Foundations of Enhanced Metadata Support for DSpace

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Background / Context

- DuraSpace DSpace Community Advisory Team (DCAT) community survey

- DCAT proposal on DuraSpace Wiki
  http://bit.ly/11dx7NT
DCAT Proposal

- Phased implementation
- Ultimate goals:
  - DCTERMS as default metadata schema
  - Support for hierarchical metadata
Enhanced Metadata Support for DSpace

DCAT Proposal Phases

• Phase 1
  • Update default DC schema
  • Lockdown DC elements in User Interface
  • Add DCTERMS, Local, and DSpace Admin schemas
DCAT Proposal Phases

• Phase 2
  • DCTERMS default metadata schema
  • Deprecate current “DC” schema to “QDC”
  • Reconfigure “DC” to just fifteen DC elements
DCAT Proposal Phases

• Phase 3
  • DCTERMS fully functional
  • QDC no longer included with default registry
Example Scenario – Phase 1

Metadata Schema: "dc"

Move metadata fields

Select a target schema where these fields will be moved. If the target schema already has fields with identical names the fields will not be moved.

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>dc.degree.discipline</td>
</tr>
<tr>
<td>91</td>
<td>dc.degree.grantor</td>
</tr>
<tr>
<td>88</td>
<td>dc.degree.level</td>
</tr>
<tr>
<td>89</td>
<td>dc.degree.name</td>
</tr>
</tbody>
</table>

Move to schema: http://www.ndltd.org/standards/thesis

Metadata Schema: "thesis"

Schema metadata fields

<table>
<thead>
<tr>
<th>ID</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>thesis.degree.discipline</td>
</tr>
<tr>
<td>91</td>
<td>thesis.degree.grantor</td>
</tr>
<tr>
<td>88</td>
<td>thesis.degree.level</td>
</tr>
<tr>
<td>89</td>
<td>thesis.degree.name</td>
</tr>
</tbody>
</table>
Example Scenario – Phase 1

Metadata Schema: "dc"

This is the metadata schema for "http://dublincore.org/documents/dcmi-terms/". You may add metadata fields to this schema. Fields may also be selected for deletion or be moved to another schema.

Field Name:
- dc . identifier
- dc . citation

Scope Note:
Additional notes about this metadata field.
- Human-readable, standard bibliographic citation of non-DSpace format of this item
Example Scenarios – Phase 1

dc.description.provenance
  » dspace.provenance

dc.digitization.specification
  » local.digitization.specification
Community Input Needed

- Goals for metadata enhancement
- Phasing proposed
- Mapping/moving to different schemas
- Standardization and validation
Community Discussion
Questions/Comments/Feedback

http://bit.ly/11dx7NT
Thank You

DSpace Community Advisory Team
Metadata Enhancement Working Group
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