Metadata

Excerise I

Open Oxygen

Create a new general XML file (no framework)

enter <metadata xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://localhost"> in your file.

Save your file and download the file "DC.xsd" (a simple schema introducing Dublin Core Elements) from the Dropbox/Work/Metadata folder and copy it into the same folder with your previously created file.

Add this schema to you XML file with Document > Schema > Assign Schema

Then try to insert elements by typing < and look what oXygen suggests to you.

It becomes more clear when you add the Dublin Core namespace to your file by adding the attribute xmlns:dc="http://purl.org/dc/elements/1.1/" to the element <metadata>

Create Dublin Core Elements metadata from **http://diglib.hab.de/edoc/ed000166/start.htm**

If you want to be more specific and create Dublin Core Qualified metadata, it will help you to add the appropriate namespace to your document with the attribute xmlns:dcterms="http://purl.org/dc/terms/" in the <metadata> element.

Create Dublin Core Qualified metadata from **http://diglib.hab.de/edoc/ed000166/start.htm**.

Exercise II

Download the METS file from
http://diglib.hab.de/edoc/ed000166/mets.xml
It should help you to answer the following questions:

- How can you access the images?

- How are the two transcriptions linked?

- How is the ToC/index on the left of the starting page <http://diglib.hab.de/edoc/ed000166/start.htm> created?

Exercise III

Create an EDM record for
http://diglib.hab.de/edoc/ed000166/start.htm
with:

- an <ore:Aggregation>

- refering to the URL of the digital edition
  - describing the digital edition as an edm:ProvidedCHO
  - giving some elementary metadata who created the aggregation and when
- Add metadata on the digital edition as object oriented metadata
  - as part of the edm:ProvidedCHO
  - as ore:Proxy

To do this:

open oxygen and the file EDM-bare.xml from the metadata folder in the work share.

Unfortunately there are problems with the integration of the EDM schema (http://www.europeana.eu/schemas/edm/EDM.xsd) in oXygen, so this time you have to find the appropriate tag names in the slides of the presentation and there will be no validation.

Create an <ore:Aggregation>

by typing <ore:Aggregation> as the first element in the edm:RDF root element. Add the an (invented) URL in the attribute @about (which identifies this aggregation anywhere else)

In the <ore:Aggregation> element enter

- <edm:shownAt> for the link to the edition. The link itself is stored in the attribute @resource in this element.
- <edm:aggregatedCHO> to link to the description of the digital edition
- You describe the digitale with the element <edm:ProvidedCHO> in the element <edm:aggregatedCHO> and identify it with an (invented) URL in the attribute @about. (Alternatively you can enter the edm:ProvidedCHO at the same level as the ore:Aggregation by referring to its @about attribute with the attribute @resource in the <edm:aggregatedCHO> element)
- Give some elementary metadata for the aggregation in the <ore:Aggregation> element with Dublin Core elements for the creation (Who: <dc:creator>, when: <dcterms:created>).

Add metadata on the digital edition as object oriented metadata

Add Dublin Core metadata to the <edm:ProvidedCHO>, e.g. <dc:creator>, <dcterms:created>, <dc:title>)

- To create metadata as a proxy add the element <edm:Proxy> at the same level as the <ore:Aggregation>. Identify the proxy by an (invented) URL in the attribute @about.
- Enter the Dublin Core Metadata in the edm:Proxy element.
- To link the Proxy with the aggregation (=ore:Aggregation) add <edm:proxyIn> to the <edm:Proxy> and enter the URL of you ore:Aggregation@about into the @resource attribute of <edm:proxyIn>
- To link it to the digital edition (=edm:ProvidedCHO) add <edm:proxyFor> to the <edm:Proxy> and enter the URL of your ore:Aggregation@about into the @resource attribute of <edm:proxyFor>