

DCMI, Communities and Task Groups

DC-2009

13 October 2009

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DCMI Mission statement

- Provide simple standards to facilitate the finding, sharing and management of information
 - developing and maintaining international standards for describing resources
 - supporting a worldwide community of users and developers
 - promoting widespread use of Dublin Core solutions



DCMI Principles

- *Open consensus building:*
 - open to all at no cost
- *International scope:*
 - experts from 50+ countries
- *Neutrality of purposes and business models:*
 - public and private sectors
- *Neutrality of technology:*
 - focus on semantics, range of implementation technologies
- *Cross-disciplinary focus:*
 - wide range of domains involved



DCMI Activities

- Developing and maintaining standards and related specifications and guidelines
- Supporting communities and task groups to enable community-driven co-operation sharing experience and discussing common solutions
- Reaching out (Web site, news releases, social media, annual conference)



What is Dublin Core?

➤ “Legacy” usage

- 15 elements Dublin Core Metadata Element Set
- Standardized in ISO 15836 in 2003 (revised 2009)
- Expressed in HTML and XML schema (e.g. OAI)

➤ “Modern” usage – from 2000 onwards

- DCMI Terms: Core vocabulary for Semantic Web/Linked Data
- Abstract Model, Application Profiles, Description Set Profiles
- Expressed in RDF (Resource Description Framework)



Main results 2008-2009

- Independent incorporation as not-for-profit Company limited by Guarantee in Singapore
- Revised criteria for review of Application Profiles
- New version DCMI Conference Paper repository
- Revision international standard ISO 15836:2009
- “Interoperability levels for Dublin Core Metadata”
- “Guidelines for Dublin Core Application Profiles”



Statistics October 2008-September 2009

- Web site dublincore.org
 - > 400,000 visits
 - > 1 million page views
- Mailing lists
 - Growth from 3,650 to 3,850 subscribers on 23 lists
- Social media (since August 2009)
 - Twitter 387 followers, Facebook group 179 members, LinkedIn group 58 members – all growing fast



DCMI Committees and Boards

- DCMI Oversight Committee
 - organizational, financial, strategic oversight
- DCMI Advisory Board
 - technical and strategic advice from community moderators, task group leaders, other experts
- DCMI Usage Board
 - maintenance of the Dublin Core standards and review of community proposals



DCMI supporters

- **DCMI Members:**
 - National Library of Korea, National Library of Finland, National Library Board Singapore, JISC (UK), Gov. Of New Zealand
- **DCMI Partners:**
 - Infocom Corporation (Japan), Fondazione Rinascimento Digitale (Italy)
- **Global community of experts and implementers**



Types of groups

➤ DCMi Communities

- open discussion platforms for people with common interests related to Dublin Core
- Web page, mailing list, occasional meetings

➤ DCMi Task Groups

- small groups with work plans, deliverables and committed participants
- Wiki, mailing list, conference calls, meetings



DCMI Communities

DCMI Work Structure

More information about the operation of the groups listed below can be found in the document describing the [operational aspects of DCMI Work structure: Communities and Task Groups](#).

DCMI Architecture Forum

The objectives of the [Architecture Forum](#) are to discuss and develop a model, strategy and roadmap for the practical deployment of Dublin Core metadata using mainstream Web technologies.

DCMI Communities

DCMI Communities bring together people interested in a specific topic related to Dublin Core metadata or the use of Dublin Core in a particular domain. DCMI Communities are moderated by one or two moderators. They have a Web page on the DCMI Web site and a mailing list for discussion and exchange of information. Participation in a DCMI Community is open for anybody who subscribes to the open mailing list. Information on subscribing to the mailing list can be found on the Community's Web page.

The following DCMI Communities are currently active:

- [DCMI Accessibility Community](#)
- [DCMI Collection Description Community](#)
- [DCMI Education Community](#)
- [DCMI Environment Community](#)
- [DCMI Government Community](#)
- [DCMI Identifiers Community](#)
- [DCMI Kernel Community](#)
- [DCMI Knowledge Management Community](#)
- [DCMI Libraries Community](#)
- [DCMI Localization and Internationalization Community](#)
- [DCMI Preservation Community](#)
- [DCMI Registry Community](#)
- [DCMI Scholarly Communications Community](#)
- [DCMI Science and Metadata Community](#)
- [DCMI Social Tagging Community](#)
- [DCMI Standards Community](#)
- [DCMI Tools Community](#)



DCMI Communities and Task Groups

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DCMI Task Groups

DCMI Task Groups are established around a specific set of activities leading to a set of deliverables. Task groups are led by one or two Task Group leaders and consist of a group of people who commit to help perform the defined tasks. Task Groups may have a Web page, a Wiki and a mailing list. Anybody can ask for participation in a Task Group; the Task Group leaders are responsible for assigning tasks to the members.

