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

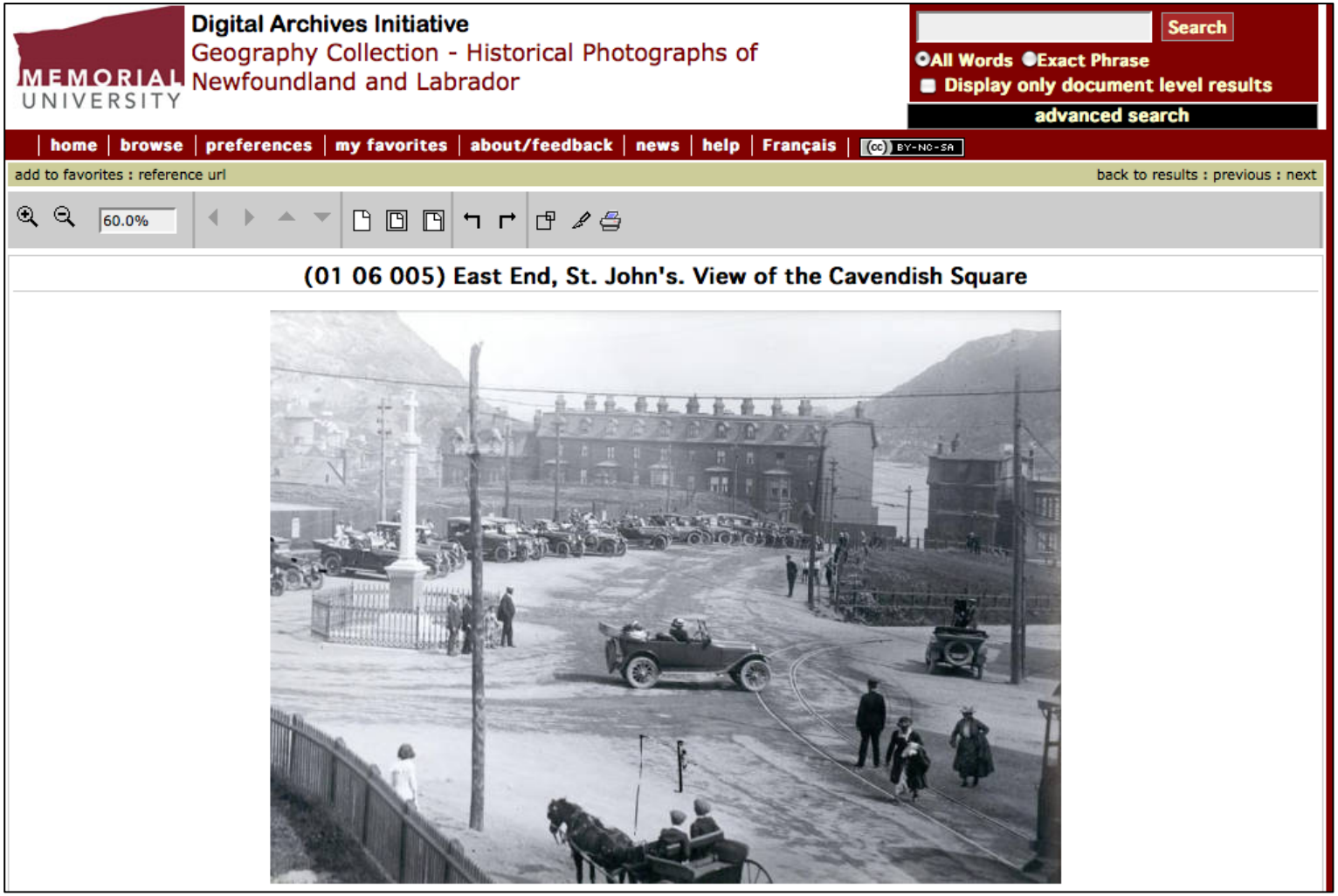
Show & Tell

http://collections.mun.ca

Images

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

Images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Digital Archives Initiative
Geography Collection - Historical Photographs of Newfoundland and Labrador
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(01 06 005) East End, St. John's. View of the Cavendish Square

