**LIDO mandatory elements**

When you start your mapping using the Linked Heritage ingestion server (http://mint-projects.image.ntua.gr/linkedheritage/), you will see that the sets containing mandatory fields are bordered in **RED**, while the mandatory fields are written in **RED**.

**NB**: mandatory metadata elements are supplied to Europeana **WITH CC0**. The thumbnail as digital object is not supplied with CC0, it keeps the rights assigned in the lido:rightsResource (=europeana:rights) field. However, the URL to the thumbnail (being a text string) is supplied with CC0.

In general: structural elements cannot hold proper data values, it's always a sub-element which then holds the proper data. With the "@" icon you can open the attributes attached to an element. Note that the attributes always have a qualifying or specifying character, they do not hold proper data for their element. For some elements they are preallocated in the tool for Linked Heritage purposes.

Elements with Linked Heritage specific preallocated attributes or with a Linked Heritage specific fixed value list for their proper (sub-)element data have in brackets "(europeana)"
**DESCRIPTIVE METADATA**

**Object Identification**

`lido:titleSet`

You have to put the proper data value into the sub-element `appellationValue` (results in `dc:title`)

**Object Classification**

`lido:objectWorkType`

You have to supply either the sub-element `conceptID` to a controlled vocabulary or the sub-element `term` (results in `dc:type`)

`lido:classification (europeana)` (attribute `lido:type="europeana:type"` is preallocated) with fixed value list for the sub-element `lido:term` TEXT or IMAGE or SOUND or VIDEO (results in `europeana:type`)

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**Target Schema**

- Template
- Descriptive Metadata
  - Object Identification
  - Object Classification
  - Object Relation
  - Event
- Administrative Metadata
  - Rights Work
  - Record
  - Resource
ADMINISTRATIVE METADATA

Record

*lido:recordID* and *lido:recordType*: they are indeed mandatory in the LIDO schema, but not in the ESE schema, so they are needed for LH, but not necessarily delivered to Europeana.

*lido:recordID*

This is the identifier for the described object. Currently we include it as part of the mandatory set of metadata elements to be supplied to Europeana in order to allow for tracing back to the object also from subsequent use of the data.

*lido:recordType*

You have to supply either the sub-element conceptID to a controlled vocabulary or the sub-element term. Example values (taken from the LIDO spec) for the term are: item, collection, series, group, volume, fonds.

*lido:recordSource (europeana)* *(attribute lido:type="europeana:dataProvider" is preallocated)*

You have to supply either the sub-element legalBodyID or the sub-element legalBodyName with appelationValue (results in europeana:dataProvider)
Whenever possible supply \texttt{lido:recordInfoSet/lido:recordInfoLink} (results in europeana:isShownAt).

\textbf{Resource}

You must provide the following elements:

\texttt{lido:resourceRepresentation (thumb)} (attribute \texttt{lido:type="image_thumb"} is preallocated) (results in europeana:object)

The \texttt{lido:resourceRepresentation} element should be removed if no URL is provided.
**lido:rightsResource**

The Europeana-specific sub-element `lido:rightsType/lido:term` holds the rights information for the digital surrogate of your object. This is a enumeration of fixed values (results in `europeana:rights`).

Moreover you must provide with the "mandatory-only" option at least one of the following elements:

**EITHER**

- **lido:recordInfoSet** (results in `europeana:isShownAt`)

**OR**
lido:resourceRepresentation (master) (attribute lido:type="image_master" is preallocated) (results in europeana:isShownBy)

The lido:resourceRepresentation element should be removed if no URL is provided.