Digital Archive Initiative
http://collections.mun.ca

Lisa Goddard
Memorial University Libraries
Presentation to CIOS
January 2010
What is the Digital Archive Initiative?

- Digitization of strategic collections
- Hosting of MUN digital collections
- 24/7 global access
- Long-term preservation of digital artifacts

- 102 collections
- 639,214 objects
- 3 TB data
Show & Tell

http://collections.mun.ca
Images

http://collections.mun.ca/u/?m_lantern,10
Images

Digital Archives Initiative
Geography Collection - Historical Photographs of Newfoundland and Labrador

(01 06 005) East End, St. John's. View of the Cavendish Square
Images

Click on image to zoom in. Click and drag to position image.

http://collections.mun.ca/u/?moravian,26203
Audio

http://collections.mun.ca/u/?inu,754
Audio

Newfoundland enters Confederation: ceremony broadcast from St. John's and Ottawa, April 1/49, CBC nat'l network

If the multimedia file does not start automatically click here to launch stand-alone player

<table>
<thead>
<tr>
<th>Title</th>
<th>Newfoundland enters Confederation: ceremony broadcast from St. John's and Ottawa, April 1/49, CBC nat'l network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject</td>
<td>Newfoundland and Labrador--History--Union with Canada, 1949</td>
</tr>
<tr>
<td>Description</td>
<td>This is the live CBC radio broadcast of the ceremonies marking Newfoundland’s entry into Confederation as the 10th Swiss province on 1 April 1949. The ceremony features two parts: the first at Government House in St. John's, and the second at Parliament Hill in Ottawa. In his 'welcome to Canada' speech, Prime Minister Louis St-Laurent emphasizes the similarities between Newfoundland and Canada: the same way of life, shared wartime experiences and shared British heritage including loyalty to the Crown. Newfoundland and newly-appointed Canadian Secretary of State F. Gordon Bradley views the day's events as inevitable: &quot;our insular independence was unsound [...] We are all Canadians now.&quot; Both men stress that under the federal system Newfoundland would keep its distinctive identity, as the other provinces had done.</td>
</tr>
<tr>
<td>Author</td>
<td>Canadian Broadcasting Corporation</td>
</tr>
<tr>
<td>Speaker</td>
<td>Emerson, Lewis Edward; Walsh, Albert Joseph; Gibson, Colin; St. Laurent, Louis S. (Louis Stephen), 1882-1973; Bradley, F. Gordon; Alexander of Tunis, Harold Rupert Leofric George Alexander, Earl, 1891-1969</td>
</tr>
<tr>
<td>Publisher</td>
<td>[Toronto] : CBC Radio Canada, 1949</td>
</tr>
<tr>
<td>Date</td>
<td>1 April 1949</td>
</tr>
<tr>
<td>Physical</td>
<td>7 sound discs: 78 rpm; 12 in.</td>
</tr>
</tbody>
</table>

http://collections.mun.ca/u/?cns_media,0
Video

http://collections.mun.ca/u?/ich_seldom,70
Digitized Books

http://collections.mun.ca/u?/cns_wom_lit,22019
Reminiscences Of Forty-Two Years Of Exploration In And About Newfoundland

This is an edition of J. P. Howley's "Reminiscences" (ca. 1914), a memoir based on diaries and notebooks written during his years of exploration and mapping in the interior and along the coasts of Newfoundland. He spent summers between 1868 and 1909 in southern, western, and northeastern parts of the island, with crews of residents and Micmacs, in geological examinations, surveying, determining railway routes, and searching for coal deposits. The author hoped his diaries, when put into book form, would "prove of some interest to future explorers and give some idea of what the conditions of travelling in the interior were before the advent of the Railway."

View in PDF Format

The text of J.P. Howley's Reminiscences, describing his experiences as a Newfoundland government geologist and surveyor from 1868 to 1909, is divided into seven sections.

http://collections.mun.ca/howley
<table>
<thead>
<tr>
<th>Image</th>
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</thead>
<tbody>
<tr>
<td><img src="http://collections.mun.ca/cdm4/browse.php?CISOROOT=%2Fquarterly" alt="Image" /></td>
<td>The Newfoundland Quarterly, volume 01 (1901-1902)</td>
<td>Newfoundland and Labrador--Periodicals</td>
<td>The Newfoundland Quarterly (1901-present) began publication when the province was still an independent country, founder John J. Evans describing it as “a literary magazine of interest to Newfoundlander at home and abroad.” Geared to a general audience, it is the island’s oldest magazine and the second oldest magazine published in Canada. It provides an invaluable forum for the publication of work by Newfoundland writers, artists and photographers. The magazine features articles on Newfoundland history and culture, interviews and biographies, literature and literary criticism including book reviews. Advertisements are included in the issues before 1983. Since 1990 the Newfoundland Quarterly has also included Aspects, a publication of the Newfoundland Historical Society.</td>
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</table>

Friday Oct. 30, 1936

Since I am likely to be some days in this hospital for treatment I am going to make use of my enforced leisure, and fill in the time by writing out roughly some of the things that have happened in my life which are a bit out of the common. I shall scribble them roughly and hope that at some future day of leisure I shall be able to put them in proper or at least more presentable, form.

