

Creating a Manuscript Description

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1 Learning Outcomes

When you successfully complete this exercise you should be able to:

- Modify a text manuscript description to provide more structure
- Understand the general categories of manuscript description
- Have some experience editing a `<teiHeader>`

2 Summary

In this exercises you will edit a basic manuscript description in an existing TEI document. You'll modify the `<msDesc>` element to categorise manuscript description information into a more detailed structure.

3 Starting Up

Download <http://tei.it.ox.ac.uk/Talks/2015-03-lyon/msDesc.xml?style=raw>. Save it as 'ms-Desc.xml'. Read through the file.

Have a look at <http://tei.it.ox.ac.uk/Talks/2015-03-lyon/msDesc.pdf> which is printed output from the final version of this description.

4 A basic `<msDesc>`

The information to categorise our manuscript description will be taken from a the PDF of the description. There is no requirement with TEI `<msDesc>` to divide it into all the possible categories of information, instead all it requires is at least a `<msIdentifier>`, other information could be stored in a few accompanying paragraphs. This is useful for the retrospective conversion of catalogues in other legacy formats to TEI XML. However, in our case we want to make as structured a version as we can. The current `<msDesc>` looks like:

```
<msDesc xml:lang="de" xml:id="zbz-C0010i">
  <msIdentifier>
    <settlement>Zürich</settlement>
    <repository>Zentralbibliothek</repository>
    <idno>Ms. C 10i</idno>
    <altIdentifier type="catalog">
      <idno>47</idno>
    </altIdentifier>
  </msIdentifier>
  <p>Passionarius maior, St. Gallen, 9. Jahrh</p>
  <p>pp. 1v-7r, Vita s. Areleffi, (BHL. Nr. 1568);
  273r-273v, Vita s. Elegii, (BHL. Nr. 2477);
  Voraus: 1r, Unvollständige Inhaltsangabe, (12. Jahrh.);
  274r-274v, Folgt: 91. Bruchstück von BHL. 4992.
  </p>
  <p>Perg., 274 Bll., 43,0 x 30,5 cm;
  (5. 6.) Drei primitive Zeichnungen. Initialen.
  Das Fest "VIII Inventio crucis" in der Inhaltsangabe fehlt im Bande.
  Ebenso die Passiones Cornелиi, Mariae, Luciae, Thomae.
  (132) Klosterwappen.;
  Weisser Lederband mit Linnenzeichnung.
```

```
</p>
<p>Mohlberg Leo Cunibert, Katalog der Handschriften
  der Zentralbibliothek Zürich I, Mittelalterliche
  Handschriften, Zürich 1952, S. 18-19.</p>
<p>Beschr. E. Munding , Das Verzeichnis der St. Galler Heiligenleben und
  ihrer Handschriften in Cod. Sangall. Nr. 566, in:
  Texte und Arbeiten I, 3 4 (1918) S. 42 56.;
  Vgl. P. Lehmann, Mittelalterliche Bibliothekskataloge I (1918) S. 91 99.</p>
</msDesc>
```

You will notice this manuscript description is in German (the `xml:lang="de"` on the `<msDesc>` element). You do not need to know German to recatalogue it since we have the PDF output as an indication. Each of the paragraphs covers a different kind of output in a standard manuscript descript.

Don't worry that your file will be invalid for large parts of this exercise. You should get a *happy green square* at the end of it.

5 Look at the `<msIdentifier>`

Every `<msDesc>` must have an `<msIdentifier>` and this must be structured with the element allowed inside it. You need an `<msIdentifier>` because if you have no way to refer to the object (its name, id number, where it is) then it will be hard to write a description of it.

Note how elements are prescribed to appear in a particular order (from greatest level of granularity to more specific). Notice that most elements cannot be repeated (some like `<collection>` and `<altIdentifier>` can be).

6 Giving our description a `<head>`

The `<head>` element is used for headings in divisions, but also has a special use in manuscript descriptions to provide a place for easy summary information for the description.

- In this case immediately after the closing `</msIdentifier>` you should rename the first paragraph element to `<head>`
- Removing any stray commas as you go, you should then mark "Passionarius maior" as a `<title>`
- "St. Gallen" is its place of origin. The TEI provides a special element (other than `<placeName>` to mark place of origin. This is called `<origPlace>`. Use this to wrap around "St. Gallen".
- The "9. Jahrh" refers to the 9th Century. Like `<origPlace>` the TEI also provides `<origDate>` for an origin date. Wrap this around "9. Jahrh."
- We can be more specific with the `<origDate>` and give it some attributes `@notBefore` and `@notAfter` [Note: although these are printed with an "@" in front of them, that is just a convention to note they are attributes, there is not an "@" in the XML file.] These take dates in a YYYY (or YYYY-MM or YYYY-MM-DD) format. If we want to say the 9th Century provide a `@notBefore` attribute of "0800" and a `@notAfter` date of "0899". (Yes, we could be more specific down to the day if we were being really pedantic.)
- Basically, you should take this:

```
<p>Passionarius maior, St. Gallen, 9. Jahrh</p>
```

and make it into:

```
<head>
  <title>Passionarius maior</title>
  <origPlace>St. Gallen</origPlace>
  <origDate notBefore="0800" notAfter="0899">9. Jahrh.</origDate>
</head>
```

7 Providing an <msContents>

The next paragraph has some basic information for creating an <msContents> element. This is filled with a series of bibliographic references and other notes concerning particular locations in the manuscripts.

