

Project Title: DCMI Drupal Website

Contact:

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Project Description:

The Dublin Core Metadata Initiative (DCMI) is a non-profit organization incorporated in Singapore with a global membership of metadata researchers and practitioners. This project will involve a team of 2-3 students developing and documenting a Drupal-based website design and prototype for the initiative to replace (and greatly enhance) its current website.[1]

DCMI is a consensus-driven organization whose general activities consist of:

1. Publishing news and announcements of relevant activities from across the metadata ecology including their automatic dissemination through RSS and social media outlets;
2. Creating and maintaining specifications and best-practice documentation for the design and use of metadata schemas and schemes including its signature Dublin Core Terms namespace [2] and ISO Standard 15836:2009 [3];
3. Maintaining the web presence for a range of DCMI interest “communities” with concerns that span the metadata ecology and with functional needs including community-managed document publication and maintenance, community-level blogs/forums as well as feed aggregation, events calendaring, and video/screencast support for best practice resources;
4. Maintaining an education program for professional development and training in metadata design and practice including access to videos/screencasts, practice documentation/specifications, and event calendaring;
5. Supporting DCMI liaison relationships with relevant national, international and organizational standards bodies and DCMI-wide reporting of liaison outcomes;
6. Maintaining a program of publication of conference proceedings, an occasional paper series, etc. (using Open Journal System [4]); and
7. Maintaining a program of international and regional meetings and conferences including the annual *International Conference on Dublin Core and Metadata Applications* (using Open Conference System [5]).

DCMI seeks to develop a website that supports its activities and community interactions using the open source content management system Drupal.

The project will engage the students in initial needs assessment and the implementation of a functional prototype of a new website. In general, the prototype will demonstrate all of the necessary functionality of a complete solution to support current and projected DCMI website needs. Specifically, the prototype will include: (1) definition of user roles and permissions; (2) process workflows; (3) definition and implementation of community work and communication spaces; and (4) mechanisms for integrating and leveraging social media at all levels from individual DCMI communities to site-level in support of its “Metadata Ecology Watch”. The documented prototype will develop the necessary functionality for 2-3 existing DCMI “communities” that can be easily replicated across all current and future DCMI communities.

- [1] <http://dublincore.org/>
- [2] <http://dublincore.org/documents/dcmi-terms/>
- [3] <http://dublincore.org/documents/dces/>
- [4] <http://dcpapers.dublincore.org/ojs/pubs>
- [5] <http://dcevents.dublincore.org/index.php/IntConf/dc-2011/>