A Tale of Two Repositories: Linking the Local and the Global

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Agenda

• Overview of Institutional Repositories
• Comparative Study
  – University of Minho (Portugal)
  – University of Toronto (Canada)

What?

A set of services that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members. It is most essentially an organizational commitment to the stewardship of these digital materials, including long-term preservation where appropriate, as well as organization and access or distribution.


Why now?

• Culture of the Net
• Open Access
• Digital Preservation
• Reputation Management -
  – for Institutions and Individual Researcher

Archiving Policy

<table>
<thead>
<tr>
<th>Minho</th>
<th>Toronto</th>
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</thead>
<tbody>
<tr>
<td>Institutional</td>
<td>Institutional</td>
</tr>
<tr>
<td>– Yes, as part of the University’s strategy for maximizing the visibility, access and impact of its faculty research</td>
<td>– No explicit policy, or encouragement</td>
</tr>
<tr>
<td>– the development of its Information System</td>
<td>– Experimentation to improve access to faculty’s research</td>
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<td></td>
<td>– (National policies are being discussed)</td>
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Technical Platform

<table>
<thead>
<tr>
<th>Minho</th>
<th>Toronto</th>
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<tbody>
<tr>
<td>DSpace - translated into Portuguese by U of Minho</td>
<td>DSpace</td>
</tr>
<tr>
<td>Local add-ons</td>
<td>Integration with university library catalogue</td>
</tr>
<tr>
<td>– “Ontology”</td>
<td>MyAccess - one stop access to library resources</td>
</tr>
<tr>
<td>– Statistics</td>
<td>Part of DSpace Federation</td>
</tr>
<tr>
<td>– Others…</td>
<td></td>
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n a set of services that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members. It is most essentially an organizational commitment to the stewardship of these digital materials, including long-term preservation where appropriate, as well as organization and access or distribution.”

Structure

Minho
- By Communities and Collections
- Some communities have sub-communities
  - Departments
  - Research Units
  - Other organizational Units

Toronto
- By Communities and Collections
- Communities
  - Departments
  - Special Research Units
  - Disciplinary Aggregations
  - Special collections
    - Digital
    - Archival
  - Affiliated Organizations

Content Policy

Minho
- Publications: Faculty, staff, and graduate students
- Different communities with different requirements (e.g. peer review)
- Teaching resources (Learning objects - a separate repository)

Toronto
- Publications: Faculty, staff and graduate students
- Different communities with different requirements
- Teaching resources (Learning objects - to be integrated?)
- Affiliated communities - faculty sponsorship

Labour and Workflow

Minho
- U of Minho Documentation Services (SDUM)
- Workflow
  - Initially archive on researchers behalf
  - Now mainly self-archiving
- Approval and Verification
  - Vary between communities
- Who pays:
  - E-UM - Virtual Campus Project

Toronto
- Coordinated by the central library’s technical services
- Each campus library has regional coordinator
- Departments employ students to assist with metadata entry and uploading
- Who pays:
  - Primary the library’s special project

IPR Policy

Minho
- Submitters grant the university the right to archive on their behalf
- University doesn’t claim any right to deposited items
- Encourage faculty to use Creative Commons licenses

Toronto
- Submitters grant the university the right to archive on their behalf
- University doesn’t claim any right to deposited items
- Creative Commons is a build-in option during submission

Adoption

Minho
- Highly uneven across campuses and departments and disciplines
- High among Engineering and other sciences
- Lowest with Humanities and Social Sciences

Toronto
- Highly uneven across campuses and departments and disciplines
- Highest among life scientists
- Lowest for Humanities

Growth

Minho

<table>
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<tr>
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<th>04/06</th>
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<td># of Communities</td>
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<tr>
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Toronto

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<tr>
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</tr>
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<tbody>
<tr>
<td># of Communities</td>
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<tr>
<td># of Documents</td>
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<td>4446</td>
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</tr>
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</table>
File types

Minho
- Full-text postprints
- Theses and Dissertations
- Backfiles of journals
- Small number of preprints and reports

Toronto
- Mostly full-text postprints
- Out-of-print books
- Small number of preprints and reports
- Teaching material
- Multimedia objects
- Data sets

Encouraging participation

Minho
- Strong incentives created by institutional policy (additional funding).
- Workshops and seminars
- Educate senior administrators
- Add-on features

Toronto
- Brochure and literature
- Workshops and seminars
- Educate senior administrators
- Cross-institutional collaboration
- Work with funding agencies at the provincial and federal level

Future plans

Minho
- More statistics and easier access
- Citation impact and monitoring
- Integration with Auto-online CV
- Other add-on features
  - Semantic web functionalities
- National repository project
- More useful and accessible usage and download stats
- Promote new web citation impact measures

Toronto
- Brochure and literature
- Workshops and seminars
- Educate senior administrators
- Cross-institutional collaboration
- Work with funding agencies at the provincial and federal level

Conclusions

- Acting locally and thinking globally
- Need for clear policy incentive
- Build more add-on services
  - Technical Services - facilitate discovery and awareness
  - Social Services
    - Bridging formal and other forms of scholarly communications
    - Middle Ware
  - Facilitate intellectual network and collaboration
- Engage in experimentation and be ready to share results