
        + “York”

<repository> = choice of values

* + - * + “All Souls College, Codrington Library”
        + “Balliol College”
        + “Bodleian Library”
        + “Brasenose College”
        + “British Library”
        + “Brudenell Tresham Library”
        + “Cathedral Library”
        + “Cathedral and Chapter Library”
        + “Christ Church College”
        + “Clare College”
        + “College Library”
        + “Corpus Christi College”
        + “Corpus Christi College, Parker Library”
        + “Exeter College”
        + “Fitzwilliam Museum”
        + “Gonville & Caius College”
        + “Gray's Inn Library”
        + “Jesus College”
        + “Lambeth Palace Library”
        + “Lincoln College”
        + “Magdalen College”
        + “Merton College”
        + “Minster Library”
        + “National Library of Scotland”
        + “New College”
        + “Oriel College”
        + “Pembroke College”
        + “Peterhouse College”
        + “Shrewsbury School Library”
        + “Sidney Sussex College”
        + “St. John's College”
        + “The Queen's College”
        + “Thomas Plume's Library”
        + “Trinity College”
        + “University Library”
        + “University Library, Cadbury Research Library, Library of St Mary's Church, Warwick”
        + “University Library, Ripon Cathedral Archive”
        + “University Library, Special Collections Centre, The Sir Duncan Rice Library”
        + “Ushaw College Library”
        + “Winchester College Library”
        + “Worcester College”

<idno>

* + 1. <country> = value
       - * “United States of America”

<settlement> = choice of values

* + - * + “Ann Arbor”
        + “Baltimore”
        + “Bethesda”
        + “Bloomington”
        + “Cambridge”
        + “Chicago”
        + “New Haven”
        + “New York”
        + “Philadelphia”
        + “Princeton”
        + “San Marino”
        + “Urbana”
        + “Washington”

<repository> = choice of values

* + - * + “Collection O.H.F. Vollbehr”
        + “Columbia University, Rare Book and Manuscript Library”
        + “Free Library, Rare Book Department”
        + “Harvard College Library, Houghton Library”
        + “Huntington Library”
        + “Lilly Library at Indiana University”
        + “National Library of Medicine”
        + “Newberry Library”
        + “Princeton University, Art Museum”
        + “The Folger Shakespeare Library”
        + “University Library”
        + “University of Illinois”
        + “University of Michigan Library, Special Collections Research Center”
        + “University of Pennsylvania Library, Rare Book and Manuscript Library”
        + “Walters Art Museum”
        + “Yale University, Beinecke Rare Book & Manuscript Library”
        + “Yale University Medical Historical Library”

<idno>

* <altIdentifier>
  + <country>
  + <settlement>
  + <repository>
  + <idno>
  + @type = value
    - “former”
* Rules @context="tei:msIdentifier[@xml:lang='xy']"
  + 1. If @xml:lang is 'nl', <country> must be 'Nederland' or 'België/Belgique/Belgien'
       1. “./tei:country='Nederland' or ./tei:country='België/Belgique/Belgien'”
    2. If @xml:lang is 'fr', <country> must be 'France', 'België/Belgique/Belgien' or 'Schweiz/Suisse'
       1. "./tei:country='France' or ./tei:country='België/Belgique/Belgien' or ./tei:country='Schweiz/Suisse'"
    3. If @xml:lang is 'de', <country> must be 'Österreich', 'België/Belgique/Belgien', 'Schweiz/Suisse' or 'Deutschland'
       1. "./tei:country='Schweiz/Suisse' or ./tei:country='België/Belgique/Belgien' or ./tei:country='Österreich' or ./tei:country='Deutschland'"
    4. If @xml:lang is 'en', <country> must be 'United Kingdom', 'United States of America', 'Canada' or 'New Zealand'
       1. "./tei:country='United Kingdom' or ./tei:country='United States of America' or ./tei:country='Canada' or ./tei:country='New Zealand'"
    5. If @xml:lang is 'cs', <country > must be 'Česko'
       1. "./tei:country='Česko'"
    6. If @xml:lang is 'it', <country> must be 'Italia' or 'Città del Vaticano'
       1. "./tei:country='Italia' or ./tei:country='Città del Vaticano'"
    7. If @xml:lang is 'da', <country> must be 'Danmark'
       1. "./tei:country='Danmark'"
    8. If @xml:lang is 'es', <country> must be 'España'
       1. "./tei:country='España'"
    9. If @xml:lang is 'hr', <country> must be 'Hrvatska'
       1. "./tei:country='Hrvatska'"
    10. If @xml:lang is 'hu', <country> must be 'Magyarország'
        1. "./tei:country='Magyarország'"
    11. If @xml:lang is 'pl', <country> must be 'Polska'
        1. "./tei:country='Polska'"
    12. If @xml:lang is 'pt', <country> must be 'Portugal'
        1. "./tei:country='Portugal'"
    13. If @xml:lang is 'ru', <country> must be 'Rossijskaja Federacija'
        1. "./tei:country='Rossijskaja Federacija'"
    14. If @xml:lang is 'sv', <country> must be 'Sverige'
        1. "./tei:country='Sverige'"

