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Establishing an Electronic Theses Repository using Digital Commons

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Establishing an Electronic Theses Repository using Digital Commons

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University of Nebraska - Omaha

November 4th, 2016
Agendas

- Introduction
- Advantages and disadvantages of Bepress DC and CDM
- ETD Workflows - PSU, FHSU, (UNO)
- Conclusion
Institutional Need for an IR

What is an IR?

▪ Collecting, preserving & disseminating scholarship
▪ Publish & showcase institutional scholarship

Role of an IR

▪ Manage open access to digital content produced by the university
▪ Encourages knowledge sharing
▪ Permits quick and easy dissemination of scholarship across institutions
Pittsburg State University

▪ CONTENTdm
▪ Launched Digital Commons September 2015 & Announced December 2015

Fort Hays State University

▪ CONTENTdm
▪ Launched Digital Commons December 2015 & Announced January 2016
Why Digital Commons?

Digital Commons
Dspace
Eprints
Fedora
Islandora
...

Positive Benefits
- Customer support
- Intuitive interface
- Cloud-based
- Preservation – LOCKSS
- Unlimited storage
- Usage reports
<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>CONTENTdm</th>
<th>Bepress DC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Open Source/Proprietary</strong></td>
<td>Proprietary</td>
<td>Proprietary</td>
</tr>
<tr>
<td><strong>Software or Hosted Service</strong></td>
<td>Hosted Service</td>
<td>Hosted Service</td>
</tr>
<tr>
<td><strong>Support Available</strong></td>
<td>YES – via CDM</td>
<td>YES – via Bepress (email, phone, resources, and community support)</td>
</tr>
<tr>
<td><strong>Content File Formats</strong></td>
<td>Some</td>
<td>All</td>
</tr>
<tr>
<td><strong>Metadata Standard</strong></td>
<td>Simple and Qualified Dublin Core and customizable metadata</td>
<td>Simple and Qualified Dublin Core and customizable metadata</td>
</tr>
<tr>
<td><strong>Syndication (RSS, etc.)</strong></td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Statistical Reporting</strong></td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Design Rationale for IR – Flexibility</strong></td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Design Rationale for IR – Accessibility</strong></td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Design Rationale for IR – Interoperability (OAI-PMH)</strong></td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Implementation Technologies (Scripting language, Database, Operating System)</strong></td>
<td>N/A: hosted (System requirements: Linux/Windows)</td>
<td>N/A: hosted</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>YES, but costs $ over 196,000 items</td>
<td>NO (unlimited storage)</td>
</tr>
<tr>
<td><strong>Batch processing</strong></td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Journal Publishing</strong></td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>
Why ETD?

Electronic Thesis and Dissertation

Benefits of ETDs for both students and institutions

✓ Improve access to scholarly research
✓ Free publicity for their research
✓ Reduced costs for the students
Library

Digital Commons

ETD Partnership

Graduate School

ProQuest
Current ETD Workflow at PSU

Student registers & submits their committee members to the Office of Graduate & Continuing Studies into the GUS system

Student attends a required workshop to create an account in Digital Commons & learn about the submission & review process

Student submits draft of thesis as a word .docx, adds metadata required by the system, and adds any supplemental files

Metadata:
- Title
- Abstract
- Committee
- Degree Name
- Department
- Date of Award
- Keywords
- Subject Categories

Graduate office assigns the reviewers indicated in GUS & submits revision decision letter.
Review Workflow at PSU

1. System generates an email to all persons associated with the thesis.
2. Student makes revisions based on feedback from the Graduate College & committee members.
3. Student uploads revised theses.
Review Workflow at PSU

• All committee members must register a decision in order for the thesis to be made available online
• Embargos:
  • Administrative note is added
  • Thesis is Locked by the Administrator
  • Max embargo is 3 years
• Graduate & Continuing Studies emails me to let me know that theses are ready to be made available in the system
Current ETD Workflow at FHSU

The student submits his/her thesis with a signed digital repository publishing agreement form to the Library via the Graduate School Office.

The thesis is published in CONTENTdm.
Theses Migration: CONTENTdm – Bepress DC at FHSU

**STEP 1**
Administration
Export metadata as a tab delimited file from CONTENTdm.

**STEP 2**
Configuration
Download the spreadsheet through the Batch Upload Excel function

**STEP 3**
Complete the spreadsheet with the metadata from CONTENTdm
Upload thesis materials from FHSU-NAS (Network-attached Storage), which functions for preserving CONTENTdm materials, to the campus proxy server.
The "fulltext_url" field → the server URL

Upload the spreadsheet

Proxy Server

Bepress DC

STEP 5

STEP 6

STEP 7
The student electronically uploads his/her thesis and metadata to Bepress DC by accessing the submission function on the website.

The Graduate School Office approves through the Bepress DC system.

The Thesis is published in Bepress DC.
Current ETD Workflow at UNO

Library → ProQuest

Graduate School

$$$

Digital Commons @UNO

the Student
Conclusion

Library

collaboration

Graduate School

Digital Commons
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