Images

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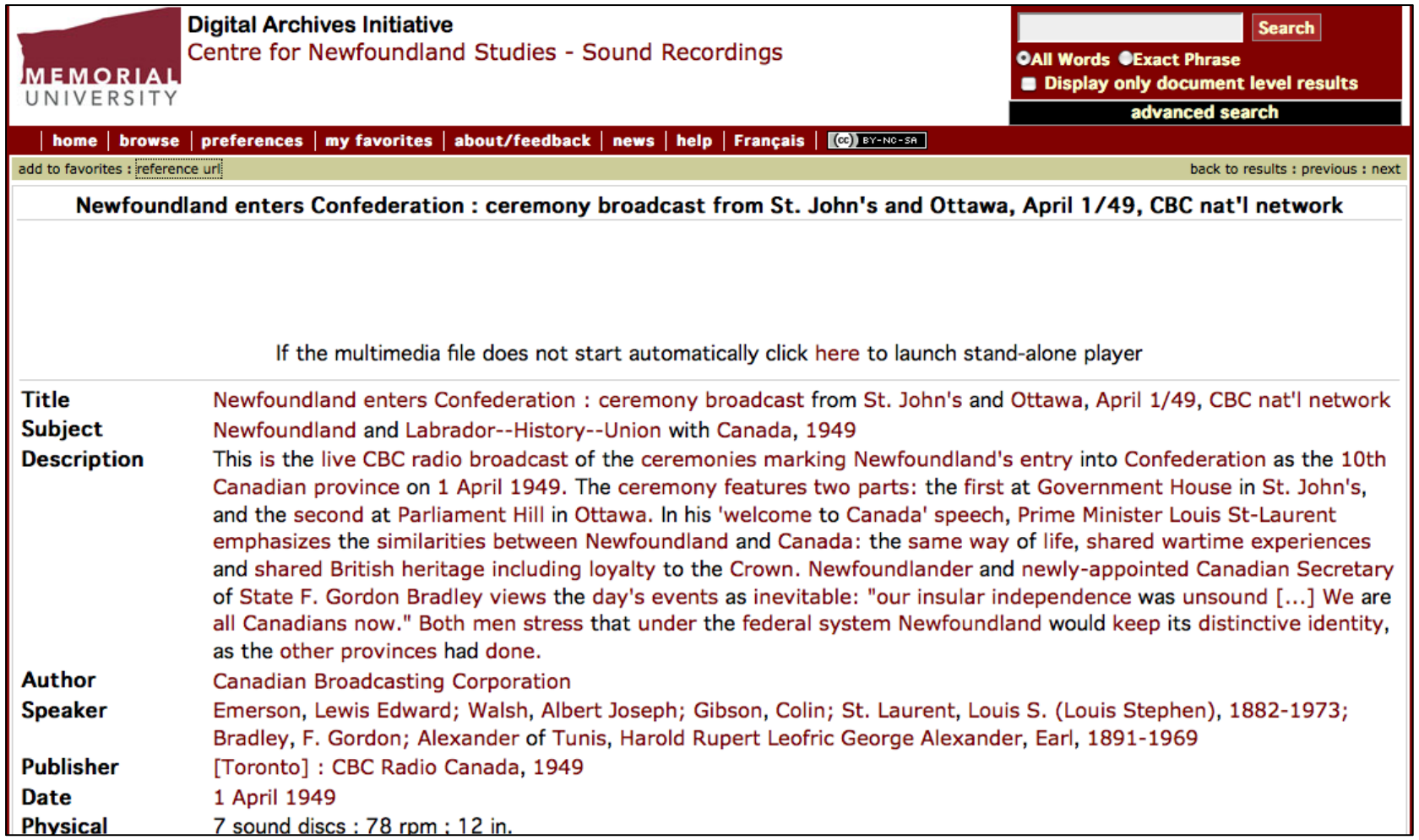
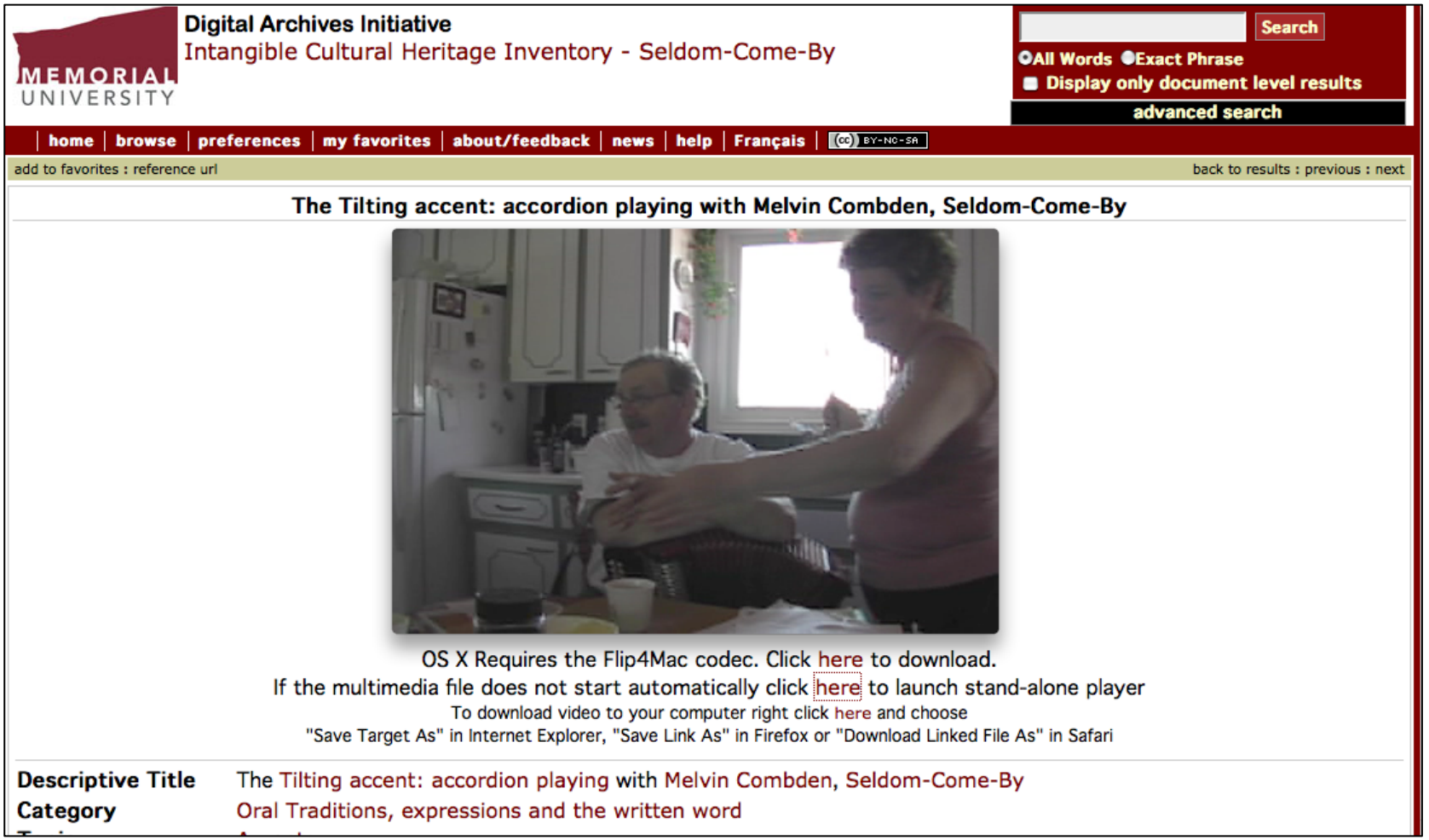
Audio