**Rem.** Here again the same problem as with the different <prefixDef> in <encodingDesc>. Relax NG somewhat recognizes the relational bond between <country> and <settlement>/<repository> by showing errors when the relation is not respected. However, it does not automatically give the correct options when <country> is already specified. A difference with <prefixDef> in <encodingDesc> is that in this case all options are shown. Since and repetition of an element is not allowed at the same level, the whole is placed within a <choice>. It does not seem a practical solution to place <repository> on a lower level than <settlement> and the latter again on a lower level than <country>. In this manner the relation between the elements becomes explicit, but the resulting scheme is less clear in the editor, the code must be adapted for the transformation to the website (with TEIPublisher) and it is not conform the TEI-c guidelines.

**Rem.** It wasn’t an option to add the possible values for @xml:lang to each of the different groups of <country>, <settlement> and <repository>, because the value of @xml:id would determine the allowed value for <country> and not the other way around.

**Rem.** The language restrictions for each country (@xml:lang) are determined by the current list of libraries. If other libraries are added in the future the restrictions might need to change.

## <head>

<title> = choice of values

* “Corpus Mixtum”
* “Corpus Recentius”
* “Corpus Vetustius”
* “Tractatus Astrologici”
* <text/>
* <empty/>
* @type = value
  + “desc” = descriptive

## <msContents>

<msItem> (oneOrMore)

* <locus> = choice of data
  + “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + “s.f.”

