Establishing an Electronic Theses Repository using Digital Commons

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**Recommended Citation**  
White, Deborah L. and Ohira, Yumi, "Establishing an Electronic Theses Repository using Digital Commons" (2016). Criss Library Faculty Proceedings & Presentations. 72.  
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Establishing an Electronic Theses Repository using Digital Commons

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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?

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>Open Source/Proprietary</td>
<td>Proprietary</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Software or Hosted Service</td>
<td>Hosted Service</td>
<td>Hosted Service</td>
</tr>
<tr>
<td>Support Available</td>
<td>YES – via CDM</td>
<td>YES – via Bepress (email, phone, resources, and community support)</td>
</tr>
<tr>
<td>Content File Formats</td>
<td>Some</td>
<td>All</td>
</tr>
<tr>
<td>Metadata Standard</td>
<td>Simple and Qualified Dublin Core and customizable metadata</td>
<td>Simple and Qualified Dublin Core and customizable metadata</td>
</tr>
<tr>
<td>Syndication (RSS, etc.)</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Statistical Reporting</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Design Rationale for IR – Flexibility</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Design Rationale for IR – Accessibility</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Design Rationale for IR – Interoperability (OAI-PMH)</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Implementation Technologies (Scripting language, Database, Operating System)</td>
<td>N/A: hosted (System requirements: Linux/Windows)</td>
<td>N/A: hosted</td>
</tr>
<tr>
<td>Storage</td>
<td>YES, but costs $ over 196,000 items</td>
<td>NO (unlimited storage)</td>
</tr>
<tr>
<td>Batch processing</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Journal Publishing</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
ETD Partnership
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.
System generates an email to all persons associated with the thesis.

Student makes revisions based on feedback from the Graduate College & committee members.

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

STEP 5

STEP 6

STEP 7
STEP 1
The student electronically uploads his/her thesis and metadata to Bepress DC by accessing the submission function on the website.

STEP 2
The Thesis is published in Bepress DC.

STEP 3
The Graduate School Office approves through the Bepress DC system.

STEP 4
The student electronically uploads his/her thesis and metadata to Bepress DC by accessing the submission function on the website.
Current ETD Workflow at UNO

Library

ProQuest

Graduate School

DigitalCommons

the Student

$ $$
Conclusion

Library

Digital Commons

Graduate School

collaboration
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