

DC-SRAP: Metadata Application Profile for Academic Repositories

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Abstract

Dublin Core metadata is commonly used for the description of doctoral dissertations, Master's theses, article preprints, technical reports and other resources created in institutions of higher education such as universities and polytechnics, for storing and making them available via their institutional repositories. DC Metadata Terms do not contain all core metadata elements required for the description of these materials. Therefore many local extensions to Dublin Core have been created, on national, regional and institutional levels.

In order to make Dublin Core better suited for the description of scholarly works, the Scholarly Resources Application Profile (SRAP) is being developed in a DCMI working group. The application profile will include guidance and examples of how to use Dublin Core, along with other metadata vocabularies such as BIBO, to describe scholarly resources. The working group will also propose additions to Dublin Core Terms to better match the requirements of metadata for scholarly resources.

The poster will present the current draft of the SRAP profile and how to apply it for different types of scholarly documents. When completed, SRAP will improve the interoperability, discoverability and transparency of academic institutional repositories. Parts of SRAP may be applied also to other types of repositories.

Keywords

metadata, Dublin Core, scholarly resources, academic repositories

Audience

The work is most relevant for repository managers and the metadata specialists who are in charge of the metadata schemes and practices used in the repositories.

Proposal (no longer than 1 page)

The poster will cover:

- The motivation for SRAP: what is missing in current Dublin Core Terms [DCTERMS] metadata from the perspective of academic repositories, heterogeneity in metadata schemes
- Which institutions are involved, including Dublin Core Metadata Initiative (DCMI), the National Library of Finland, the British Library and the University of Edinburgh
- Use cases for metadata about scholarly resources, e.g. discovery, findability, aggregation, harvesting, statistics about publications
- A visual overview of SRAP, in the form of tables and diagrams showing the core metadata elements and the data model
- Examples of applying SRAP metadata for different types of documents, e.g. Master's and doctoral theses, journal and conference articles, preprints, technical reports, academic presentations. The examples will be given in different syntaxes (RDF/Turtle, DC-XML) and, space permitting, using diagrams to visualize the data
- The current status of SRAP. It has been in development since 2021 in the DC-SRAP working group [DC-SRAP] and is expected to be ready for wider review by the time of the OR2024 conference.

The poster will be of interest because many academic institutional repositories have the same types of challenges applying Dublin Core metadata for scholarly resources. It will also allow the SRAP representatives presenting the poster to get a better picture of how SRAP is received within the repository community, so that we can adjust our work accordingly.

A visual presentation will help us show both an overview of SRAP as a metadata model as well as details for those with a more in-depth interest. The poster format allows much better explanation of the details of a metadata model than a slide presentation. We will of course provide a one-slide overview as well for the teaser session.

References, if applicable

[DC-SRAP]: DC-SRAP working group on GitHub. <https://github.com/dcmi/dc-srap/>

[DCTERMS]: DCMI Metadata Terms.
<https://www.dublincore.org/specifications/dublin-core/dcmi-terms/>