= no folium number

* + “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + @from = choice of data
    - “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - “0”
    - “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + @to = choice of data
    - “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - “0”
    - “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* <title> = choice of values
  + “Analytica Priora”
  + “Analytica Posteriora”
  + “Categoriae”
  + “De Anima”
  + “De Animalibus”
  + “De Bona Fortuna”
  + “De Causis”
  + “De Causis Proprietatum Elementorum”
  + “De Caelo”
  + “De Coloribus”
  + “De Divisione”
  + “De Differentia Spiritus et Anime”
  + “De Disciplina Scolarium”
  + “De Generatione”
  + “De Generatione Animalium”
  + “De Intelligentia”
  + “De Interpretatione”
  + “De Inundatione Nili”
  + “De Iuventute”
  + “De Iuventute, De Respiratione”
  + “De Iuventute, De Morte”
  + “De Iuventute, De Respiratione, De Morte”
  + “De Lineis Insecabilibus”
  + “De Longitudine”
  + “De Memoria”
  + “De Morte”
  + “De Motu Animalium”
  + “De Mundo”
  + “De Partibus Animalium”
  + “De Plantis”
  + “De Pomo”
  + “De Progressu Animalium”
  + “De Respiratione”
  + “De Respiratione, De Morte”
  + “De Sensu et Sensato”
  + “De Signis”
  + “De Sompno”
  + “De Sophisticis Elenchis”
  + “De Substantia Orbis”
  + “De Topicis Differentiis”
  + “Economica”
  + “Epistula ad Alexandrum”
  + “Ethica Eudemia”
  + “Ethica Nicomachea”
  + “Ethica Nicomachea Nova”
  + “Ethica Nicomachea Vetus”
  + “Ethymologiae”
  + “Isagoge”
  + “Liber Sex Principiorum”
  + “Magna Moralia”
  + “Metaphysica Nova”
  + “Metaphysica Vetus”
  + “Metheora”
  + “Poetica”
  + “Philosophia Pauperum”
  + “Physica”
  + “Physiognomonia”
  + “Politica”
  + “Problemata”
  + “Rhetorica”
  + “Secretum Secretorum”
  + “Summa in Ethicam”
  + “Topica”
  + “Vita Aristotelis”
  + <text/>
  + @type = value
    - “sub” = subordinate
* <author> = choice of values
  + “Abraham Ibn Ezra”
  + “Aegidius Augustinensis”
  + “Aegidius Romanus”
  + “Albertus Magnus”
  + “Albumasar”
  + “Alcuinus”
  + “Alexander Aphrodisiensis”
  + “Alkindus”
  + “Alpharabius”
  + “Anonymus”
  + “Apuleius”
  + “Aristoteles”
  + “Augustinus”
  + “Averroes”
  + “Avicenna”
  + “Boethius”
  + “Ferrandus de Hispania”
  + “Franciscus de Marchia”
  + “Gilbertus Porretanus”
  + “Isidorus Hispalensis”
  + “Johannes Algrinus”
  + “Martianus Capella”
  + “Martinus Bracarensis”
  + “Nicolaus Damascenus”
  + “Petrus Comestor”
  + “Porphyrius”
  + “Robertus Grosseteste”
  + “Seneca”
  + “Sigerus de Brabantia”
  + “Sigerus de Cortraco”
  + “Simplicius”
  + “Thomas Aquinas”
  + @ref = data
    - “persin:[\p{Ll}]+” = reference starts with “persin:” and otherwise consists of only lowercase letters
* <respStmt> (oneOrMore)
  + <resp> = choice of values
    - “Commentator”
    - “Translator”
    - “Recensor”
    - <empty/>
  + <persName> = choice of values
    - “Adam de Bocfeld”
    - “Aegidius Romanus”
    - “Albertus Magnus”
    - “Alexander Aphrodisiensis”
    - “Alfredus Anglicus”
    - “Ammonius Hermiae”
    - “Anonymus”
    - “Averroes”
    - “Avicenna”
    - “Bartholomaeus de Messana”
    - “Boethius”
    - “Burgundius Pisanus”
    - “Dominicus Gundissalinus”
    - “Durandus de Alvernia”
    - “Eustratius Nicaenus”
    - “Gerardus Cremonensis”
    - “Guillelmus de Morbeka”
    - “Henricus Aristippus”
    - “Hermannus Alemannus”
    - “Jacobus Veneticus”
    - “Johannes Duns Scotus”
    - “Johannes Hispalensis”
    - “Manfredus I”
    - “Michael Scotus”
    - “Nicolaus Siculus”
    - “Philippus Tripolitanus"
    - “Robertus Grosseteste”
    - “Robertus Kilwardby”
    - “Simplicius”
    - “Themistius”
    - “Thomas Aquinas”
    - <text/>
    - <empty/>
    - @ref = choice of data
      * “persin:[\p{Ll}]+” = reference starts with “persin:” and otherwise consists of only lowercase letters
      * <empty/>
* <incipit>
* <quote> = interleave of elements
  + <locus> (zeroOrMore) = choice of data
    - “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - “s.f.”

= no folium number

* + - “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - @from = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - @to = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification <date> (zeroOrMore)

* + <persName> (zeroOrMore)
  + <placeName> (zeroOrMore)
  + <orgName> (zeroOrMore)
  + <text/>
* <explicit>
* <colophon>
  + <locus> (zeroOrMore) = choice of data
    - “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - “s.f.”

= no folium number

* + - “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - @from = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - @to = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + <date> (zeroOrMore)
  + <quote> (zeroOrMore)
  + <persName> (zeroOrMore)
  + <placeName> (zeroOrMore)
  + <orgName> (zeroOrMore)
  + <text/>
  + @type = choice of values
    - “desc” = description
    - “person”
    - </empty>
* <note> (oneOrMore)
  + <locus> (zeroOrMore) = choice of data
    - * + “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - * + “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - * + “s.f.”

