

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

DC Tools Community 2007/08

- 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

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- 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](#)
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- [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/> (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, IAFA/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> (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

| Namespace | Element | Qualifiers | Example DC-dot | Example Picard Tagger |
|-----------|-------------|--|--|--|
| dc | contributor | doap:maintainer doap:developer doap:documenter doap:translator doap:tester | Rachel Heery | developer: LukasLalinsky developer: RobertKaye |
| dc | creator | | Andy Powell | |
| dc | date | dcterms:created dcterms:dateCopyrighted dcterms:modified dcterms:issued | Created: 7 July 1997 | issued: 2006-06-25 |
| dc | description | | Extracts and validates metadata from HTML resources and MS Office files. The generated metadata can be edited using the form provided and converted to | PicardTagger allows you to automatically look up the releases/tracks in your music collection and then write clean metadata tags |



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

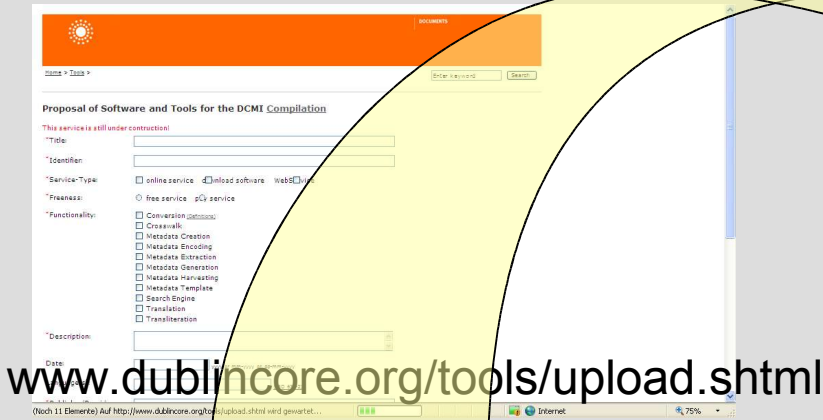
Can refer to either

- conversion between schemas
- conversion of encoding (x/html to xml)

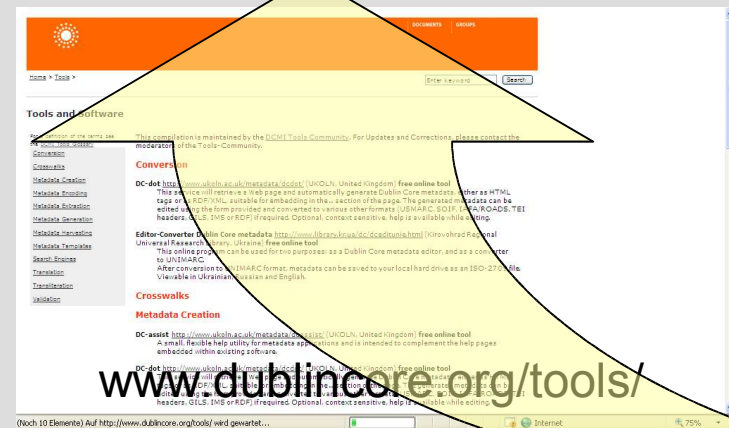
Crosswalk

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



E-Mail with a template for DB-Addition

Moderators

Policy

Tools-DB

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).