Square [metadata] Pegs and Round [repository] Holes: Making Metadata Work

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Quick Introduction

Like many libraries, have different areas of specialties

- University Archives
- Digital Collections: Institutional Repository
- Database and Metadata Management Librarian: In Catalog department
- The Wittliff Collections
Specialties Provide Diversity

- **Strength:** Expertise from different specialties
- **Challenge:** May have differing ideas/needs in regards to metadata fields

[Images of ead, RDA, MARC, and Dublin Core logos]
Exploration of Our Digital Ecosystem

What are the digital tools that use metadata?

- DSpace (Digital Collections)
- Vireo (Open source ETD system)
- Omeka (Exhibits/website)
- Dataverse (Data Repository)
- Homegrown system for *San Marcos Daily Record* Digital Photographs
- MediaFlo (Ensemble Video Platform)
Narrowing focus

Photo by Steven Wright on Unsplash
Why Standardize?

- Consistency across collections
- Better retrieval in native interface and external platforms (discovery layer)
- Easier metadata assignment to benefit existing & future staff
- Better integration with aggregators (DPLA)
- Help with future migration
Digital Software Constraints

- Legacy fields (*txstate.documenttype* facet)
  - Initially hosted in bepress (Digital Commons)
  - Migrated to DSpace in 2011

- DSpace-flavor Dublin Core not as flexible
  - Linked data only a distant dream
  - Limitations of vendor Atmire (cannot facet *dc.creator*)

- Metadata decisions often based on visibility/functionality of element (for user)
Not All Pegs Created Same Size

- **dc.contributor.author** (thesis) versus **dc.creator** (archival collection)
  - Example: Using both fields now in archives/special collections

- **dc.date.issued** versus **dc.date.created**
  - Formatting issue (e.g., circa, date range display, etc.)
  - Extended Date and Time Format (EDTF)
Workflows: Spreadsheet Showing Fields Used

- Batch metadata export to view existing metadata
- Comparison across collections
- Identifying gaps and variations
  - Come to consensus
  - Define

<table>
<thead>
<tr>
<th>Dates (from 1/29/19 data)</th>
<th>Archives</th>
<th>Wittliff</th>
<th>Depts, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>dc.date.available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>dc.date.accessioned</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>dc.date.copyright</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>dc.date.created</td>
<td>290</td>
<td>306</td>
<td>671</td>
</tr>
<tr>
<td>dc.date.issued</td>
<td>799</td>
<td>787</td>
<td>3914</td>
</tr>
<tr>
<td>dc.date.submitted</td>
<td>1</td>
<td>0</td>
<td>1881</td>
</tr>
<tr>
<td></td>
<td>Field</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>dc.date.accessioned</td>
<td>DO NOT DELETE or EDIT. System generated date the item was submitted to DSpace.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>dc.date.available</td>
<td>DO NOT DELETE or EDIT. System generated date the item became available in DSpace</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>dc.date.copyright</td>
<td>NOT USED.</td>
<td></td>
</tr>
</tbody>
</table>
| 14| dc.date.created    | Date created entered according to DACS standards.  
https://www2.archivists.org/standards/DACS/part_1/chapter_2/4_date |
| 15| dc.date.issued     | FACETED. Date of publication or distribution. Use EDTF standard (YYYY-MM-DD). NOTE: If using another format, include the year (YYYY) here "dc.date.issued" for faceting and include other date format in "dc.date.created". |
### Documentation (Metadata Application Profile)

<table>
<thead>
<tr>
<th>Field</th>
<th>Scope Note</th>
<th>How to Use</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>dc.date.accessioned</td>
<td>Date the item was submitted to DSpace.</td>
<td>System generated, do not delete or edit.</td>
<td>2015-01-30T16:44:04Z</td>
</tr>
<tr>
<td>dc.date.available</td>
<td>Date or date range item became available in DSpace.</td>
<td>System generated, do not delete or edit.</td>
<td>2015-10-01T18:33:51Z</td>
</tr>
<tr>
<td>dc.date.copyright</td>
<td>Field is not used.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dc.date.created</td>
<td>Date created entered according to DACS standards.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dc.date.issued</td>
<td>Date of publication or distribution. Use EDTF standard (YYYY-MM-DD). Note: If using another format, include the year (YYYY) here for faceting purposes and include other date format in dc.date.created.</td>
<td>YYYY-MM-DD W: Use machine readable version</td>
<td>2017-12-17</td>
</tr>
<tr>
<td>dc.date.submitted*</td>
<td>Used primarily for theses or dissertations historically, but no longer needed. *Theses and Dissertations.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dc.date.updated</td>
<td>The last time the item was updated via the SWORD interface; Not used &amp; often deleted.</td>
<td>System generated, do not delete or edit.</td>
<td>2012-07-17T17:32:58Z</td>
</tr>
<tr>
<td>dc.date.withdrawn</td>
<td>Field is not used; Records the date a record was withdrawn.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dc.date</td>
<td>Field is not used. Use a qualified form if possible (e.g., dc.date.issued).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Next Steps

- Rights management
- FINISH documentation!
- Implement going forward and retroactively

Photo by Lindsay Henwood on Unsplash
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Questions?