= no folium number

* + - * + “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - * + “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - * + @from = choice of data

“\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

“0”

“\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - * + @to = choice of data

“\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

“0”

“\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + <date> (zeroOrMore)
  + <quote> (zeroOrMore)
  + <persName> (zeroOrMore)
  + <placeName> (zeroOrMore)
  + <orgName> (zeroOrMore)
  + <text/>
  + @type = choice of values
    - “desc” = description
    - “person”
    - </empty>
* @n = data
  + @type=“positiveInteger”
* Rules
  1. The first msItem is not numbered with the @n value of 1, it is numbered with <value-of select=“@n”/>.
     + “@n = 1”
  2. MsItems are not in the correct order, or not numbered correctly.
     + “@n - preceding-sibling::tei:msItem[1]/@n eq 1”
  3. The content of locus doesn’t match the value of its attributes.
     + Context: “tei:msItem//tei:locus[@from='0']”

Rule: “@to='0' and .='s.f.'”

* + - Context: “tei: msItem //tei:locus[@from=@to and starts-with(@from,‘00’)]”

Rule: “substring-after(.,‘f. ’)=substring-after(@from,‘00’)”

* + - Context: “tei: msItem //tei:locus[@from=@to and starts-with(@from,‘0’)]”

Rule: “substring-after(.,‘f. ’)=substring-after(@from,‘0’)”

* + - Context: “tei: msItem //tei:locus[@from=@to]”

Rule: “substring-after(.,‘f. ’)= @from”

* + - Context: tei: msItem //tei:locus[starts-with(@from,‘00’) and starts-with(@to,‘00’)]

Rule: "(substring-after(.,'-')=substring-after(@to,‘00’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + - Context: tei: msItem //tei:locus[starts-with(@from,‘00’) and starts-with(@to,‘0’)]

Rule: "(substring-after(.,'-')=substring-after(@to,‘0’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + - Context: tei: msItem //tei:locus[starts-with(@from,‘00’)]

Rule: “(substring-after(.,'-')=@to) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + - Context: “tei: msItem //tei:locus[starts-with(@from,‘0’) and starts-with(@to,‘0’)]

Rule: “(substring-after(.,'-')=substring-after(@to,‘0’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘0’))”

* + - Context: “tei: msItem //tei:locus[starts-with(@from,‘0’)]

Rule: “(substring-after(.,'-')=@to) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘0’))”

* + - Context: “tei: msItem //tei:locus[not(@from=@to)]”

Rule: “substring-after(.,'-')=@to and contains(.,@from)”

* 1. The value of @to should be greater than or equal to the value of @from.
     + “(@to=@from) or (@to>@from)”

**Rem.** The rule to check if the value of @to is greater than or equal to @from only works correctly if zeros are added to create a number with three digits for both attributes. Otherwise, the rule will only look at the first digit to make a conclusion about the validity and a combination like @from=“8” and @to=“12” will result in a validation error.

## <physDesc>

Rules

* The content of locus doesn’t match the value of its attributes.
  + Context: “tei:physDesc//tei:locus[@from='0']”

Rule: “@to='0' and .='s.f.'”

* + Context: “tei: physDesc//tei:locus[@from=@to and starts-with(@from,‘00’)]”

Rule: “substring-after(.,‘f. ’)=substring-after(@from,‘00’)”

* + Context: “tei:physDesc//tei:locus[@from=@to and starts-with(@from,‘0’)]”

Rule: “substring-after(.,‘f. ’)=substring-after(@from,‘0’)”

* + Context: “tei:physDesc//tei:locus[@from=@to]”

Rule: “substring-after(.,‘f. ’)= @from”

* + Context: “tei:physDesc//tei:locus[starts-with(@from,‘00’) and starts-with(@to,‘00’)]

Rule: "(substring-after(.,'-')=substring-after(@to,‘00’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + Context: “tei:physDesc//tei:locus[starts-with(@from,‘00’) and starts-with(@to,‘0’)]