Cluny Macpherson

Woolavington Wing
Middlesex Hospital
London, WI
## Memorial Theses

Digital Archives Initiative
Memorial University - Electronic Theses and Dissertations 1

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Author(s)</th>
<th>Subject</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4D Seismic analysis of the Hibernia Oil Field, Grand Banks, Canada</td>
<td>Wright, Richard</td>
<td>Hibernia Development Project (Canada); Seismic reflection method; Petroleum reserves--Grand Banks of Newfoundland</td>
<td>Thesis (Ph.D.)- Memorial University of Newfoundland, 2005. Earth Sciences</td>
</tr>
<tr>
<td>2</td>
<td>A behavior modification approach to the remediation of reading difficulties</td>
<td>Smith, William David</td>
<td>Reading--Remedial teaching;</td>
<td>Thesis (M.Ed.) -- Memorial University of Newfoundland, 1974. Education</td>
</tr>
<tr>
<td>3</td>
<td>A bio-bibliography of Newfoundland songs in printed sources</td>
<td>Mercer, Paul, 1950-</td>
<td>Folk songs--Newfoundland and Labrador--Bibliography; Broadside--Bibliography; Popular music--Newfoundland and Labrador--Bibliography;</td>
<td>Thesis (M.A.) -- Memorial University of Newfoundland, 1979. Folklore</td>
</tr>
<tr>
<td>4</td>
<td>A biographical-critical study of Austin Clarke</td>
<td>Algoo-Saksh, Stella</td>
<td>Clarke, Austin, 1934---Biography; Clarke, Austin, 1934---Criticism and interpretation</td>
<td>Thesis (Ph.D.)-Memorial University of Newfoundland, 1991. English Language and Literature</td>
</tr>
</tbody>
</table>

Newspapers

http://collections.mun.ca/u?/cns_news,15
Maps

http://collections.mun.ca/u?/maps,15
The DAI is not:

- A document management system
- A data back-up solution
- A commercial digitization service
- An eCommerce platform
Scanning Equipment

12 scanner workstations & student workers
Scanning Equipment

ADF scanner

Oversize/Map scanner
Multimedia Format Conversion

Analog to digital audio, video, film, slides, microformats
ContentDM Client

The ContentDM Client interface is displayed, showing a table of maritime history archive photographs. The table includes columns for Thumbnail, Title, Subjects, Physical Description, Collectors, and Date. The photographs are from Mission Photograph albums, with titles such as "1922 Nurses--Newfoundland," "1923 Missions, Medical...," "1931, Newfoundland... Children--Newfoundland..." and "1933 Children--Newfoundland..." The dates range from January 1923 to March 1931.
Server Side

Current

- Windows 32 bit application
- ContentDM: production server, cold server, test server
- Windows Media streaming
- OJS & eThesis Server

Planned

- Migration to 64 bit OS
- Flash Media streaming
- Server Virtualization
Server Room
Server Room
Server Room
Storage & Back-up

**Current** (direct attached array):
- Total drive space: 14TB
- Total logical drive space: 10TB
- Total logical production space: 5TB
- Total logical back-up space: 5TB

**Projected** (SAN expansion):
- 1 Serial ATA Head for production: 16TB
- 2 Serial ATA Tails backup: 16TB each
- 48 TB total
Storage & Back-up: Fixed Media
Challenges

- Long term preservation & retrospective conversion
- Multimedia formats & OS/browser compatibility
- Off-site storage
- Look and feel
- Speed
Who we serve

- MUN Libraries (Newfoundlandia, Rare, Unique)
- Other units at MUN (e.g. MHA, DELT, SGS)
- MUN Faculty (Hosting for MUN faculty ejournals, ebooks, digital publications)
- Regional Partners (DFO, Atlantic Universities)
- Can we help you?
- Can you help us?
Future Directions

- Library’s Scholarly Communication Service Suite
- eJournal Publishing
- eTheses @ MUN
- eBook publishing
- MUN Research Repository
- Open Access Advocacy
- Long-term access to finished data sets
- Digital Humanities