

Survey on Improving Metadata Support in DSpace

At the request of the DSpace Committers and Developers, the DSpace Community Advisory Team (DCAT) has begun an effort to build a community consensus on improving the metadata support in upcoming DSpace releases. Because there are many different issues, both from an organizational/policy perspective, as well from a code development perspective, we ask for your input to help clarify the priority and focus.

In this brief survey we are interested in identifying which challenges could and should be tackled first. Please do your best to indicate the highest priority level issues for your organization, recognizing that if everything is a priority then there may not be a clear starting point. So even if all of these issues are very important to you, please try to focus on which ones would make your life or the lives of your users and management significantly easier.

Of course, improvements to metadata support in DSpace can move along faster the more people we have working on the effort. Included in the survey are questions regarding whether you or your organization are willing to contribute time towards the effort, either as a repository manager (as a subject matter expert) or as a developer. We welcome all help, even if it is just to review the progress and provide feedback.

We estimate the survey will take less than 10 minutes. Thank you in advance for sharing your time and experience with us.

-The DSpace Community Advisory Team

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1. What information or data about your institution's digital content/resources do you need to capture in your metadata?

- ☐ Bibliographic data
- ☐ Citation information
- ☐ Descriptions for a variety of digital content types (e.g. videos, images)
- ☐ Preservation information
- ☐ Provenance information
- ☐ Rights information
- ☐ Contextual information or research methods detail (e.g. relevant for research data)

Other (please specify)

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*2. Which metadata schemas should DSpace support out-of-the-box? Please indicate the level of priority for your organization.

	Vital	Very Important	Less Important	Not Important
Dublin Core (compliant)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Highwire press for citations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BIBO	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CERIF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MODS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ETD-MS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
OpenURL ContextObject	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PREMIS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PRISM	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
REDIF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RIS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TEI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

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3. What type of metadata schemas support should be included in DSpace? If a specific schema is NOT important to you, please leave all columns blank.

	Using as internal storage schema	Support for ingest	Support for export
Dublin Core (compliant)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Highwire press for citations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BIBO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CERIF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MODS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ETD-MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OpenURL ContextObject	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PREMIS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRISM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
REDIF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RIS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other (please specify)

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~Updating the Qualified Dublin Core registry in DSpace to the latest standards of the DCMI~

The Qualified Dublin Core registry in DSpace has not been updated for 8 years. Standardization would help compatibility with other systems and benefit from information gathered by the DCMI community (related links: <https://jira.duraspace.org/browse/DS-805> <https://jira.duraspace.org/browse/DS-433>).

4. Is it a priority for you or your organization to update the Qualified Dublin Core registry in DSpace to the latest standards of the DCMI?

- ☐ Yes
- ☐ No
- ☐ Maybe
- ☐ Not Sure

Other (please specify)

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5. Would you or your organization be willing to contribute time to work on updating the Qualified Dublin Core registry in DSpace to the latest standards of the DCMI?

- ☐ Yes, both development time and repository manager (subject matter expert) time
- ☐ Yes, developer time
- ☐ Yes, repository manager time (subject matter expert)
- ☐ No, we don't have time to contribute
- ☐ No, we don't have the qualifications/expertise to contribute

Other (please specify)

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~Enhanced Metadata for Communities, Collections and Files (bitstreams)~

Unlike DSpace Items, DSpace Collections, DSpace Communities and DSpace Files (bitstreams) currently do not have Dublin Core metadata associated with them, making the available descriptions much less granular.

6. Is it a priority for you or your organization to have enhanced metadata for Communities, Collections and/or individual Files (bitstreams)?

- ☐ Yes
- ☐ No
- ☐ Maybe
- ☐ Not Sure

Other (please specify)

7. Would you or your organization be willing to contribute time to work on enhancing the metadata available for Communities, Collections and Files (bitstreams)?