Rule: "(substring-after(.,'-')=substring-after(@to,‘0’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + Context: “tei:physDesc//tei:locus[starts-with(@from,‘00’)]

Rule: “(substring-after(.,'-')=@to) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + Context: “tei:physDesc//tei:locus[starts-with(@from,‘0’) and starts-with(@to,‘0’)]

Rule: “(substring-after(.,'-')=substring-after(@to,‘0’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘0’))”

* + Context: “tei:physDesc//tei:locus[starts-with(@from,‘0’)]

Rule: “(substring-after(.,'-')=@to) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘0’))”

* + Context: “tei:physDesc//tei:locus[not(@from=@to)]”

Rule: “substring-after(.,'-')=@to and contains(.,@from)”

* The value of @to should be greater than or equal to the value of @from.
  + “(@to=@from) or (@to>@from)”

**Rem.** Cf. remarks <msItem>/<locus>

**Rem.** <macro.specialPara> had to be deleted within <support>, <collation>, <layout>, <handDesc>, <decoNote> and <additions>. Otherwise, the restrictions for <locus> would be applied only to the first <p>.

### <objectDesc>

* @form = choice of values
  + - “codex”
    - “fragment”
* <supportDesc>
  + - @material = choice of values
      * + “membr” = membraneus = parchment
        + “chart” = chartaceus = paper
        + “mixed”
        + “unknown”
    - <support>
      * + <p> (oneOrMore) = interleave of elements

<material> = choice of values (oneOrMore)

“membraneus”

“chartaceus”

“chartaceus et membraneus”

* + <locus> (zeroOrMore) = choice of data

“f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

“ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

“s.f.”

= no folium number

“f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

“ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

@from = choice of data

* “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* “0”
* “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

@to = choice of data

* “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* “0”
* “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* <date> (zeroOrMore)
* <quote> (zeroOrMore)
* <persName> (zeroOrMore)
* <placeName> (zeroOrMore)
* <orgName> (zeroOrMore)
* <text/>
  + - <extent>
      * + <text/>
        + <group> (oneOrMore)

<locus> (optional) = choice of data

“f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

“ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

“s.f.”

= no folium number

“f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

“ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

@from = choice of data

* + - “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - “0”
    - “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

@to = choice of data

* “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* “0”
* “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

<dimensions>

@unit = value

* “mm”

@type = value

“leaf”

@scope = choice of values

“all”

“range”

<height> = data

* @type = “positiveInteger”

<width> = data

* @type = “positiveInteger”
  + - <collation>
      * + <p> (oneOrMore) = interleave of elements

<locus> (zeroOrMore) = choice of data

“f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

“ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

“s.f.”

= no folium number

“f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

“ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

@from = choice of data

* + - “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - “0”
    - “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

@to = choice of data

* “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* “0”
* “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

<text/>

<empty/>

* + - <condition>
      * + <p>
    - Rule
    1. The @material must match the <material> and when the value “mixed” is used for @material the <support> must contain more than one <material>.

“descendant::tei:material='membraneus' and parent::tei:supportDesc/@material='membr') or (descendant::tei:material='chartaceus' and parent::tei:supportDesc/@material='chart') or (descendant::tei:material='chartaceus et membraneus' and parent::tei:supportDesc/@material='mixed')"

* <layoutDesc>
  + <layout> (oneOrMore)
    - * + <p> = interleave of elements

<locus> (zeroOrMore) = choice of data

“f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

“ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

“s.f.”

= no folium number

“f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

“ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

@from = choice of data

“\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

“0”

“\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

@to = choice of data

* “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* “0”
* “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

<date> (zeroOrMore)

<quote> (zeroOrMore)

<persName> (zeroOrMore)

<placeName> (zeroOrMore)

<orgName> (zeroOrMore)

<text/>

* + - * + @columns = choice of data

@type= “nonNegativeInteger” (max. 2)

* + - * + @streams = choice of data

@type= “nonNegativeInteger” (max. 2)

* + Rule
    1. The value of @columns doesn't match the content of <p> in  
       <layoutDesc>.
       - Context: “tei:layout[@columns=’1 2’]”

Rule: “contains(tei:p,'longis lineis') and contains(tei:p,'binis columnis')”

* + - * Context: “tei:layout[@columns=’1’]”

Rule: “contains(tei:p,'longis lineis')”

* + - * Context: “tei:layout[@columns=’2’]”

Rule: “contains(tei:p,'binis columnis')”

**Rem.** @unit of <dimensions> isn’t needed for a successful validation, because “mm” is the default value for that attribute.

