



Digital Archives and Repositories

Presentation to HIS485 I

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What is a digital repository?

- A means of managing, storing and providing access to digital content
- Types of content: research output such as data and journal articles, e-theses, grey literature, yearbooks, learning and teaching materials, maps, videos, audio, blueprints, etc.

What are digital archives?

- An accumulation of historical records, either born digital or converted from their original physical format to a digital format. A digital archives consists of the actual digitized objects or items, a platform for presentation, metadata for description and a means to search and retrieve the items.

Why create a digital archives?

- Accessibility – material is often fragile or remote
- Organizing and presenting
- Preservation
- Obsolete technologies
- New technologies allow new approaches for researchers
- Open Access movement

Considerations for a specific project

- Does digitization fit with the organizational vision? What are the benefits to the institution? To the researcher?
- How will digitization be funded?
- Who will do the work?
- Is there unique content?
- Who owns the copyright?
- Who is the audience and what do they require?



LU Library E-theses Project

Our goals

- Make thesis collection more accessible
- Protect existing print copies for posterity
- Show off Lakehead scholarly product
- LAC electronic theses requirements
- Potential cost-savings – microfilm and/or extra print copies no longer needed



Welcome to ThunderSpace

Home

Browse by:

- Collections
- Titles
- Authors
- By Date

My Account:

Login

More Information:

- About ThunderSpace
- How do I submit an item?
- FAQ

ThunderSpace is Lakehead University's institutional repository. Our purpose is to showcase, preserve and present scholarly output of Lakehead University to the world. This repository will include theses, research articles by Lakehead scholars, technical reports, presentations, photographs, audio and video files and other campus publications.

5. Let the Library do the metadata and maintenance work – you have better things to do with your time.

<http://lurepository.lakeheadu.ca/>

Project management

- Funding source
- Staffing
- Outsourcing
- Equipment
- Workflow
- Quality Assurance

Our set-up



Internet Archive scanning setup:

<http://www.youtube.com/watch?v=le6Lu7XgioE>

Technical management

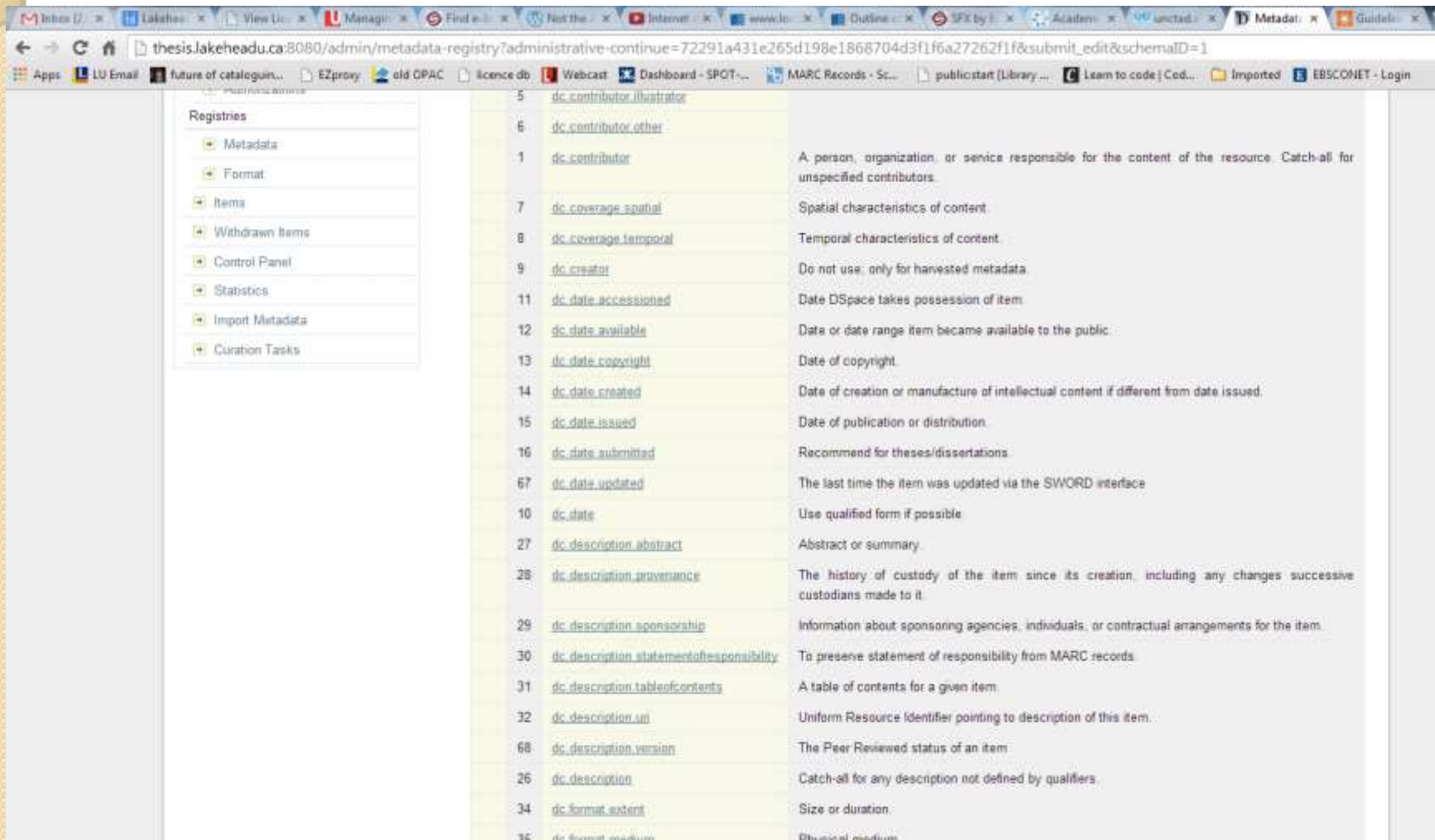
- Hosting platform
- Metadata
- Scanning software
- Digitization specs