- After the closing </head> rename the next paragraph <msContents>
- Highlight from "pp.1v-7r" until the first semi-colon, and use surround-with-element (control 'e') to wrap an <msItem>. Inside this <msItem> create a <locus> element for the page location (with a @from and @to attribute of "1v" and "7r" respectively. The wrap "Vita s. Areleffi" in a <title> element, and the "(BHL. Nr. 1578)" in a <bibl> element.
- Your first <msItem> should look something like this:

```
<msItem>
  <locus from="1v" to="7r">pp. 1v-7r</locus>
  <title>Vita s. Areleffi</title>
  <bibl>(BHL. Nr. 1568)</bibl>
</msItem>
```

- The next <msItem>, up to the next semi-colon, should end up looking similar. Make it look like:

```
<msItem>
  <locus from="273r" to="273v">273r-273v</locus>
  <title>Vita s. Elegii</title>
  <bibl>(BHL. Nr. 2477)</bibl>
</msItem>
```

- The next <msItem> is really a specialised sort of note. So we're got to wrap it in a note element inside the <msItem>. It should end up looking like:

```
<msItem>
  <note> Voraus: <locus from="1r">1r</locus>
    Unvollständige Inhaltsangabe (<date>12. Jahrh.</date>).
  </note>
</msItem>
```

Note that we haven't really classified the date in a machine-processable way this time. We could, but we're just being lazy.

- The remaining bit of text inside the <msContents> makes the last msItem. It is a combination of <locus>, a <note> and a <bibl> elements.

```

<msItem>
  <locus from="274r" to="274v">274r-274v</locus>
  <note>Folgt:</note>
  <bibl>91. Bruchstück von BHL. 4992.</bibl>
</msItem>

```

- Basically, overall you want to take:

```

<p>pp. 1v-7r, Vita s. Areleffi, (BHL. Nr. 1568); 273r-273v, Vita s. Elegii,
(BHL. Nr. 2477); Voraus: 1r, Unvollständige Inhaltsangabe, (12. Jahrh.);
274r-274v, Folgt: 91. Bruchstück von BHL. 4992. </p>

```

and turn it into:

```

<msContents>
  <msItem>
    <locus from="1v" to="7r">pp. 1v-7r</locus>
    <title>Vita s. Areleffi</title>
    <bibl>(BHL. Nr. 1568)</bibl>
  </msItem>
  <msItem>
    <locus from="273r" to="273v">273r-273v</locus>
    <title>Vita s. Elegii</title>
    <bibl>(BHL. Nr. 2477)</bibl>
  </msItem>
  <msItem>
    <note> Voraus: <locus from="1r">1r</locus>
      Unvollständige Inhaltsangabe (<date>12. Jahrh.</date>).
    </note>
  </msItem>
  <msItem>
    <locus from="274r" to="274v">274r-274v</locus>
    <note>Folgt:</note>
    <bibl>91. Bruchstück von BHL. 4992.</bibl>
  </msItem>
</msContents>

```

8 Giving a <physDesc>

The next paragraph has information about the physical aspects of the manuscript. Let's turn it into a <physDesc>! After the closing </msContents> tag add a new <physDesc> element.

- Create inside this an <objectDesc> with a @form attribute of "codex".
- Inside the <objectDesc> create a <supportDesc> with an attribute of @material with a value of "perg". Inside the <supportDesc> create a <support> element with the text content "Perg."
- As a sibling to the <support> create an <extent> element with two <measure> children. The first should have a @type attribute of "leavesCount", a @quantity of "274", and a @unit of "leaves". The content of the element should be "274 Bl".
- After the closing </extent> tag, create a <decoDesc> with a <decoNote> inside. Mark the locuses as 5v and 6r, the first <decoNote> should extend to "Thomae".
- Create a second <decoNote> from "(132) Klosterwappen." marking the locus as from 132r.