**Rem.** Defining the values of <p> in <layout> (“binis columnis”, “longis lineis” and “binis columnis et longis lineis”) wasn’t possible, because then the adding of a <locus> would result in a critical error.

### <handDesc>

* <p> (oneOrMore) = interleave of elements
  + <locus> (zeroOrMore) = choice of data
    - “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - “s.f.”

= no folium number

* + - “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - @from = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - @to = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + <date> (zeroOrMore)
  + <quote> (zeroOrMore)
  + <persName> (zeroOrMore)
  + <placeName> (zeroOrMore)
  + <orgName> (zeroOrMore)
  + <text/>

### <decoDesc>

* <decoNote> (oneOrMore)
  + <p> (oneOrMore) = interleave of elements
    - <locus> (zeroOrMore) = choice of data
      * “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - * “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - * “s.f.”

= no folium number

* + - * “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - * “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - * @from = choice of data
        + “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * + “0”
        + “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - * @to = choice of data
        + “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * + “0”
        + “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - <date> (zeroOrMore)
    - <quote> (zeroOrMore)
    - <persName> (zeroOrMore)
    - <placeName> (zeroOrMore)
    - <orgName> (zeroOrMore)
    - <text/>
  + @type = choice of values
    - * + “diagram”
        + “initial”
        + “marginal”
        + “paratext”
        + “other”
        + <empty/>
  + <empty/>
* Rules
  + 1. @type of <decoNote> is required.
       - * “@type”

### <additions>

* <p> (oneOrMore) = interleave of elements
  + <locus> (zeroOrMore) = choice of data
    - “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - “s.f.”

= no folium number

* + - “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - @from = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - @to = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + <date> (zeroOrMore)
  + <quote> (zeroOrMore)
  + <persName> (zeroOrMore)
  + <placeName> (zeroOrMore)
  + <orgName> (zeroOrMore)
  + <text/>

## <history>

Rules

* The content of locus doesn’t match the value of its attributes.
  + Context: “tei:history//tei:locus[@from='0']”

Rule: “@to='0' and .='s.f.'”

* + Context: “tei:history//tei:locus[@from=@to and starts-with(@from,‘00’)]”

Rule: “substring-after(.,‘f. ’)=substring-after(@from,‘00’)”

* + Context: “tei:history//tei:locus[@from=@to and starts-with(@from,‘0’)]”

Rule: “substring-after(.,‘f. ’)=substring-after(@from,‘0’)”

* + Context: “tei:history//tei:locus[@from=@to]”

Rule: “substring-after(.,‘f. ’)= @from”

* + Context: tei:history//tei:locus[starts-with(@from,‘00’) and starts-with(@to,‘00’)]

Rule: "(substring-after(.,'-')=substring-after(@to,‘00’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + Context: tei:history//tei:locus[starts-with(@from,‘00’) and starts-with(@to,‘0’)]

Rule: "(substring-after(.,'-')=substring-after(@to,‘0’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + Context: tei:history//tei:locus[starts-with(@from,‘00’)]

Rule: “(substring-after(.,'-')=@to) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘00’))”

* + Context: “tei:history//tei:locus[starts-with(@from,‘0’) and starts-with(@to,‘0’)]

Rule: “(substring-after(.,'-')=substring-after(@to,‘0’)) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘0’))”

* + Context: “tei:history//tei:locus[starts-with(@from,‘0’)]

Rule: “(substring-after(.,'-')=@to) and (substring-before(substring-after(.,‘ff. ’),‘-’)=substring-after(@from,‘0’))”

* + Context: “tei:history//tei:locus[not(@from=@to)]”

Rule: “substring-after(.,'-')=@to and contains(.,@from)”

* The value of @to should be greater than or equal to the value of @from.
  + “(@to=@from) or (@to>@from)”

**Rem.** Cf. remarks <msItem>/<locus>

**Rem.** <macro.specialPara> had to be deleted within <origin>, <provenance> and <acquisition>. Otherwise, the restrictions for <locus> would be applied only to the first <p>.