Metadata

- Different standards
 - Descriptive metadata
 - Structural metadata
 - Technical metadata (for physical files)
 - Administrative metadata
- Formal standards vs. Interoperability
- Controlled vocabulary vs. open tagging

Our project

- Dublin Core standard



5	dc.contributor.illustrator	
6	dc.contributor.other	
1	dc.contributor	A person, organization, or service responsible for the content of the resource. Catch-all for unspecified contributors.
7	dc.coverage.spatial	Spatial characteristics of content.
8	dc.coverage.temporal	Temporal characteristics of content.
9	dc.creator	Do not use: only for harvested metadata.
11	dc.date.accessioned	Date DSpace takes possession of item.
12	dc.date.available	Date or date range item became available to the public.
13	dc.date.copyright	Date of copyright.
14	dc.date.created	Date of creation or manufacture of intellectual content if different from date issued.
15	dc.date.issued	Date of publication or distribution.
16	dc.date.submitted	Recommend for theses/dissertations.
67	dc.date.updated	The last time the item was updated via the SWORD interface.
10	dc.date	Use qualified form if possible.
27	dc.description.abstract	Abstract or summary.
28	dc.description.provenance	The history of custody of the item since its creation, including any changes successive custodians made to it.
29	dc.description.sponsorship	Information about sponsoring agencies, individuals, or contractual arrangements for the item.
30	dc.description.statementofresponsibility	To preserve statement of responsibility from MARC records.
31	dc.description.tableofcontents	A table of contents for a given item.
32	dc.description.uri	Uniform Resource Identifier pointing to description of this item.
68	dc.description.version	The Peer Reviewed status of an item.
26	dc.description	Catch-all for any description not defined by qualifiers.
34	dc.format.extent	Size or duration.
35	dc.format.medium	Physical medium.

Examples:

- University of Prince Edward Island:
<http://islandarchives.ca/>
- UofT project – Labrador Inuit through Moravian Eyes:
<http://link.library.utoronto.ca/inuitmoravian/index.cfm>
- John F. Kennedy digital collection:
<http://www.jfklibrary.org/Research/Search-Our-Collections/Browse-Digital-Collections.aspx>

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Questions?

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