



Manuscript Description in TEI





TEI and manuscripts

- A TEI file represents „a real world object“, or „a work“ through:
 - Metadata (<teiHeader>, e.g. <msDesc>)
 - Digital Representation (<facsimile>)
 - Transcription/„Edition“ (<text>)
- Theoretically, a non-existing objekt cannot be described! (problem: <msIdentifier>)
- Theoretically only manuscripts can be described at the moment (<msDesc>)



Strategy I

- If you describe/transcribe/edit a manuscript, `<msDesc>` is metadata and belongs in `<teiHeader>`.
- If you write a catalog that contains manuscript descriptions, `<msDesc>` is data and belongs in `<text>`.
- If you generate a complex digital resource, with introduction, ms. description, edited text, and indices, `<msDesc>` is data and belongs in `<text>`.



Strategy II

- TEI offers pretty advanced possibilities to store manuscript descriptions in a very detailed way.
- But: Do you need all this details? Marked up?
 - Mark up what you need for searching or what needs to be displayed in a certain way.
 - The rest can be stored in a less sophisticated way!



Europeana Regia

- HAB participates in the EU-project “Europeana Regia” which digitises medieval manuscripts for Europeana.
- HAB leads two work packages on metadata, which aim at consolidating the list and format of metadata to be used by each participant.
 - formats
 - level of metadata
 - quality of metadata
 - organise ingestion format



State of the art in metadata

- The HAB made a global survey of cataloguing and metadata standards, to obtain a matched OAI extraction despite the different formats used in libraries
 - BnF: EAD
 - KBR: TEI
 - BSB: METS/MODS and TEI
 - HAB: TEI
 - BHUV: MARC-XML
 - (Lyon: special data, with mapping to MODS)



ER: „Minimum“ metadata

- Which information about a manuscript is necessary as a very short overview and sufficient for basic orientation?
 - the manuscript identifiers (actual and former shelf marks, hosting institution or possessors)
 - a summary title
 - basic material information (material of the support, number of leaves, size of leaves)
 - basic historical information (date of origin, place of origin)
 - textual languages
 - introductory bibliographical information.



ER: „Academic“ metadata

- All information besides this minimum level is - together with the minimum level - what is called "academic metadata" in the project, and will have to be added in a second step.
- The project partners will make sure that very important bits of information (authors names, standardized titles of the contained texts) are accurately provided.
- References to norm data like the PND (Personennamendatei) will be included in the descriptions.
- These special metadata will be translated in the relevant languages.



TEI and manuscripts

- Examples (with explanations):

<http://www.hab.de/bibliothek/wdb/europeana-regia/examples/er-minimum.xml>

<http://www.hab.de/bibliothek/wdb/europeana-regia/examples/er-academic.xml>



msDesc

```
<msDesc xml:id="someID" xml:lang="de">  
  <msIdentifier>...</msIdentifier>  
  <head>...</head>  
  <msContents>...</msContents>  
  <physDesc>...</physDesc>  
  <history>...</history>  
  <additional>...</additional>  
  <msPart>...</msPart>  
</msDesc>
```



msIdentifier

```
(  
  (  
    modelNamePart_sequenceOptional,  
    institution?,  
    repository?,  
    collection*,  
    idno?  
  ),  
  ( msName | altIdentifier )*  
)
```



msIdentifier

```
<msIdentifier>  
  <settlement>Köln</settlement>  
  <institution>Universität zu Köln</institution>  
  <repository>Orientalisches Seminar</repository>  
  <collection>Islamische Handschriften</collection>  
  <idno>Hs. xy</idno>  
</msIdentifier>
```

```
<msIdentifier>  
  <collection>Privatsammlung</collection>  
  <msName>Codex Leicester</msName>  
</msIdentifier>
```



altIdentifier

```
<msIdentifier>  
  <settlement>Wolfenbüttel</settlement>  
  <repository>Herzog August Bibliothek Wolfenbüttel</repository>  
  <idno>Cod. Guelf. 105. Noviss. 2°</idno>  
  <msName>Evangeliar Heinrichs des Löwen</msName>  
  <altIdentifier type="alternative">  
    <settlement>München</settlement>  
    <repository>Bayerische Staatsbibliothek</repository>  
    <idno>Clm 30055</idno>  
  </altIdentifier>  
</msIdentifier>
```

vorgeschlagene Werte für @type

- access; alternative; catalog; erroneous; former; internal; multivolume; palimpsest; partial; system