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

Video

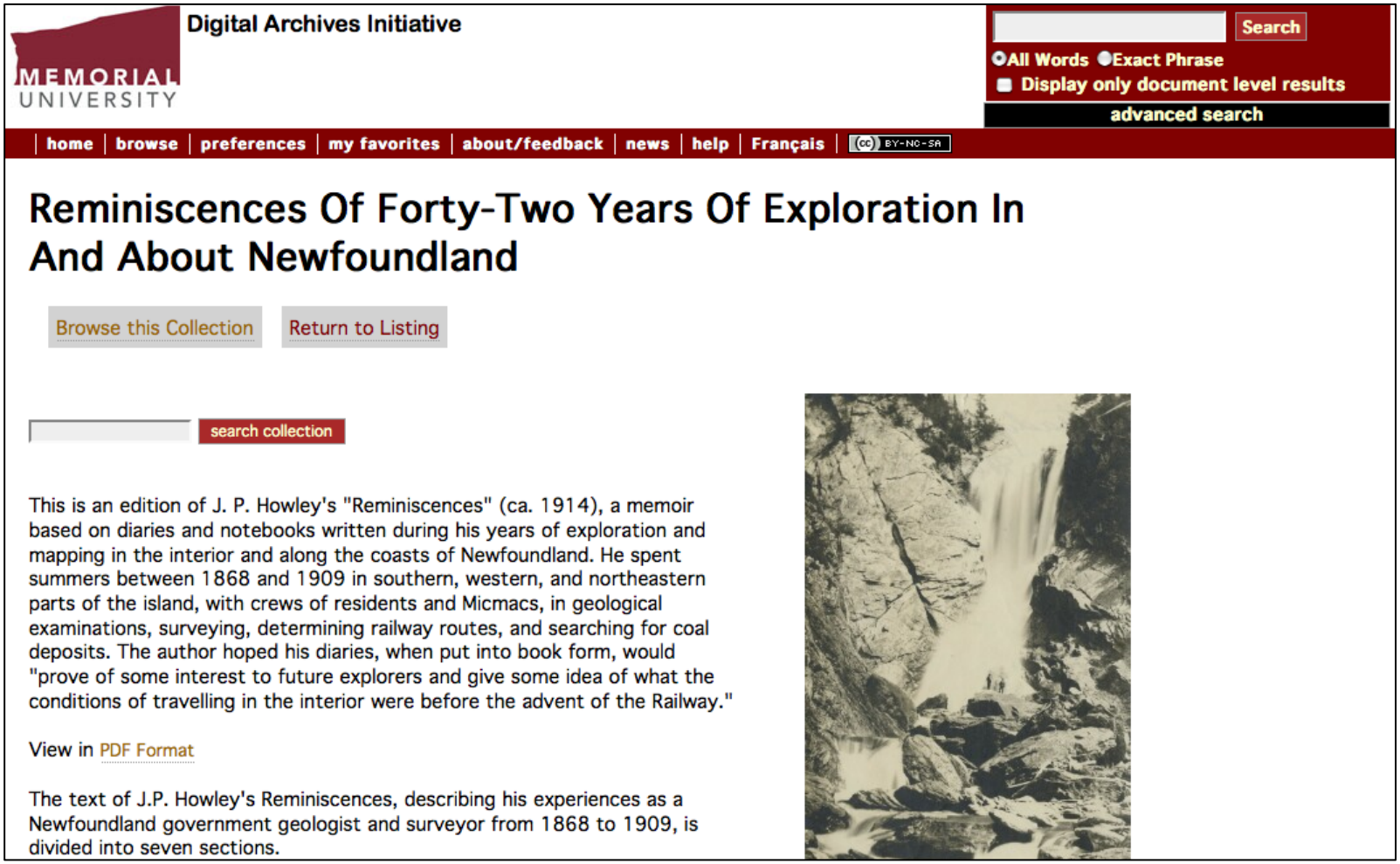


http://collections.mun.ca/u?/ich_seldom,70

Digitized Books

http://collections.mun.ca/u?/cns_wom_lit,22019

Born Digital Books



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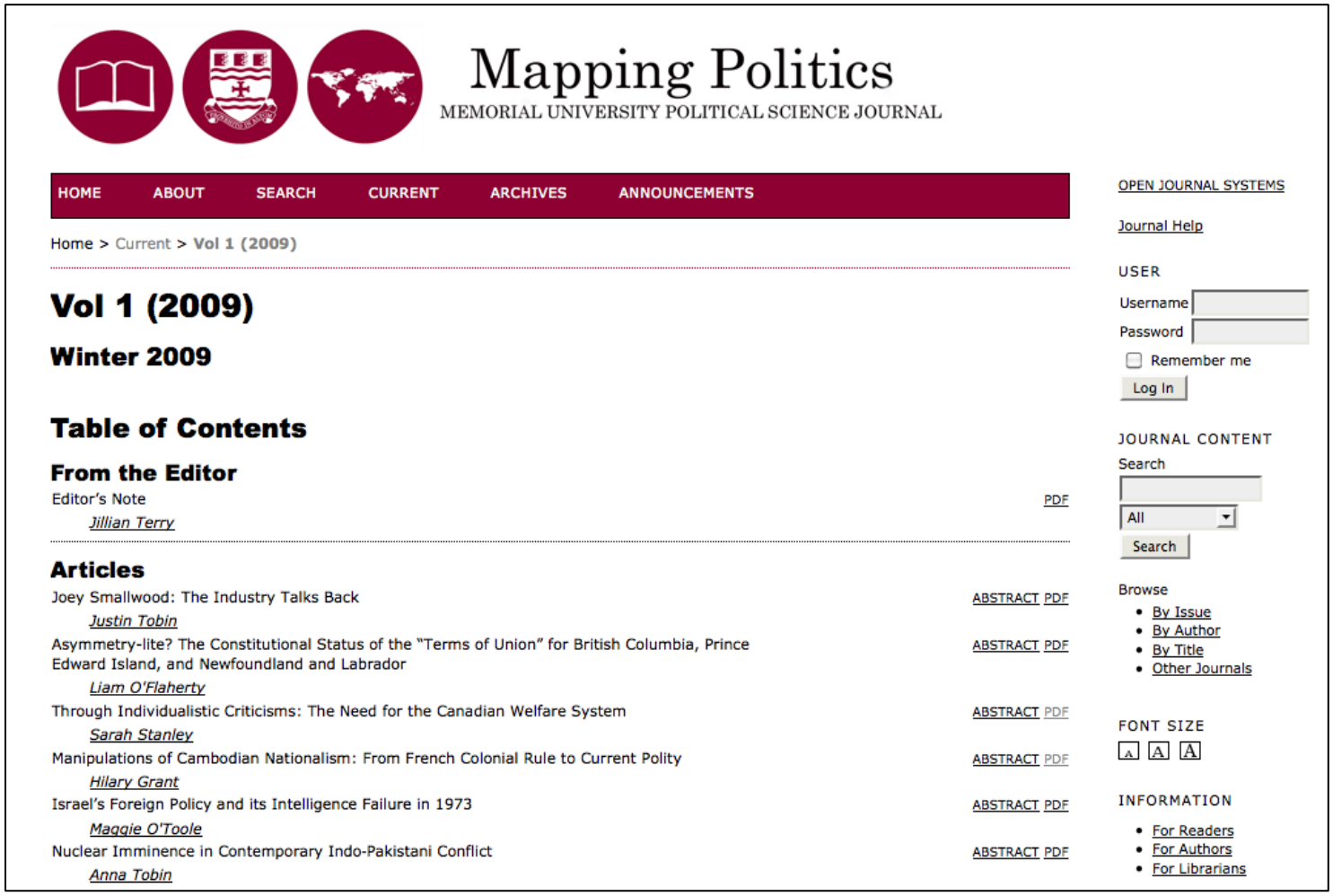
Digitized Journals