- ☐ Yes, both development time and repository manager (subject matter expert) time
- ☐ Yes, developer time
- ☐ Yes, repository manager time (subject matter expert)
- ☐ No, we don't have time to contribute
- ☐ No, we don't have the qualifications/expertise to contribute

Other (please specify)

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~Add metadata authority controls/vocabularies to the data model~

Although you can manage the metadata scheme in the DSpace data model, there is little out-of-the-box support for vocabularies (like DCMI Type) and encoding schemata.

8. Is it a priority for you or your organization to add metadata authority controls/vocabularies to the data model?

- ☐ Yes
- ☐ No
- ☐ Maybe
- ☐ Not Sure

Other (please specify)

9. Would you or your organization be willing to contribute time to work on adding metadata authority controls/vocabularies to the data model?

- ☐ Yes, both development time and repository manager (subject matter expert) time
- ☐ Yes, developer time
- ☐ Yes, repository manager time (subject matter expert)
- ☐ No, we don't have time to contribute
- ☐ No, we don't have the qualifications/expertise to contribute

Other (please specify)

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~Standardize the default namespaces~

Instead of creating a customized metadata schema, some DSpace repository managers edit the default registry, effectively breaking compliance with the standard Dublin Core. We are curious to know if the namespace is complete in the default registry whether it should be editable. If it were not editable, it would allow for easier migrations/updates of the standard namespace in the future and would enable institutions to keep better track of their own customizations to the metadata schema.

10. Is it a priority for you or your organization to have a standardized default namespace?

- ☐ Yes
- ☐ No
- ☐ Maybe
- ☐ Not Sure

Other (please specify)

11. Would you or your organization be willing to contribute time to work on standardizing the default namespace?

- ☐ Yes, both development time and repository manager (subject matter expert) time
- ☐ Yes, developer time
- ☐ Yes, repository manager time (subject matter expert)
- ☐ No, we don't have time to contribute
- ☐ No, we don't have the qualifications/expertise to contribute

Other (please specify)

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Instead of creating a custom metadata schema, DSpace repository managers often edit the default registry, effectively breaking compliance with the standard Dublin Core schema. Suppose that the standard DSpace schema is fully compliant with recent DCMI standards. In this situation, would you be in favor of including safety measures to prevent repository managers breaking compliance? Although it should still remain as easy as possible to create a new schema, the default, standardized schema would become less easy to modify in a way that it breaks compliance.

12. Are you in favor of safety measures in the user interface that prevent breaking Dublin Core compliance while using the default DSpace registry?

- ☐ Yes
- ☐ No
- ☐ Not Sure
- ☐ Maybe

13. Would your organization be willing to contribute time to work on safety measures that prevent breaking compliance while using the default DSpace registry?

- ☐ Yes, both development time and repository manager (subject matter expert) time
- ☐ Yes, developer time
- ☐ Yes, repository manager time (subject matter expert)
- ☐ No, we don't have time to contribute
- ☐ No, we don't have the qualifications/expertise to contribute

Other (please specify)

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~Move metadata related configurations from dspace.cfg to the database~

There are currently no verifications or safeties when editing/removing metadata fields in your schemas that are used in dspace.cfg for configuring browse parameters, search indexes, visibility (on simple and full item view). If this functionality was moved to the database, not only would it create a webUI config and hints, it would also provide improved accessibility for the repository managers.

14. Is it a priority for you or your organization to move metadata related configurations from dspace.cfg to the database?

- ☐ Yes
- ☐ No
- ☐ Maybe
- ☐ Not Sure

Other (please specify)

15. Would you or your organization be willing to contribute time to work on moving metadata related configurations from dspace.cfg to the database?

- ☐ Yes, both development time and repository manager (subject matter expert) time
- ☐ Yes, developer time
- ☐ Yes, repository manager time (subject matter expert)
- ☐ No, we don't have time to contribute
- ☐ No, we don't have the qualifications/expertise to contribute

Other (please specify)

16. Do you have any other suggestions for improving metadata support in DSpace not covered by the questions in this survey?

17. Please leave your name and email if you would be willing to be contacted for further information on your survey responses, news about DSpace metadata support or requests for collaboration.

Name:

Email Address: