The MASTER Document Type Definition

Lou Burnard
January 2001

MASTER: The DTD Overview

☞ Objectives

☞ Structure

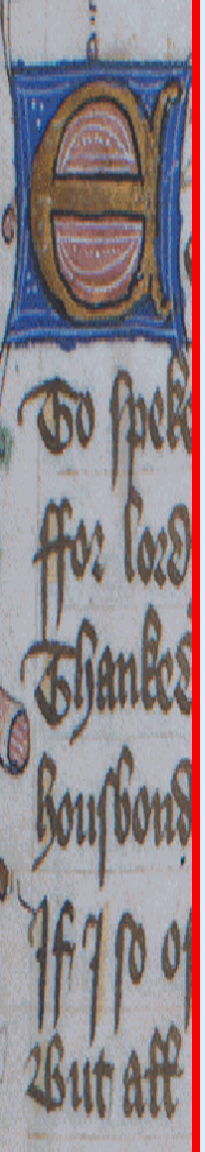http://www.hcu.ox.ac.uk/TEI/Master/Reference/

Objectives

The DTD must support different kinds of applications:

☞ standalone database of records (*finding aid*)

☞ discursive text collecting many records (*catalogue raisonné*)

☞ metadata component within a digital surrogate (*electronic edition*)

Finding Aid

☞ subset of tags needed, with tighter constraints

☞ conversion of legacy data is (probably) easy

☞ xml data management problems

☞ associated data problem

```
<div type="section" id="AMI-records">
<msDescription id="AMI-1">
...
</msDescription>
<msDescription id="AMI-2">
...
</msDescription>
</div>
```

Catalogue Raisonné

Using the TEI means that a `<msDescription>` can appear anywhere a `<p>` paragraph can

```
<div type="section" id="AMI-records">
<head>The Arnamaegnan Institute and its records</head>
<p>Probably the finest collection of ......
</p>
<p>For example: </p>
<msDescription id="AMI-1">
...
</msDescription>
<p>In the following manuscript....
</p>
<msDescription id="AMI-2">
...
</msDescription>
</div>
```
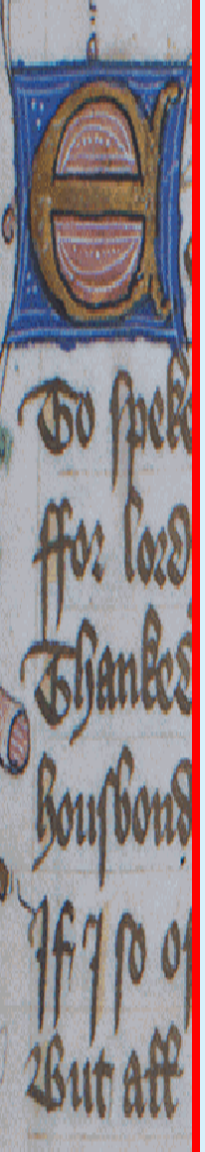
Using the TEI also means that we don't have to re-invent all the paraphernalia of the traditional book.

Digital edition

☞ metadata in the header

☞ transcription in the body, with links to

☞ images in the back

Using the TEI means we can integrate all of these in a single well-understood XML framework

```
<TEI.2>
   <teiHeader>
     <fileDesc><titleStmt>
        <title>A digital edi-
tion of AM 1234 Fol.</title></titleStmt>
         ....
        <sourceDesc>
             <msDescription id="AM1234F">
                ...
             </msDescription>
        </sourceDesc>
      ...
   </teiHeader>
   <text>
     <body>  <!- transcription ->   </body>
```

The TEI already provides

☞ basic document structure components (`<div>`, `<head>`, `<p>`, etc.

☞ rich collection of phrase-level elements (`<hi>`, `<foreign>`, etc.

☞ mechanisms for cross-referencing, multimedia, hypertext, analysis...

See further http://www.tei-c.org

So, what goes into a MS Description?

We separate, and tag differently, aspects concerned with...

☞ identification

☞ intellectual content

☞ physical description

☞ history and curation

☞ ... and other manuscript descriptions

```
<!ELEMENT msDescription  (msIdentifier, msHeading?,
                          msContents?, physDesc?, his-
tory?,
                          additional?, msPart*) >
```

Identification (1)

The `<msIdentifier>`
Traditional three part specification:

☞ place (`<country>`, `<region>`,
   `<settlement>`)

☞ repository (`<institution>`, `<repository>`)

☞ identifier (`<collection>`, `<idno>`)

plus alternative names tagged with `<altName>`

```
<msIdentifier>
  <country>France</country>
  <settlement>Troyes</settlement>
  <repository>Biblioth&egrave;que Munici-
pale</repository>
  <idno>50</idno>
  <altName type="IRHT">Medium 27178</altName>
</msIdentifier>
```

Identification (2)

The `<msHeading>`
Short, optional, summary, possibly containing some key fields

☛ just text

☛ `<author>` and `<respStmt>`s

☛ `<title>`

☛ `<origDate>` and `<origPlace>`

☛ `<textLang>`

☛ `<note>`

```
<msHeading lang="FRA">
  <origDate notBefore="1200" no-
tAfter="1300">13e s.</origDate>
  <origPlace>Paris</origplace>
  <textLang langkey="LAT" otherLangs="FRA">
    Latin, avec annotations fran&ccedil;aises.
  </textLang>
  <note lang="LAT">Biblia (AT Reg par1-
```

Intellectual Content

☞ May simply use paragraphs of text...

☞ ... or a hierarchically organized tree of `<msItem>` elements

☞ which may optionally be prefixed by a `<summary>` element

```
<msContents>
<p>An extraordinary charivari of heroic deeds and
improving tales, including an early version of
<title>Guy of Warwick</title> and several hymns.
</p>
</msContents>

<msContents>
<summary>An extraordinary charivari of heroic deeds,
improving tales, and hymns</summary>
<msItem>
<!- details of Guy of Warwick here ->
</msItem>
<msItem>
 <!- other items here ->
```
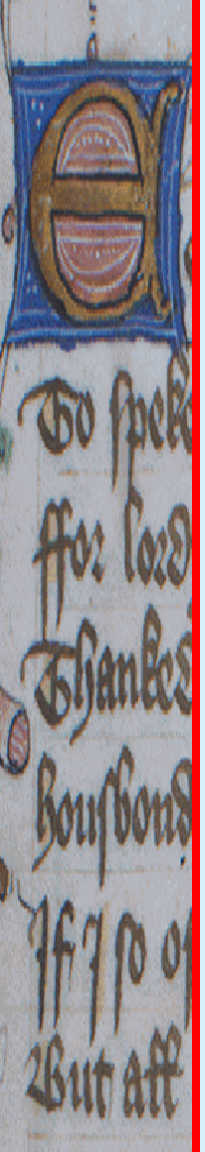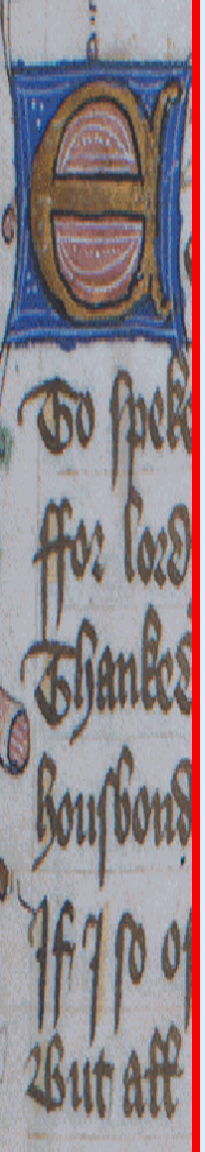
The `<msItem>` element

Manuscripts contain identifiable items, usually physically tied to a *locus*. Note that a `<msItem>` is not the same as a bibliographic item.

☞ `<locus>`, if present, must be given first

☞ then a mixture of any number of the following:

  ☞ `<author>`, `<respStmt>`

  ☞ `<title>`, `<rubric>`, `<summary>`, `<incipit>`, `<explicit>`, `<colophon>`, `<q>`

  ☞ `<textLang>`, `<decoNote>`, `<bibl>`, `<listBibl>`, `<note>`
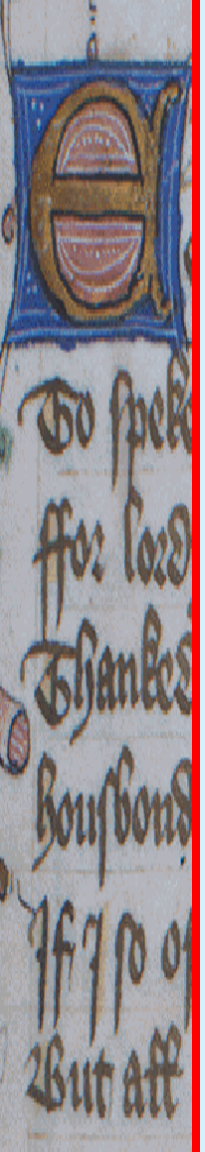
  ☞ ... or nested `<msItem>`s