http://collections.mun.ca/cdm4/browse.php?CISOROOT=%2Fquarterly

Ejournal Hosting



Mapping Politics

MEMORIAL UNIVERSITY POLITICAL SCIENCE JOURNAL

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Vol 1 (2009)

Winter 2009

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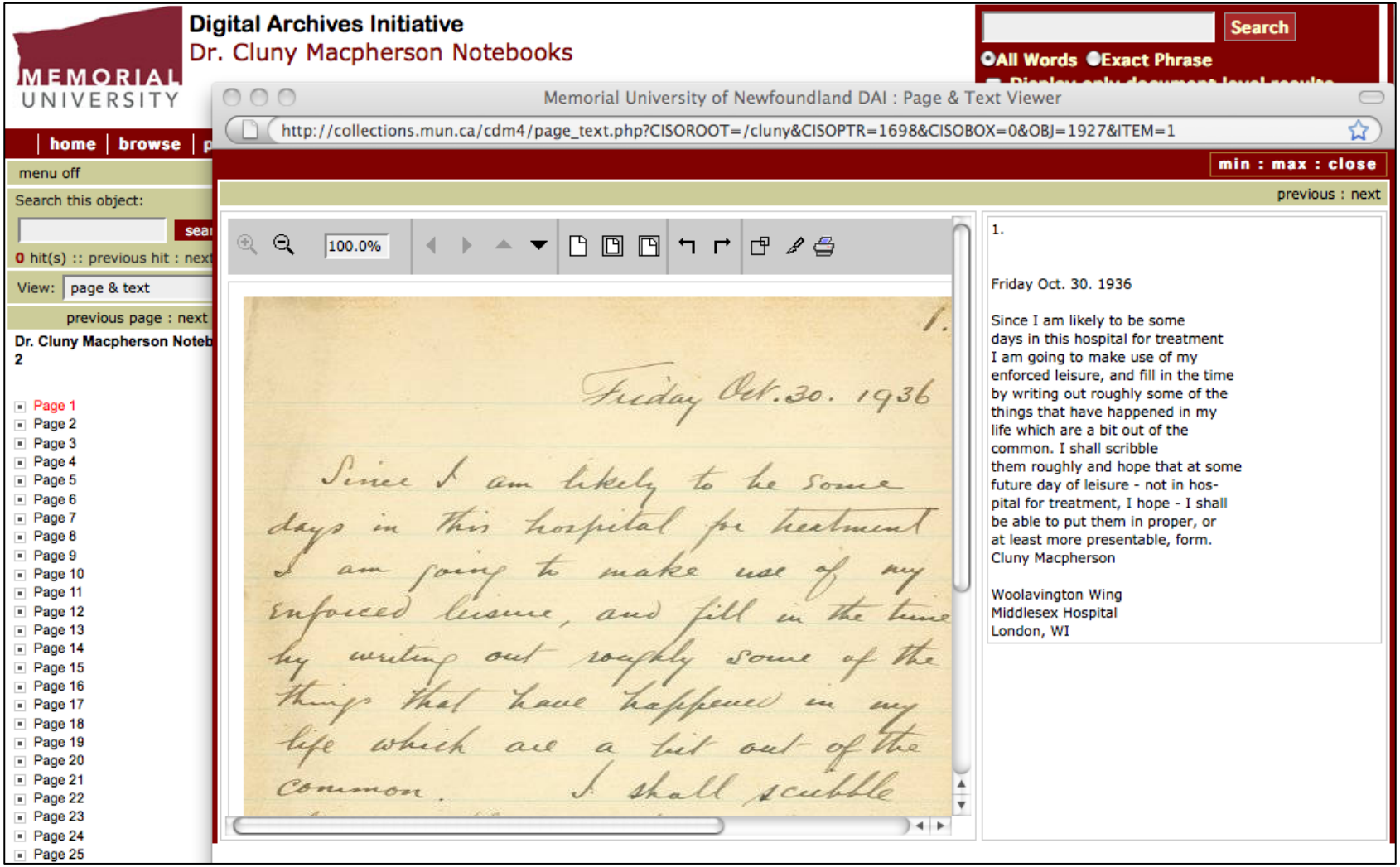

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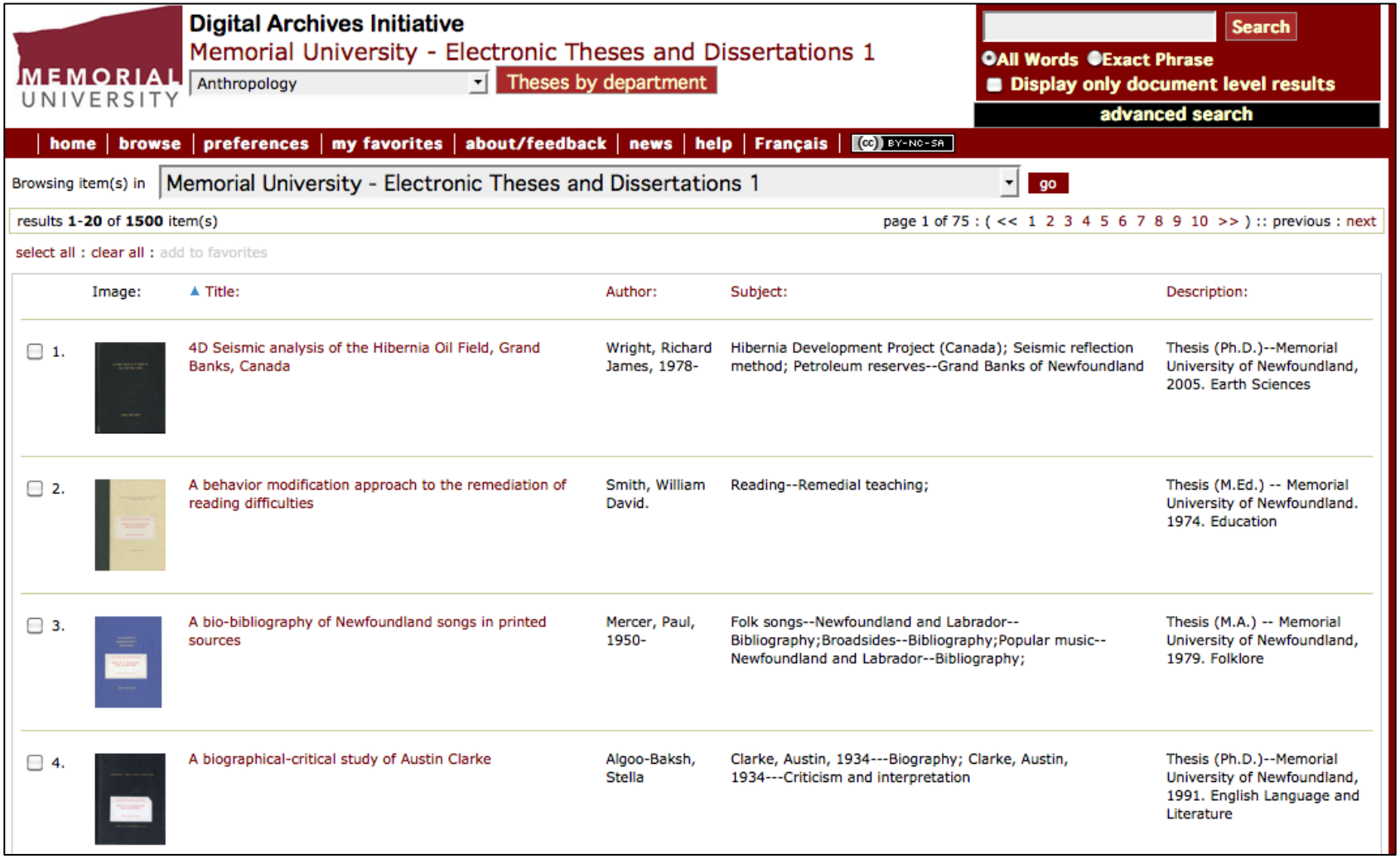
Memorial Theses



Digital Archives Initiative
Memorial University - Electronic Theses and Dissertations 1

MEMORIAL UNIVERSITY

Anthropology | Theses by department

Search
All Words Exact Phrase
Display only document level results
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results **1-20** of **1500** item(s)

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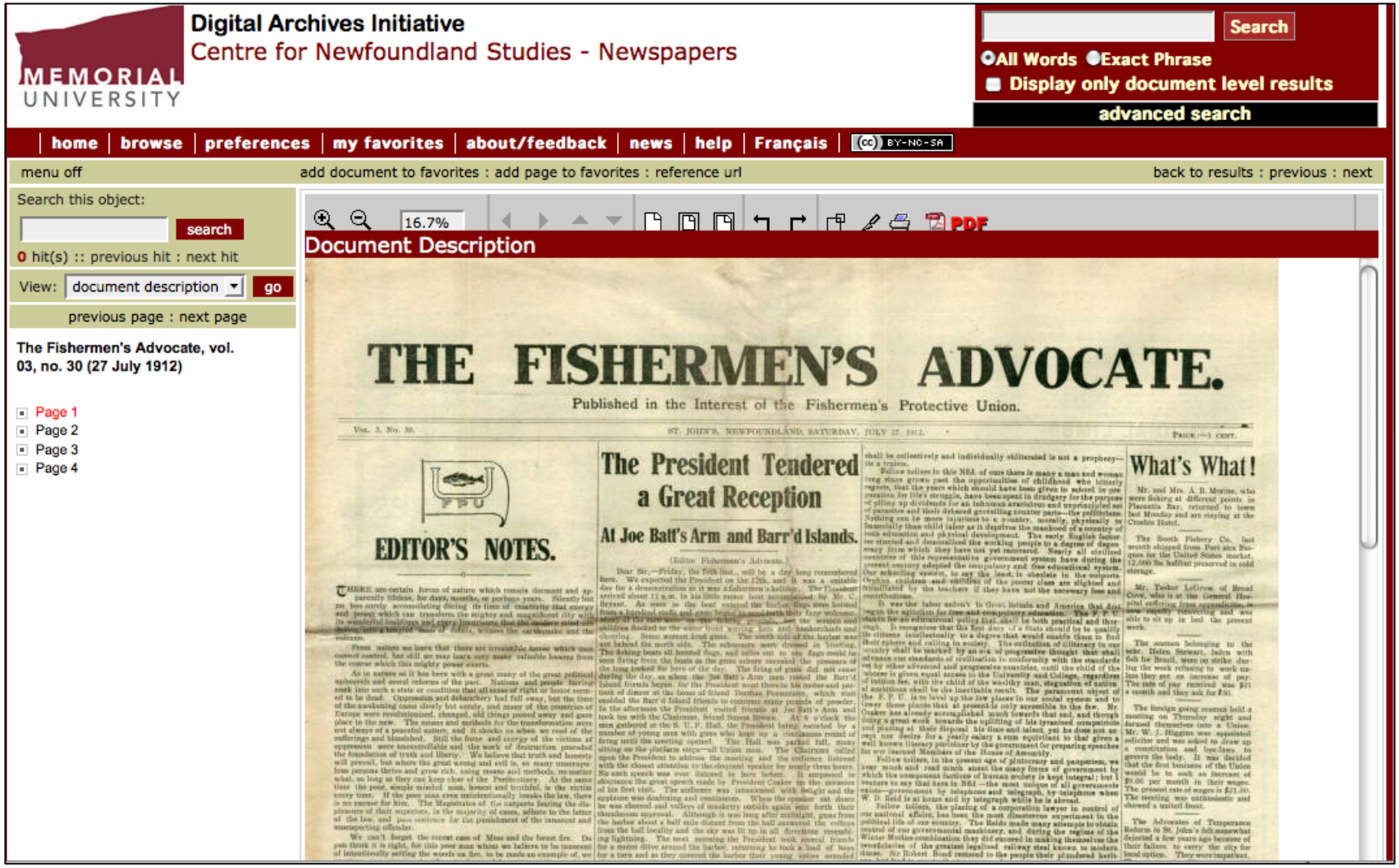
	Image:	Title:	Author:	Subject:	Description:
1.		4D Seismic analysis of the Hibernia Oil Field, Grand Banks, Canada	Wright, Richard James, 1978-	Hibernia Development Project (Canada); Seismic reflection method; Petroleum reserves--Grand Banks of Newfoundland	Thesis (Ph.D.)--Memorial University of Newfoundland, 2005. Earth Sciences
2.		A behavior modification approach to the remediation of reading difficulties	Smith, William David.	Reading--Remedial teaching;	Thesis (M.Ed.) -- Memorial University of Newfoundland. 1974. Education
3.		A bio-bibliography of Newfoundland songs in printed sources	Mercer, Paul, 1950-	Folk songs--Newfoundland and Labrador--Bibliography;Broadsides--Bibliography;Popular music--Newfoundland and Labrador--Bibliography;	Thesis (M.A.) -- Memorial University of Newfoundland, 1979. Folklore
4.		A biographical-critical study of Austin Clarke	Algoo-Baksh, Stella	Clarke, Austin, 1934---Biography; Clarke, Austin, 1934---Criticism and interpretation	Thesis (Ph.D.)--Memorial University of Newfoundland, 1991. English Language and Literature

http://collections.mun.ca/cdm4/browse.php?CISOROOT=%2Ftheses

Newspapers



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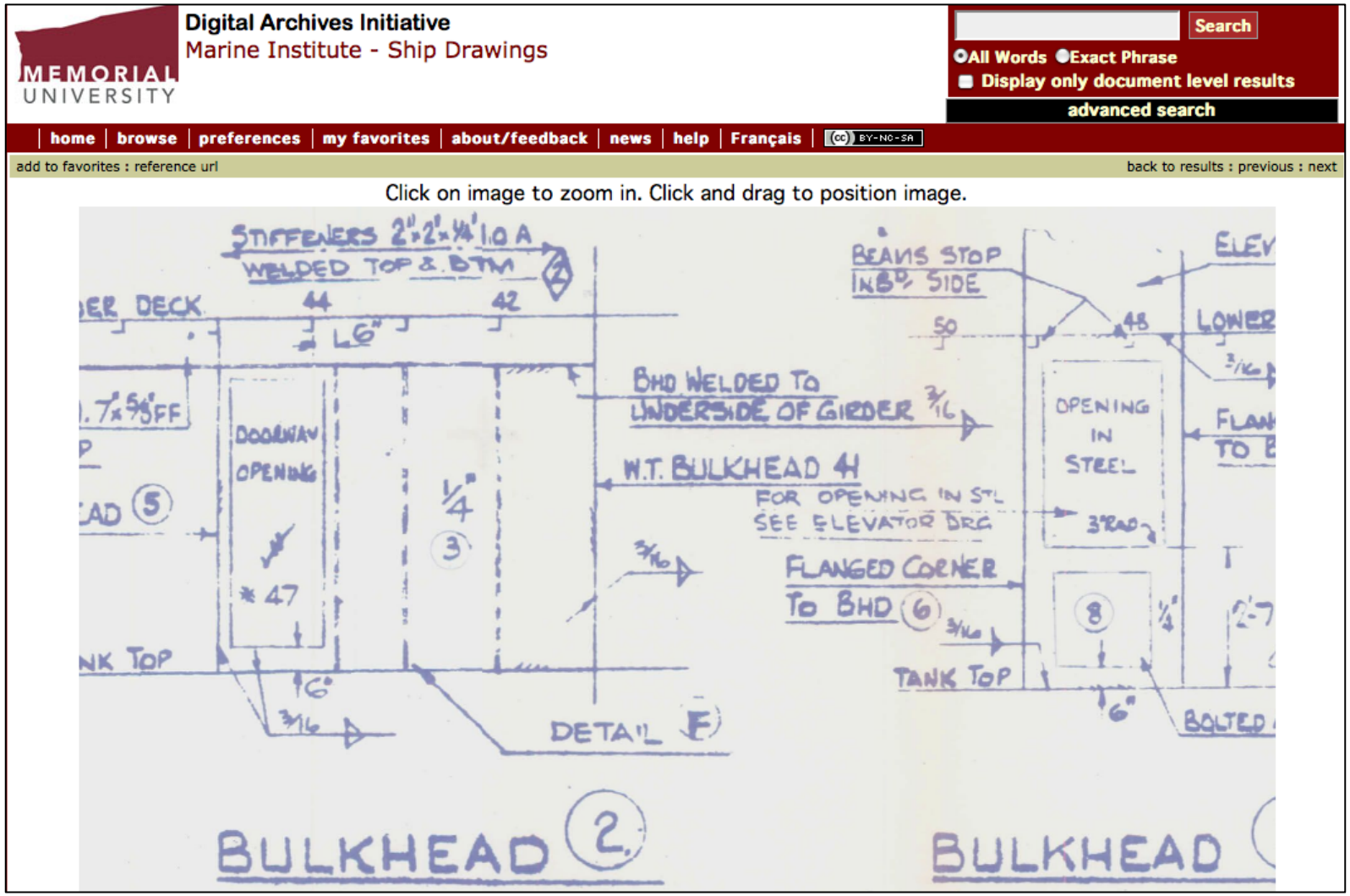
Blueprints



http://collections.mun.ca/u?/mi_shipdraw,0

The DAI is not:

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

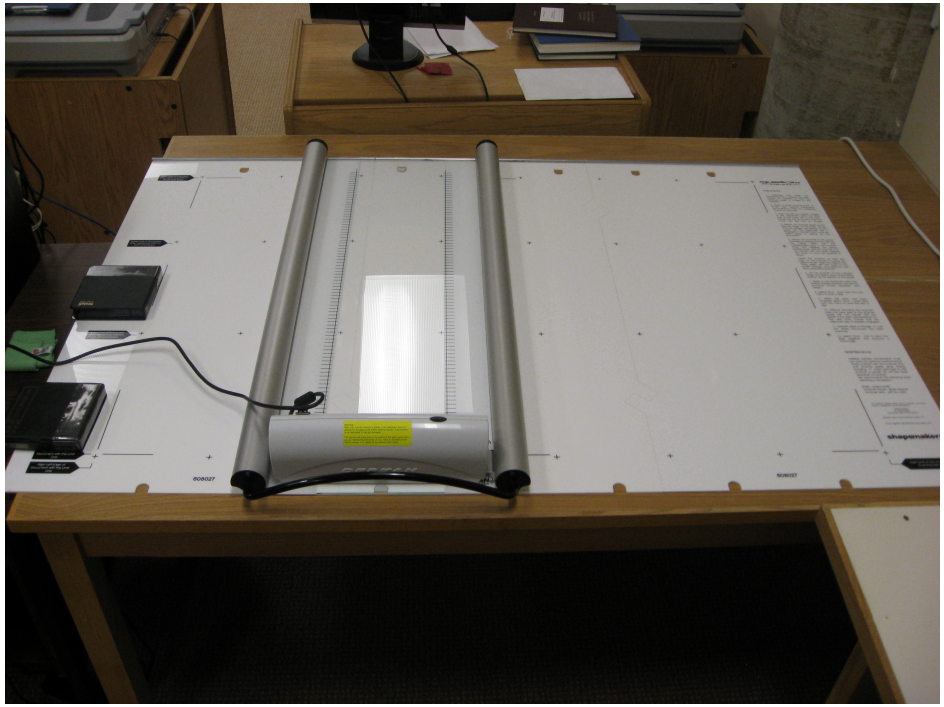
Scanning Equipment

12 scanner workstations & student workers

Scanning Equipment

ADF scanner

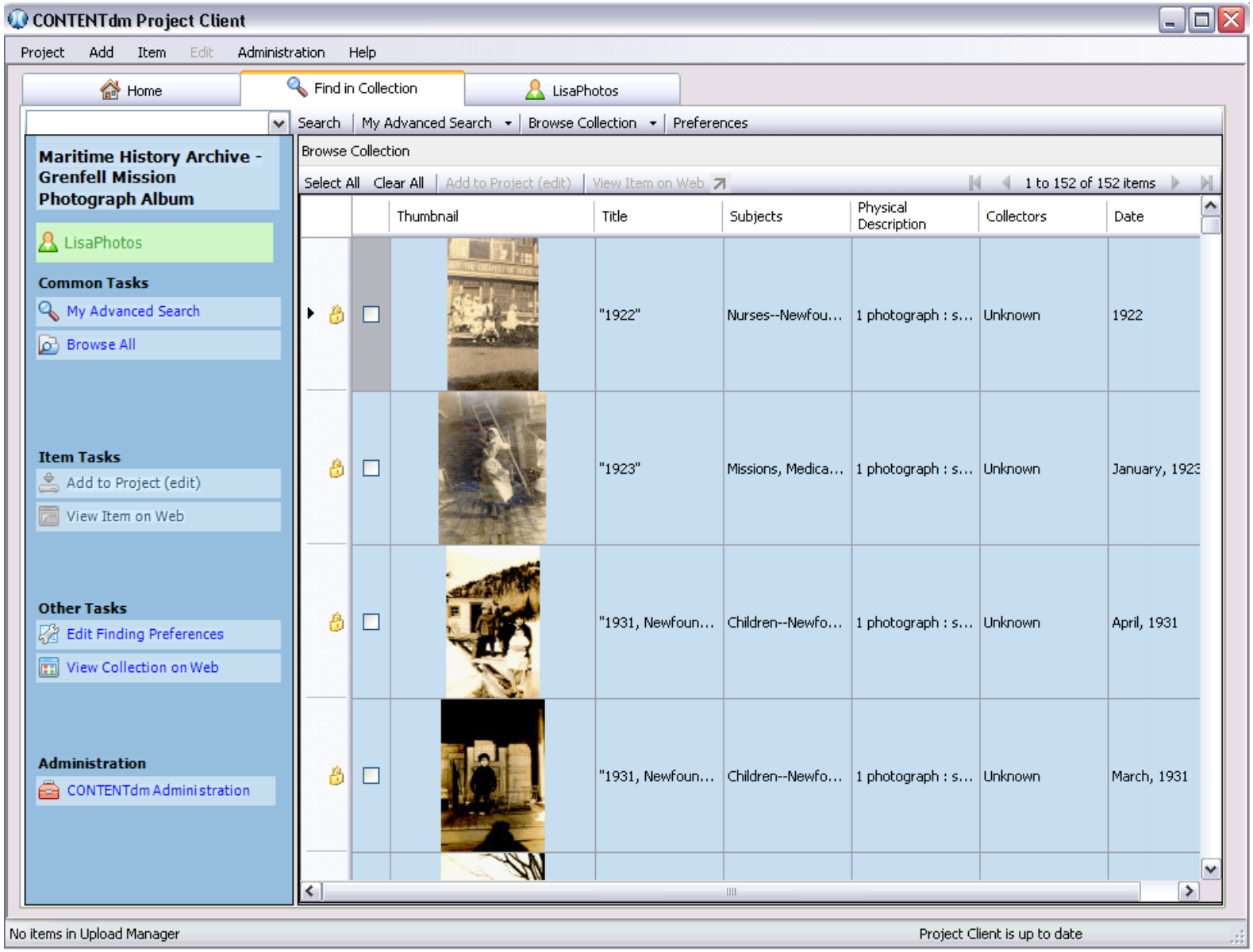
Oversize/Map scanner



Multimedia Format Conversion

