

Dublin Core Scholarly Resources Application Profile (SRAP)

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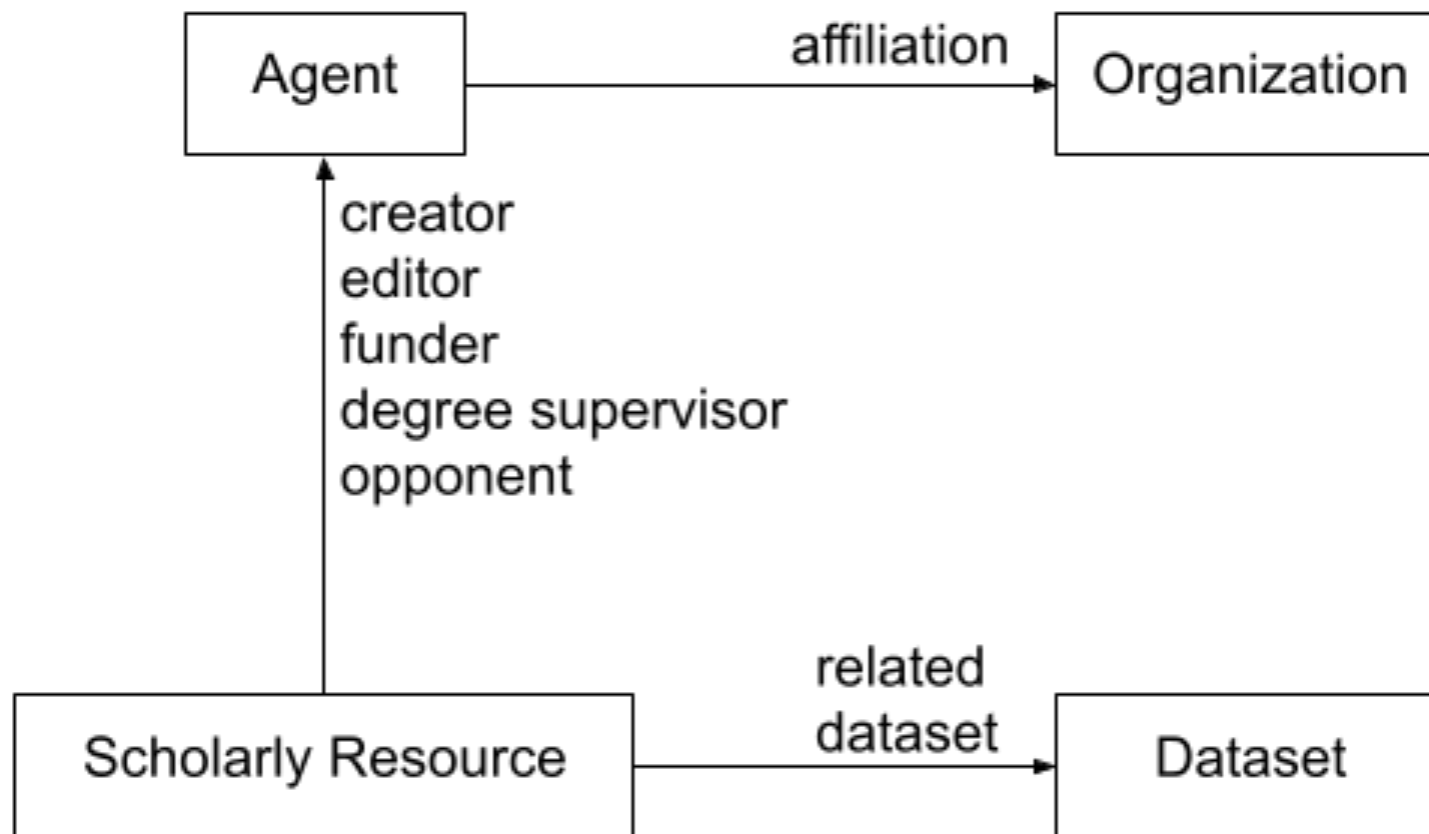
The problem

- Dublin Core is commonly used in institutional repositories in higher education.
- Alas, on its own, Dublin Core is not enough for describing scholarly resources such as dissertations, theses, and open access scientific articles.
- As a result:
 - Many unofficial extensions to Dublin Core, and duplicate effort to develop and maintain them.
 - Repository applications, such as DSpace, Eprints, Fedora and Islandora, do not support these extensions out of the box.
 - Semantic interoperability of metadata based on these extensions may be reduced.

Scholarly Works Application Profile

- Enable simple description of theses, dissertations, and scientific articles in Dublin Core –based institutional repositories.
- Extend DCMI Metadata Terms where necessary to fill gaps.
- (Note: Description of research datasets is a separate issue due to its complexity.)

SRAP domain model



Suggested new generic elements

- Affiliation
- Editor
- Embargo Date Range
- Funder
- Metadata Source
- Presented At
- Related Dataset
- Related Publication

Suggested new SRAP-specific elements

- Creator Group
- Degree Supervisor
- Grant Number
- Opponent
- Publication Status
 - This element will use the COAR (Confederation of Open Access Repositories) Version Types vocabulary (https://vocabularies.coar-repositories.org/version_types/) and "post mortem" statuses revised, retracted and lost
 - SRAP working group has suggested adding of these statuses to the COAR vocabulary

Element refinements

- Access rights
 - For scholarly resources, the recommended practice will be to use the COAR Access Rights vocabulary (http://vocabularies.coar-repositories.org/documentation/access_rights/).
 - Open access, Embargoed access, Restricted access and Metadata only access.
- Type
 - For scholarly resources, the recommended practice will be to use the COAR Resource Types vocabulary (https://vocabularies.coar-repositories.org/resource_types/)

Profile development process

- DC SRAP Working Group, established by the DCMI Governing Board, is drafting a revised version of the SRAP proposal
 - All materials produced by the WG are available at <https://github.com/dcmi/dc-srap>
- Once the working group has finished its task, DCMI Usage Board will review the profile and proposed terms
- Parallel to the WG activities, DCMI is specifying rules for the application profile development process, in order to encourage creation of new DC application profiles in the future

Summary

- DCMI Governing Board fosters creation of application profiles by specifying a process via which new profiles will be approved in the future
- Approval of terms related to SRAP (and possibly additional terms from other profiles to be developed in the future) provides a pathway for the controlled expansion of DCMI Metadata Terms