Physical Description

An artifical (but helpful) grouping of many distinct items.
You can simply supply paragraphs of prose, covering such topics as

☞ `<form>, <support>, <extent>`

☞ `<collation>, <layout>, <msWriting>, <musicNotation>`

☞ `<decoration>, <bindingDesc>, <foliation>`

☞ `<additions>, <condition>`

Or, group your discussion within specific elements
Similarly, within the specific elements, you can supply paragraphs of prose, or further specific elements.

History

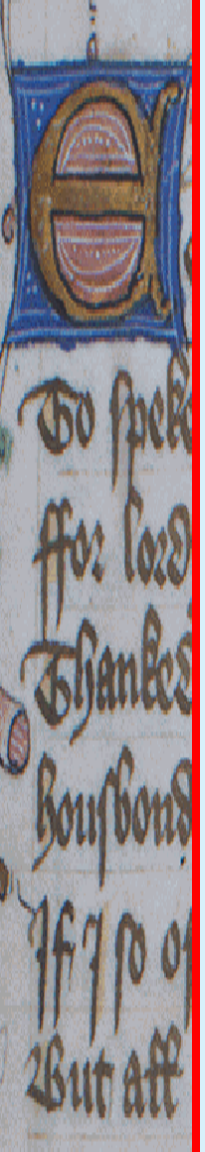☞ `<origin>`: where it all began

☞ `<provenance>`: everything in between

☞ `<acquisition>`: how you acquired it

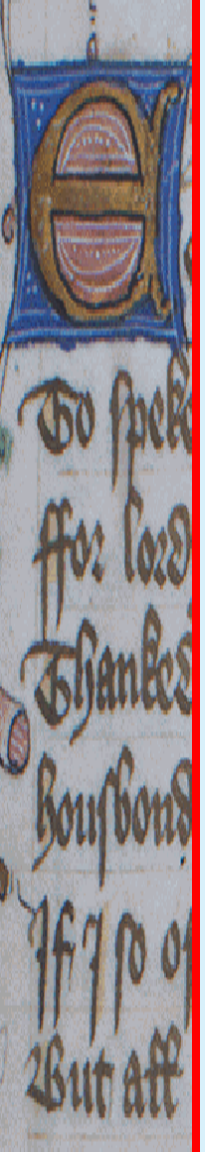`<origin>` is *datable* element and thus has attributes notBefore and notAfter

Additional information

☞ `<adminInfo>` : administrative information

☞ `<surrogates>` : information about other surrogates eg pictures

☞ `<accMat>` : accompanying material

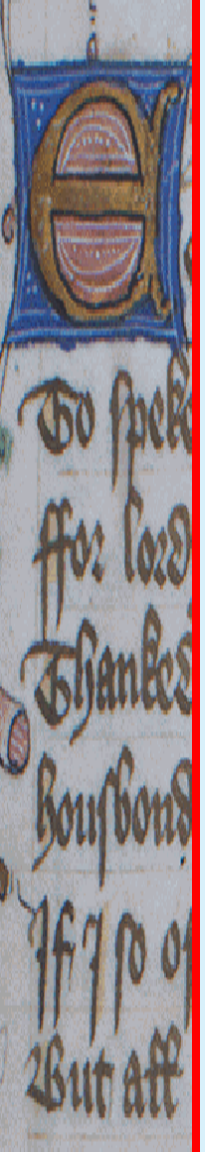☞ `<listBibl>` : bibliographic annotations

Administrative information

☞ record history

☞ availability

☞ custodial history

☞ miscellaneous remarks

And finally

A `<msDescription>` can contain a nested `<msDescription>`, called a `<msPart>`

Further reading...

☞ The reference manual is at
http://www.hcu.ox.ac.uk/TEI/Master/Reference/

☞ Example records are at
http://www.hcu.ox.ac.uk/TEI/Master/Examples/