

Report of the Dublin Core Maintenance Agency April 2007 to April 2008 to ISO TC46/SC4 meeting May 2008

11 April 2008

The Dublin Core Metadata Initiative (DCMI) is an open forum engaged in the development of interoperable online metadata standards that support a broad range of purposes and business models. DCMI's activities include consensus-driven working groups, global conferences and workshops, standards liaison, and educational efforts to promote widespread acceptance of metadata standards and practices. DCMI is maintenance agency for *ISO 15836:2003 Information and documentation - The Dublin Core metadata element set* and for *ANSI/NISO Z39.85 - 2007 The Dublin Core Metadata Element Set*.

Originally, the main focus of attention of DCMI was the development of standards based on the initial vision of providing a basic approach to discovery of Web resources. In recent years, the attention has turned towards meeting the practical needs of organizations developing and deploying metadata solutions to provide services and products to their clients and customers.

Update of the standard

The ISO 15836 is an adoption of *ANSI/NISO Z39.85, The Dublin Core Metadata Element Set*, which in middle of 2007 has been gone through a five year review process and is published *The Dublin Core Metadata Element Set* has been published as *ANSI/NISO Z39.85-2007*.

The revision was prepared by the Usage Board of DCMI. The changes were done to clarify intended semantics and to bring the wording of the definitions and usage comments into line with the language of the DCMI Abstract Model.

At the meeting 9 May 2007 of ISO TC46/SC4 this resolution was approved by all participants: *SC4 resolves that ISO15836 is revised to undergo a minor revision to align it with ANSI/NISO Z39.85 The Dublin Core Metadata Element Set and be submitted for FDIS vote*. After final approval by ANSI of Z39.85 the Maintenance Agency has reviewed the updated document for the SC4 secretariat and the SC4 secretariat has sent this to ISO.

Conferences

Since last TC46/SC4 meeting DC-2007 "Application Profiles: Theory and Practice" was held in Singapore hosted by National Library Board attracting 190 participants from 33 countries.

The annual conference DC-2008 "Metadata for Semantic and Social Applications" will be held in Berlin, Germany from 22 through 26 September 2008 and hosted by Competence Centre for Interoperable Metadata, Max Planck Digital Library, Göttingen State and University Library, German National Library and Humboldt Universität zu Berlin.

Development and recommendations

ISO 15836 The Dublin Core Metadata Element Set is the core of a much richer set of recommendations and activities metadata interoperability.

Following Public Comment and extensive discussion in the Usage Board in 2007, a set of updates to DCMI Metadata Terms was published on 14 January 2008:

- final versions of "Revisions to DCMI Metadata Terms" and "Domains and Ranges for DCMI Properties"
- RDF schemas and Web documents reflecting the above changes

The specification "Expressing Dublin Core metadata using the Resource Description Framework (RDF)", advanced same date to the status of DCMI Recommendation.

The *Singapore Framework for Dublin Core Application Profiles* was presented at DC-2007. This is a framework for designing metadata applications for maximum interoperability and for documenting such applications for maximum reusability. The framework defines a set of descriptive components that are necessary or useful for documenting an Application Profile and describes how these documentary standards relate to standard domain models and Semantic Web foundation standards. The framework is still under development and forms a basis for reviewing Application Profiles for documentary completeness and for conformance with Web-architectural principles.

Leif Andresen

Dublin Core Metadata Initiative (DCMI)

Maintenance Agency for ISO 15836 The Dublin Core Metadata Element Set