The following DCMI Task Groups are currently active:

- [DCMI Agents Task Group](#)
- [DCMI Collection Description Application Profile Task Group](#)
- [DCMI Education Application Profile Task Group](#)
- [DCMI Government Application Profile Task Group](#)
- [DCMI Kernel Task Group](#)
- [DCMI Libraries Application Profile Task Group](#)
- [Joint DCMI/IEEE LTSC Taskforce](#)
- [DCMI/RDA Task Group](#)
- [DCMI Registry Task Group](#)
- [DCMI Translation Task Group](#)



Overview of DCMI groups

➤ Communities

- Function-oriented Communities
- Implementation-oriented Communities
- Domain-oriented Communities

➤ Task Groups

- Application Profile Task Groups
- Special issues Task Groups
- Co-operation Task Groups



Function-oriented Communities

- Accessibility Community
- Collection Description Community
- Identifiers Community
- Localization and Internationalization Community
- Preservation Community
- Social Tagging Community
- Standards Community



Localization & Internationalization Community

- Share information, promote interoperability, discuss issues relating to the use of DC in a variety of languages and cultures
- Cooperation with Registry Community and Translation Task Group
- Community meeting Tuesday 14:00



Standards Community

- Discuss and monitor standardization of Dublin Core nationally and internationally
- Watch over update of “external” versions:
 - ISO 15836:2009 (international standard)
 - NISO Z39.85-2007 (US national standard)
 - IETF RFC 5013 (information for Internet community)
- Ensure liaison with ISO and NISO



Implementation-oriented Communities

- Architecture Forum
- Kernel Metadata Community
- Registry Community
- Tools Community



Architecture Forum

- Discuss and develop a model, strategy and roadmap for the deployment of Dublin Core metadata using mainstream Web technologies
- Sample activities:
 - XHTML, XML and RDF implementation guidelines
 - “Interoperability levels for Dublin Core metadata”
 - Application Profile “design patterns”
 - DCMI Abstract Model and Description Set Profiles



Domain-oriented Communities

- Education Community
- Environment Community
- Government Community
- Knowledge Management Community
- Libraries Community
- Scholarly Communication Community
- Science and Metadata Community



Education Community

- Discuss implementation of Dublin Core and other learning resource metadata in the education domain, promote interoperability within the domain through the use of standard metadata and consensus on good practices
- Task Group for development of Application Profile



Libraries Community

- Discuss use of Dublin Core metadata in a library context, encourage best practice, discuss issues related to the DC Library Application Profile
- Task Group for development of Application Profile
- Following developments around RDA
- Planning survey about microformats in libraries
- Community meeting Wednesday 14:00-17:00



Scholarly Communications Community

- Discuss use of Dublin Core to describe scholarly communications
 - research papers, but also images, datasets, time-based media...
 - includes Scholarly Works AP and other profiles
- Related workshops @ DC-2009:
 - Agile development Wednesday 16:00-17:00
 - SWAP update Thursday 14:30



Application Profile Task Groups

- Collection Description Application Profile Task Group
- Education Application Profile Task Group
- Government Application Profile Task Group
- Kernel Metadata Task Group
- Libraries Application Profile Task Group



Education Application Profile Task Group

- Develop “modular” AP to support interoperable description of educational aspects, using Dublin Core and other educational properties, e.g. from IEEE Learning Object Metadata (LOM)
- Gathered requirements from 49 activities, now drafting generic requirements based on survey
- Will continue work on specification of Description Set Profile and Usage Guidelines



Special issues Task Groups

- Agents Task Group
- Glossary Task Group
- Registry Task Group
- Translations Task Group



Registry Task Group

- Develop functional requirements and use cases for current registries and inter-registry transfer
- Planned activities:
 - test use cases with basic inter-registry transfer tools
 - explore ideas for future scenarios
 - consider relevance of SKOS and other standards
 - develop a registry of registries
- Community meeting Thursday 14:00-16:00



Translation Task Group

- Establish guidelines and best practice for translators of DCMI documents
- Planned activities:
 - develop scope of guidelines
 - compile draft documentation including prioritization of DCMI documents to be translated
 - conduct community review of draft guidelines
 - collect issues, questions, case studies, good practice



Co-operation Task Groups

- DCMI/IEEE Task Force
- DCMI/RDA Task Group



DCMI/IEEE Task Force

- Develop joint specifications harmonizing Dublin Core and IEEE Learning Object Metadata (LOM)
- Published complete draft on TG Wiki (Dec. 08)
- Planned activities:
 - Prepare draft for formal ballot in IEEE in 2009
 - Extract RDF vocabulary from draft for ballot
 - Synchronize with DCMI process, resolve ballot comments and prepare final publication



DCMI/RDA Task Group

- Define components of draft "RDA - Resource Description and Access" as an RDF vocabulary, develop Dublin Core Application Profile
- Completed registration of most RDA element sets and vocabularies have been registered
- Will work on translations, Application Profile
- Liaise with IFLA concerning FRBR



What's next

- DCMI Advisory Board meeting on 17 October to discuss progress and agree work plans for Task Groups
- Taking into account your comments and suggestions at DC-2009
- Inviting you to join Communities and Workshop meetings

Enjoy!