DC Tools Community Meeting at DC-2008

1. Welcome, introductions, view back on activities in 2007-2008
   Jane Greenberg (UNC Chapel Hill, USA)

2. One Tool as an example: OpenCollection
   Seth Kaufman

3. Implementation of a publication workflow for the DCMI Tools- and Software-Collection
   Thomas Severiens (Univ. Osnabrück, Germany)

4. Open discussion and plans for 2008/09
Charter:
- a discussion forum for individuals and organizations interested in the development and usage of tools and applications based on Dublin Core Metadata (developers and users)

Results 2007/08:
- Meeting at DC2007 in Singapore, result published on server,
- Restructuring of Tools- and Software-Collection (to be continued)
Seth Kaufmann: OpenCollection
Taking care of the Software- and Tools-Collection
by Thomas Severiens
Osnabrück University, Germany
severiens@mathematik.uni-osnabrueck.de

- DCMI Tools and Software Collection: http://www.dublincore.org/tools/
- Structured by the DCMI Tools Metadata Application Profile: http://www.dublincore.org/groups/tools/map.shtml
- and by the DCMI Tools Glossary: http://www.dublincore.org/groups/tools/glossary.shtml
- Collection of Software, Tools, Libraries, and Algorithms etc.
Tools and Software

For a definition of the terms see the DCMI Tools Glossary.

Conversion
Crosswalks
Metadata Creation
Metadata Encoding
Metadata Extraction
Metadata Generation
Metadata Harvesting
Metadata Templates
Search Engines
Translation
Transliteration
Validation

This compilation is maintained by the DCMI Tools Community. For Updates and Corrections, please contact the moderators of the Tools-Community.

Conversion

**DC-dot** [http://www.ukoln.ac.uk/metadata/dcdot/](http://www.ukoln.ac.uk/metadata/dcdot/) (UKOLN, United Kingdom) **free online tool**
This service will retrieve a Web page and automatically generate Dublin Core metadata, either as HTML tags or as RDF/XML, suitable for embedding in the ... section of the page. The generated metadata can be edited using the form provided and converted to various other formats (USMARC, SOIF, IAF/ROADS, TEI headers, GILS, IMS or RDF) if required. Optional, context sensitive, help is available while editing.

**Editor-Converter Dublin Core metadata** [http://www.library.kr.ua/dc/dceditunie.html](http://www.library.kr.ua/dc/dceditunie.html) (Kirovohrad Regional Universal Research Library, Ukraine) **free online tool**
This online program can be used for two purposes: as a Dublin Core metadata editor, and as a converter to UNIMARC.
After conversion to UNIMARC format, metadata can be saved to your local hard drive as an ISO-2709 file. Viewable in Ukrainian, Russian and English.

Crosswalks
# DCMI Tools Metadata Application Profile

**Draft Proposal, April 23, 2007**

<table>
<thead>
<tr>
<th>Namespace</th>
<th>Element</th>
<th>Qualifiers</th>
<th>Example DC-dot</th>
<th>Example Picard Tagger</th>
</tr>
</thead>
<tbody>
<tr>
<td>dc</td>
<td>creator</td>
<td></td>
<td>Andy Powell</td>
<td></td>
</tr>
<tr>
<td>dc</td>
<td>date</td>
<td>dcterms:created dcterms:dateCopyrighted dcterms:modified dcterms:issued</td>
<td>Created: 7 July 1997</td>
<td>issued: 2006-06-25</td>
</tr>
<tr>
<td>dc</td>
<td>description</td>
<td></td>
<td>Extracts and validates metadata from HTML resources and MS Office files. The generated metadata can be edited using the form provided and converted to</td>
<td>PicardTagger allows you to automatically look up the releases/tracks in your music collection and then write clean metadata tags</td>
</tr>
</tbody>
</table>
DCMI Tools Glossary

Draft version, May 6, 2007

Algorithm
A finite set of well-defined instructions for accomplishing some task which, given an initial state, will terminate in a defined end-state. (Wikipedia)

Application Profile
An assemblage of metadata elements selected from one or more metadata schemas and combined in a compound schema. Application profiles provide the means to express principles of modularity and extensibility. The purpose of an application profile is to adapt or combine existing schemas into a package that is tailored to the functional requirements of a particular application, while retaining interoperability with the original base schemas. Part of such an adaptation may include the elaboration of local metadata elements that have importance in a given community or organization, but which are not expected to be important in a wider context. (Duval)

Automatically Generated Metadata
Metadata generated with the aid of machine processing. See derived metadata, metadata extraction, and metadata harvesting. (Greenberg)

Conversion
Can refer to either
- conversion between schemas
- conversion of encoding (x/html to xml)

Crosswalk
A semantic mapping of metadata elements across metadata schema specifications. Crosswalks permit searching across multiple databases that use different schemas. (Greenberg)
Proposed Workflow:

Users / Developer

www.dublincore.org/tools/upload.shtml

E-Mail with a template for DB-Addition

www.dublincore.org/tools/
Actions to be taken…

- Write and discuss a publication policy (until DC2009),
- Continue intellectual work on AP and Glossary-Taxonomy (continuously),
- Collect experiences with the proposed workflow,
- Implement cgi-scripts on DCMI server (upload script and DB-output).