Overview of the Repository Bridge project

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Contents

• Why?
• What?
• How?
Why?

- Agreement between the Federal University of Wales and the National Library of Wales
- We (UWA and UWS) wanted to explore the use of e-theses
- The NLW wanted to explore the use of e-theses
- If we hold them electronically, and they hold them electronically, we need to be able to transfer them
Existing situation

University
- catalogues
- shelves (for access)

NLW
- catalogues
- shelves (for archival storage)
• The project’s aim is to preserve and adapt this procedure for electronic theses and dissertations (ETDs)

• Automate the transfer
• Streamline the manual processes (such as cataloguing)
Repository Bridge

• JISC funded
• 1 year project
• Collaboration between
  • University of Wales Aberystwyth
  • University of Wales Swansea
  • National Library of Wales
Repository Bridge

• Institutional Repositories
  • Running DSpace or Eprints repository software
  • Bias towards access to items

• NLW repository
  • Running Fedora repository software
  • Bias towards preservation of items
Harvest Models

Standard EThOS model
Harvest Models

Welsh consortium model

(LOCKSS) Lots Of Copies Keep Stuff Safe
How does it work?
University Repository
Install Export Functionality
Log-in And Configure Harvester
Export From Repository
Ingest Into Welsh Hub
Export From Welsh Hub
Item Available From EThOS
1. University Repository

http://cadair.aber.ac.uk/
http://eprints.cf.ac.uk/
https://intranet.psychology.bangor.ac.uk/dspace/
2. Install export functionality

5 minute job
3. Login and configure
3. Login and configure
3. Login and configure
3. Login and configure

Check settings

Results

Repository URL OK
OAI base URL OK (CADAIR: University of Wales Aberystwyth repository / cadair@aber.ac.uk)
UKETD-METS support OK

Back to repository settings page

Homepage | LCC NLW | Login | Home | Logout
3. Login and configure
3. Login and configure

| Thesis Archive System (TAS) |

Log entries

<table>
<thead>
<tr>
<th>Event</th>
<th>Information</th>
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<tr>
<td>Institution</td>
<td>Institution changed repository</td>
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<tr>
<td>base URL</td>
<td>Institution changed repository</td>
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<tr>
<td>UWA-URL</td>
<td>Institution changed repository</td>
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3. Login and configure

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4. Export (NLW)

- Periodic export triggered by the NLW
- Uses OAI-PMH
  - Open Archives Initiative Protocol for Metadata Harvesting
- Copies metadata and files to the NLW
- Email notification (optional)
- Logs viewable from TAS
5. Export (EThOS)

- Periodic export triggered by EThOS
- Uses OAI-PMH
  - Open Archives Initiative Protocol for Metadata Harvesting
- Copies metadata and files to the EThOS system
6. Item available

- Available from three systems
  - Institutional Repository
  - National Library of Wales
  - EThOS

- Lots of safe copies
- Lots of identical copies
- Lots of copies for Google to find!
E-Thesis Links

- Welsh E-Thesis group
  - Email: burrowl@Cardiff.ac.uk

- Software
  - http://www.dspace.org/
  - http://www.eprints.org/
  - http://www.fedora.info/