Summary title

```
<head>  
  <title xml:lang="la">  
    <rs type="author" xml:lang="de">Cassiodor</rs>  
    De Institutione  
  </title>  
</head>
```

For each author/title-combination one separate
<head> element



head

<head> is even the place for the most important historical information

```
<head>  
  <title xml:lang="la">  
    <rs type="author" xml:lang="de">Cassiodor</rs>  
    De Institutione  
  </title>  
  <origPlace>Weissenburg (?)</origPlace>  
  <origDate notBefore="0841" notAfter="0860">IX. Jh., Mitte</origDate>  
</head>
```



msContents

```
<msContents>  
  <summary></summary>  
  <textLang mainLang="" otherLangs=""></textLang>  
  <msItem></msItem>  
</msContents>
```

Belegung der Attribute **@mainLang** und **@otherLangs** mit Werten nach ISO-639-2 bzw. besser -3



msItem

```
<msItem n="">  
  <locus from="" to=""></locus>  
  <author></author>  
  <title></title>  
  <rubric></rubric>  
  <incipit></incipit>  
  <explicit></explicit>  
  <finalRubric></finalRubric>  
  <colophon></colophon>  
  <decoNote type=""></decoNote>  
  <note></note>  
  <textLang mainLang="" otherLangs=""></textLang>  
  <filiation></filiation>  
  <listBibl></listBibl>  
</msItem>
```



physDesc

```
<supportDesc material="perg">  
  <support>  
    <p><material>Perg.</material></p>  
  </support>  
  <extent>  
    <measure type="leavesCount" quantity="62">62 Bl.</measure>  
    <dimensions type="leaf" unit="cm">  
      <height>24</height>  
      <width>21</width>  
    </dimensions>  
  </extent>  
</supportDesc>
```

@material = perg, chart, papyrus, mixed, perg_chart, ...

In `<support>` auch Beschreibung von Wasserzeichen etc.



Special aspects physDesc

<handDesc> <scriptDesc> <typeDesc>

<musicNotation>

<decoDesc>

<additions>

<bindingDesc>

<accMat>

- keine gute Systematik
- keine gute Typisierung
- für Hinzufügungen
- für Einband
- z.B. für Fragmente



history

```
<history>  
  <origin></origin>  
  <provenance></provenance>  
  <acquisition></acquisition>  
</history>
```



additional

```
<additional>  
  <adminInfo>  
    <recordHist>  
      <source>  
        <bib></bib>  
      </source>  
    </recordHist>  
  </adminInfo>  
</additional>
```



bibliography

```
<additional>  
  <!-- -->  
  <listBibl>  
    <listBibl>  
      <head>Editionen</head>  
      <bib></bib>  
    </listBibl>  
    <listBibl>  
      <head>Literatur</head>  
      <bib></bib>  
    </listBibl>  
  </listBibl>  
</additional>
```



Manuscript parts

```
<msPart>  
  <altIdentifier type="partial">  
    <idno></idno>  
  </altIdentifier>  
  <!-- -->  
</msPart>
```

@type = partial für Handschriftenteile, Fragmente

Besonderheit: kein <altIdentifier> für msPart



Strategy III

- The TEI structures for manuscript description are designed based on a long cataloguing tradition.
- Retro-conversion of older catalogues might be difficult due to other traditions and depths of information.
- Born-digital cataloguing can easily follow the structures of TEI elements.