### <origin>

* <p> (oneOrMore) = group and interleave of elements
  + <origDate> = data
    - * + “saec.\s(I|V|X)+(\s(in.|ex.))?(\-(I|V|X)+)?(\s(in.|ex.))?”

= saec. + rom. number(s) + optional in. or ex.+ optional rom. number(s) + optional in. or ex.

@notBefore

@notAfter

* + <origPlace>
  + <locus> (zeroOrMore) = choice of data
    - “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - “s.f.”

= no folium number

* + - “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - @from = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - @to = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + <date> (zeroOrMore)
  + <quote> (zeroOrMore)
  + <persName> (zeroOrMore)
  + <placeName> (zeroOrMore)
  + <orgName> (zeroOrMore)
  + <text/>
* Rules

1. The @notBefore and @notAfter of <origDate> are required.
   * + “@notBefore and @notAfter”
2. The value of @notAfter should be greater than the value of @notBefore.
   * + “(@notAfter>@notBefore)”

### <provenance>

* <p> (oneOrMore) = interleave of elements
  + <locus> (zeroOrMore) = choice of data
    - “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - “s.f.”

= no folium number

* + - “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - @from = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - @to = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + <date> (zeroOrMore)
  + <quote> (zeroOrMore)
  + <persName> (zeroOrMore)
  + <placeName> (zeroOrMore)
  + <orgName> (zeroOrMore)
  + <text/>

### <acquisition>

* <p> (oneOrMore) = interleave of elements
  + <locus> (zeroOrMore) = choice of data
    - “f.\s\d{1,3}(v|r|va|vb|ra|rb)?”

= folium number of max. 3 digits + optional specification

* + - “ff.\s\d{1,3}(v|r|va|vb|ra|rb)?-\d{1,3}(v|r|va|vb|ra|rb)?”

= folia numbers consisting of 2 parts of max. 3 digits each + optional specification

* + - “s.f.”

= no folium number

* + - “f.\s\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - “ff.\s\p{Nl}(v|r|va|vb|ra|rb)?-\p{Nl}(v|r|va|vb|ra|rb)?

= folia numbers consisting of 2 parts with a roman numeral + optional specification

* + - @from = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + - @to = choice of data
      * “\d{3}(v|r|va|vb|ra|rb)?”

= folium number of 3 digits + optional specification

* + - * “0”
      * “\p{Nl}(v|r|va|vb|ra|rb)?”

= folium number with a roman numeral + optional specification

* + <date> (zeroOrMore)
  + <quote> (zeroOrMore)
  + <persName> (zeroOrMore)
  + <placeName> (zeroOrMore)
  + <orgName> (zeroOrMore)
  + <text/>

## <additional>

* <adminInfo>
  + <change> (zeroOrMore)
  + @xml:lang = value
    - “en”
* <listBibl>
* Rule
  + 1. The @when and @who are required for <change>.
       - * “@when and @who”

**Rem.** No further adjustments are needed at the moment.

1. TEI Consortium, <https://tei-c.org/>. [↑](#footnote-ref-1)
2. TEI Consortium, <https://www.tei-c.org/release/doc/tei-p5-doc/en/html/MS.html#msadad>. [↑](#footnote-ref-2)
3. Thomas of Aquino had the tendency to use and compare different translations for his commentaries. Only in the case of the *Politica* it is certain who the translator was. Since there were two translations in circulation at that time, one incomplete and one complete, both from William of Moerbeke. [↑](#footnote-ref-3)
4. TEI Consortium, <https://www.tei-c.org/release/doc/tei-p5-doc/en/html/MS.html#msadad>. [↑](#footnote-ref-4)
5. Schematron, “Correct and Robust: Schematron’s assert versus report,” <http://schematron.com/2018/12/correct-and-robust-schematrons-assert-versus-report-assertions/>. [↑](#footnote-ref-5)