

The DCMI Tools Community

Dublin Core – 2007

Singapore

29 August 2007

- Jane Greenberg, School of Information and Library Science (SILS) and the SILS Metadata Research Center <MRC>, University of North Carolina at Chapel
- Thomas Severiens, Institut für wissenschaftliche Information, Universität Osnabrück, Germany

Agenda, August 29, 2007

1. Introduction/s
 - DCMI Tools community & update of year's activity
2. Related communities, (e.g. code4lib...)
 - Corey Harper, Metadata Librarian, New York University)
3. DCMI Tools Community application profile and documentation
 - open discussion and review
 - formal review (Tom Baker, DCMI)
4. Open discussion
5. Action items and agenda for 2007/2008

**DCMI TOOLS COMMUNITY:
Introduction and brief
overview of the year's
activities**

DCMI Tools Community

- ✦ Forum for “individuals” and “organizations” involved in the development and usage of Dublin Core and related metadata tools
 - Facilitate use, development, and communication...
 - Open standards
 - Two user classes: developers and metadata creators
- ✦ URL: <http://www.dublincore.org/groups/tools/>
 - Mailing list, link to “join this community” on the Tool’s Community Website

DCMI Tools Community

➤ Workshops

- JCDL 2006, Chapel Hill ([DOI:10.1045/july2006-greenberg](https://doi.org/10.1045/july2006-greenberg))
- ELPUP 2007, Vienna (<http://info.tuwien.ac.at/elpub2007/presentations/123.pdf>)

➤ 2006/2007 activities

- Documentation [Procedure for approval of proposals by DCMI] (<http://dublincore.org/documents/approval/>)
 - DCMI Tools Application Profile – *semantics*
 - Glossary
 - Policy document for DCMI Tools & Software Webpage

Motivation: Range of applications, need for one-stop shopping for *all* users

INTRODUCTIONS...
....CONTINUED

Related communities

**Corey Harper, Metadata
Librarian, New York
University)**

code4lib, ngc4lib, perl4lib, xml4lib,
oss4lib, etc.

DCMI TOOLS APPLICATION PROFILE

What is a DC Application Profile?

- A DCAM-conformant Application Profile (“DC Application Profile”) is packet of documentation which consists of:
 - Functional requirements (desirable)
 - Domain model (mandatory)
 - Description Set Profile (DSP) (mandatory)
 - Usage guidelines (optional)
 - Encoding syntax guidelines (optional)

DCMI Tools Application Profile

➤ Process

(1) → (2) → (3) → (4)

**namespace
selection**

**element
assessment/
raking**

**element
selection**

documentation

✦ Application profile

17 elements (properties), 9 w/qualifiers

- Dublin Core (12)
- DCTERMS (2)
- DOAP (Description of A Project) (3)

➤ Documentation

App. Profile, Glossary, and Policy

Dublin Core Properties in the DCMI Tools Application Profile

- ✦ Contributor
- ✦ Creator
- ✦ Date
- ✦ Description
- ✦ Identifier
- ✦ Language
- ✦ Publisher
- ✦ Relation
- ✦ Rights
- ✦ Source
- ✦ Title
- ✦ Type

KISS - keep it simple



*Still refining, perhaps
some elements are
not necessary*

Non-DC Elements -Tools App. Profile

Name-space	Property	Qualifier/s and example/s	Notes
dcterms	Audience	Qualifiers: developers, users	Qualifiers need to be defined in the glossary.
dcterms	Rights-Holder	Ex: OCLC	Need more examples.
doap	Location	Ex: U.K. for DC-dot	Is this really needed? ISO-standards for location
doap	Programming language	Ex: Perl, Python	Looking for a controlled vocab. E.g. ACM Class.
doap	Operating system	MAC-OS, Windows	What about hardware-description (e.g., tools, made for mobile devices), is this implied by OS?

DCMI Tools Documentation

- DCMI Tools Metadata Application Profile
<http://www.dublincore.org/groups/tools/map.shtml>
- DCMI Tools Glossary
<http://www.dublincore.org/groups/tools/glossary.shtml>
- DCMI Tools and Software Collection Policy
 - What should the scope be? Only open source?
 - Who should, and how can the policy be maintained?
DCMI Community and Advisory Board meeting on Sat.
ideas welcome !!!
 - Formalization in a policy document, will go through the DC Usage Board

DCMI Tools Glossary Terms

- ✦ Conversion
- ✦ Crosswalk
- ✦ Metadata Creation
- ✦ Derivation
- ✦ Metadata Encoding
- ✦ Metadata Extraction
- ✦ Metadata Generation
- ✦ Metadata Harvesting
- ✦ Metadata Templates
- ✦ Search Engines
- ✦ Translation
- ✦ Transliteration
- ✦ Validation

What should the relationship be between this vocabulary and the DCMI Glossary?

OPEN DISCUSSION ...
Action items and agenda for
2007/2008

Conclusion and Next Steps

- Seeking feedback, ideas..
- Documentation (create Task Force/s)
 - Application profile document, like DCKernel
 - Glossary
 - Policy (scope and maintenance)
- Brainstorm plans to test, *interest evident*
- Explore our relationship w/other communities, e.g. Code4lib, NGC4LIB

Thank you...

DCMI Tools Community:

<http://www.dublincore.org/groups/tools/>

Jane Greenberg, janeg@ils.unc.edu

Thomas Severiens, severiens@mathematik.uni-osnabrueck.de