- As a sibling to `<decoDesc>` create a `<bindingDesc>` with a `<binding>` element in it, which in turn has a `<p>` element inside that.
- Add the text "Weisser Lederband mit Linnenzeichnung." to this, wrapping the `<locus>` element around "Lederband".
- Basically, turn this:

```
<p>Perg., 274 Bll., 43,0 x 30,5 cm; (5. 6.) Drei primitive Zeichnungen. Initialen. Das Fest "VIII Inventio crucis" in der Inhaltsangabe fehlt im Bande. Ebenso die Passiones Cornelii, Mariae, Luciae, Thomae. (132) Klosterwappen.; Weisser Lederband mit Linnenzeichnung. </p>
```

into this:

```
<physDesc>
  <objectDesc form="codex">
    <supportDesc material="perg">
      <support>Perg.</support>
      <extent>
        <measure type="leavesCount"
          quantity="274" unit="leaves">274 Bll.</measure>
        <measure type="pageDimensions">
          <height unit="mm" quantity="430">43,0</height> x <width unit="mm" quan-
            tity="305">30,5</width> cm</measure>
        </extent>
      </supportDesc>
    </objectDesc>
    <decoDesc>
      <decoNote> (<locus from="5v">5</locus>. <locus from="6r">6</locus>.) Drei primitive Zeichnungen. Initialen. Das Fest <quote>VIII Inventio crucis</quote> in der Inhaltsangabe fehlt im Bande. Ebenso die Passiones Cornelii, Mariae, Luciae, Thomae. </decoNote>
      <decoNote> (<locus from="132r">132r</locus>) Klosterwappen. </decoNote>
    </decoDesc>
    <bindingDesc>
      <binding>
        <p>Weisser <locus from="Vorderseite">Lederband</locus> mit Linnenzeichnung.
      </p>
    </binding>
  </bindingDesc>
</physDesc>
```

9 Noting `<additional>` Information

At the very end of your `<msDesc>` you can include an `<additional>` element which stores other information such as `<adminInfo>` (for recording administrative events of the object), `<listBibl>` (for listing bibliographic citations about the object), and `<surrogates>` (for listing additional representations of the object). In our case we have a couple paragraphs left:

```
<p>Mohlberg Leo Cunibert, Katalog der Handschriften der Zentralbibliothek Zürich I, Mittelalterliche Handschriften, Zürich 1952, S. 18-19.</p>
<p>Beschr. E. Munding , Das Verzeichnis der St. Galler Heiligenleben und ihrer Handschriften in Cod. Sangall. Nr. 566, in: Texte und Arbeiten I, 3 4 (1918) S. 42 56.; Vgl. P. Lehmann, Mittelalterliche Bibliothekskataloge I (1918) S. 91 99.</p>
```

The first paragraph has information about the source of the information for the manuscript description. The second has a couple bibliographic citations we want to record.

- As a sibling to `<physDesc>` add an `<additional>` element with an `<adminInfo>` with a `<recordHist>` with a `<source>` with a `<bibl>` inside it. Phew! This should contain the text of the first paragraph.
- Mark up "Mohlberg Leo Cunibert" as a personal name using the `<persName>` element, and "1952" as a `<date>` (optionally use a `@when` attribute on that)
- As a sibling to `<adminInfo>` add a `<listBibl>` element with two `<bibl>` elements in it. Use the text before the semi-colon in the first one, and the text after the semi-colon in the second one.
- Mark "Munding" and "Lehmann" as small capitals by using a `<hi>` element with a `@rend` attribute of "small-caps".
- Basically, turn this:

```
<p>Mohlberg Leo Cunibert, Katalog der Handschriften der Zentralbibliothek Zürich I, Mittelalterliche Handschriften, Zürich 1952, S. 18-19.</p>
<p>Beschr. E. Munding , Das Verzeichnis der St. Galler Heiligenleben und ihrer Handschriften in Cod. Sangall. Nr. 566, in: Texte und Arbeiten I, 3 4 (1918) S. 42 56.; Vgl. P. Lehmann, Mittelalterliche Bibliothekskataloge I (1918) S. 91 99.</p>
```

into this:

```
<additional>
  <adminInfo>
    <recordHist>
      <source>
        <bibl>
          <persName>Mohlberg Leo Cunibert</persName> , Katalog der Handschriften
          der Zentralbibliothek Zürich I, Mittelalterliche Handschriften, Zürich
          <date>1952</date> , S. 18-19. </bibl>
        </source>
      </recordHist>
    </adminInfo>
  <listBibl>
    <bibl> Beschr. E. <hi rend="small-caps">Munding</hi> , Das Verzeichnis der
    St. Galler Heiligenleben und ihrer Handschriften in Cod. Sangall. Nr. 566, in:
    Texte und Arbeiten I, 3 4 (1918) S. 42 56. </bibl>
    <bibl> Vgl. P. <hi rend="small-caps">Lehmann</hi> , Mittelalterliche Biblio-
    thekskataloge I (1918) S. 91 99. </bibl>
  </listBibl>
</additional>
```

- Delete any bits of punctuation or `<p>` elements from the original description. Ensure you have a happy green square.

Congratulations! You've encoded a full (and real) manuscript description in TEI!

10 Saving Your Work

Let's save our work:

- Is your work well-formed? Do you have a happy green square or an angry red one? If it is an angry red one, make sure you solve any problems before saving!
- Have you formatted and indented your work automatically?

-
- From the 'File' menu select 'Save' or click on the Save icon (looks like a old-style 3.5" disk).
 - Or if you prefer use the 'File' then 'Save As' menu item to save the file.