

Notes –Schema Mapping Tool workshop - 09 June 2011

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Schema Mapping Tool is open source.

Two different faces: you load your metadata and you load the output structure.
You create the mapping once and then you just rerun it every time you upload content.

Steps:

- Load input structure
- Load output structure : OLEF schema

- Possible step: value manipulations

- Check output if it is successful

Several pre-created standard structures available.

Left side: input structure

Right side: output structure

To map to fields together click on left side (input) and click on right side (output). Do this for each field you need to.

Advanced: uses regular expressions (regex), you don't need to use this, more technical – value manipulation.

You create a theory of the content and map it.

E. g. Excel file: you map the first column

Process: Output is xml for OLEF and encoding should stay to UTF-8.

Save button – use this to save what you entered.

Finally, check the structure in a notepad. Does the mapping make sense?

Live Demo

You need a working java installation!!

1. select OLEF as output structure:
You can click on the plus icon to open the elements. OLEF has a hierarchical structure

2. select input format – select open if it is not a standard format
Takes the first row of the excel file.

3. Mapping of filename – click on left side
Select reference on right side (OLEF documentation on web available)

Green border - this fields will be mapped
page number – page - >name

You just select fields on the left sight and choose a field on the right side

After that you go to process

Delfile= delimited file – e. g. csv

As an output format we want xml, as OLEF is xml – Encoding UTF-8

Select ouput file (bottom) – file name.
Algorithm goes through Excel file row by row.

Important: tell the tool to repeat the action.
Use a field that always exists.

Mapping of two fields to one field:
Use concatenate