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

ContentDM Client



Server Side

Current

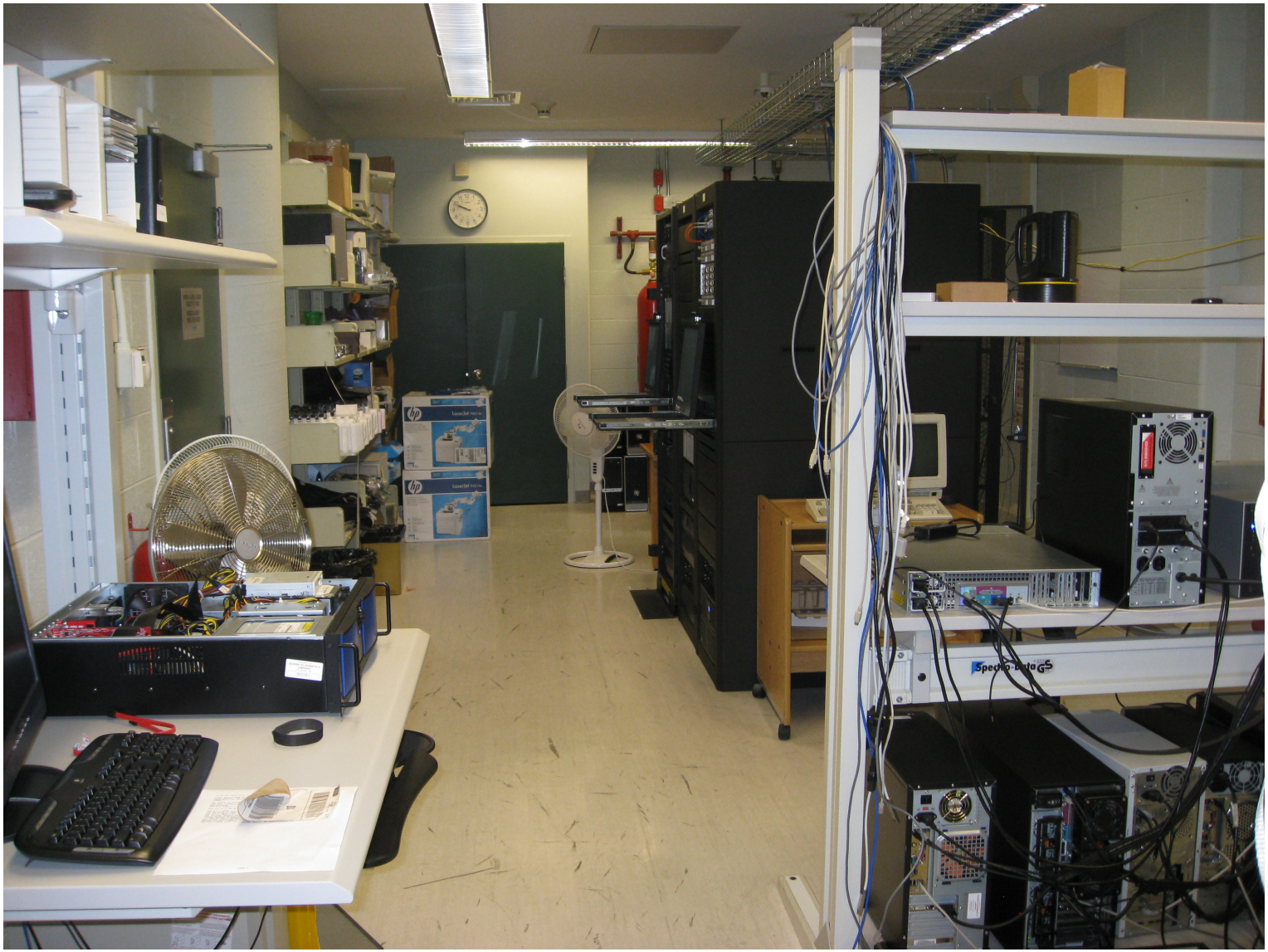
- Windows 32 bit application
- ContentDM: production server, cold server, test server
- Windows Media streaming
- OJS & eThesis Server

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