

# The DCMI Tools Application Profile



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# Overview

- DCMI tools community
- Metadata tools landscape
- DCMI tools application profile
  - Initial steps and status
  - Current version and supporting components
- Conclusions and next steps



# **DCMI TOOLS COMMUNITY**

# 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...

~~ DCMI Tools Community meeting ~~

Tomorrow afternoon, Wed. Aug. 29

Time 16:00-17:30, Room: *Vault!*



# **METADATA TOOLS LANDSCAPE**

# Metadata Application

- Dramatic expansion in interest
- Range of applications
  - ★ Plug-in algorithms
  - ★ Editors, templates, and generators
  - ★ Software applications
  - ★ Social software
  - ★ Taxonomies, vocabulary, and ontology
- Difficulty determining the best application
- Need one-stop shopping



# **DCMI TOOLS APPLICATION PROFILE**

# 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

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

# 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?***



# **CONCLUSIONS & NEXT STEPS**

# Conclusion and Next Steps

- Good feedback from participants at ELPUB, Vienna, June (needs tweaking)
- Seeking Feedback tomorrow (Community meeting ~~ Tomorrow afternoon, 16:00-17:30 Vault!)
  - 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...***