



# The CARL Repositories Metadata Application Profile

Canadian Metadata Forum / Forum sur les métadonnées au Canada 2005  
LAC-BAC, Ottawa, 2005-08-28

Mark Jordan  
Simon Fraser University



# Overview

- CARL Institutional Repositories Project
- CARL Harvester
- Snapshot of the metadata
- Working group
- Plan and status



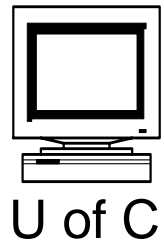
# CARL IR Project

- Conferences, meetings
  - Here Today, Gone Tomorrow (Winnipeg, MB, June 2004)
  - Institutional Repositories: The Future Is Now! (Halifax, October, 2004)
- CARL Harvester
- Research, publishing
- Ongoing support
  - Perform annual survey
  - Advocate, promote (e.g., copyright)
  - Promote and improve PKP Harvester, develop Metadata Application Profile
  - Sharing best practices (e.g., email list)

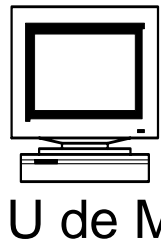


# Harvester

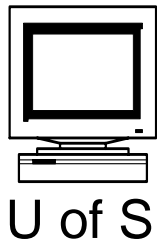
- “Canadian Association of Research Libraries / Association des bibliothèques de recherche du Canada's Institutional Repository Metadata Harvester”
- <http://carl-abrc-oai.lib.sfu.ca/>
- Launched June 2004
- Primarily a search engine for the harvested metadata



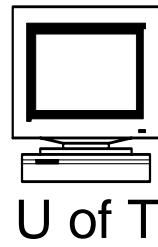
U of C



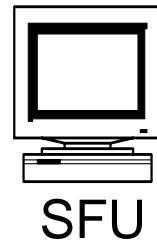
U de M



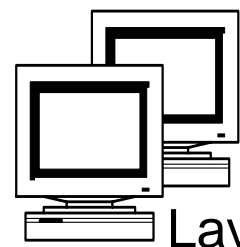
U of S



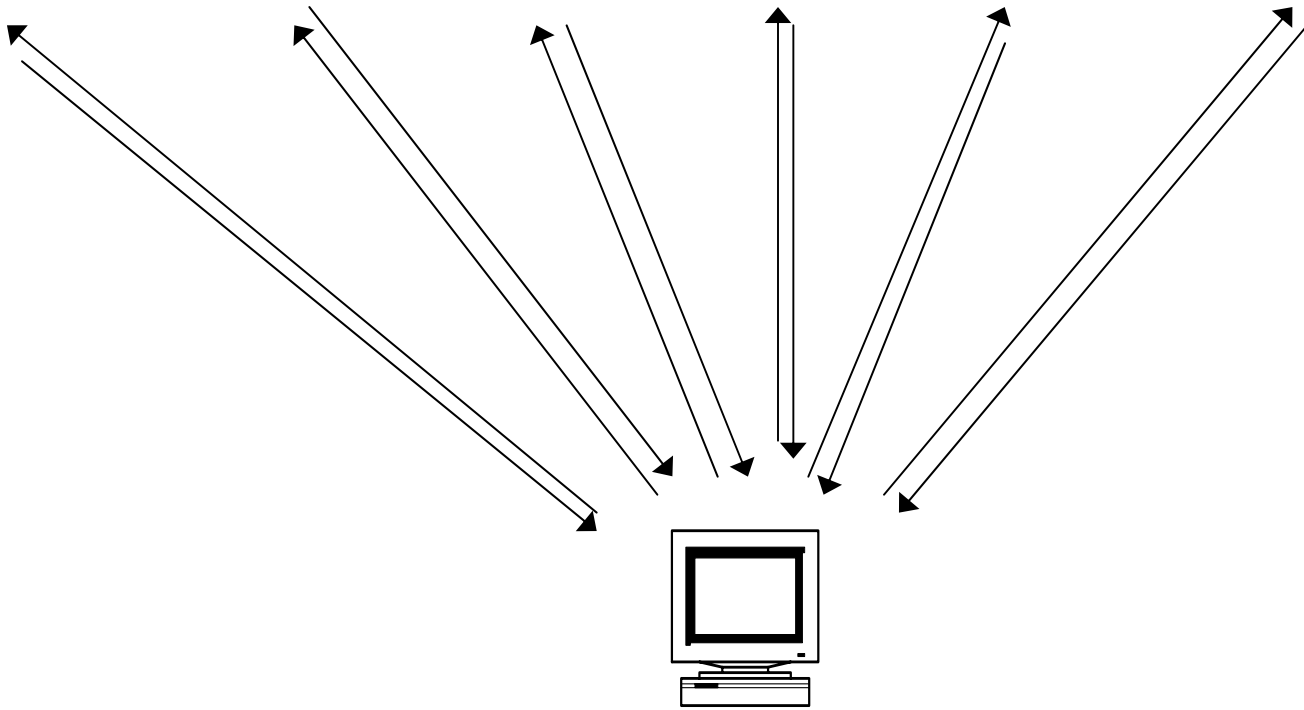
U of T



SFU



Laval



Harvester at SFU




# Participants

- Archimede Université Laval
- Collection mémoires et thèses de l'Université Laval
- DSpace@UCalgary.ca
- eCommons::Research (University of Winnipeg)
- Mspace (University of Manitoba)
- Papyrus - Dépôt institutionnel numérique (Université de Montréal)
- Simon Fraser University Institutional Repository
- T-Space (University of Toronto)
- University of Saskatchewan Electronic Theses & Dissertations
- University of Waterloo Electronic Theses



# Records

- Unqualified Dublin Core via OAI-PMH
- 5445 records (as of June 19)
- Daily additions, frequent bulk loads



<b>Element</b>	<b>Frequency</b>	<b>Percentage of total</b>
Date	14014	14.6%
Subject	13104	13.7%
Format	12799	13.4%
Identifier	12087	12.6%
Creator	11769	12.3%
Description	5880	6.1%
Title	5475	5.7%
Type	5419	5.7%
Language	5234	5.5%
Publisher	4286	4.5%
Contributor	2350	2.4%
Rights	1995	2.1%
Source	787	0.8%
Relation	590	0.6%
Coverage	0	0%



<b>Element</b>	<b>Average elements per record for all providers</b>	<b>Number of providers below average</b>	<b>Number of providers who do not include the element at all</b>
Title	1	0	0
Creator	2.2	6	1
Subject	2.4	3	1
Description	1	1	0
Publisher	0.8	4	1
Contributor	0.4	2	3
Date	2.6	4	0
Type	1	1	0
Format	2.4	6	1
Identifier	2.2	7	0
Source	0.1	3	5
Language	1	0	1
Relation	0.1	1	5
Coverage	N/A	N/A	9
Rights	0.4	0	6

<b>Value</b>	<b>Frequency</b>
Journal (Paginated)	2229
Text	886
Article	814
Electronic Thesis or Dissertation	202
Journal (On-line/Unpaginated)	179
Thesis	172
Yes	134
Technical Report	132
NonPeerReviewed	86
Other	82
Video	61
Journal (Online / Unpaginated)	57
Book	52
Presentation	50
Working Paper	48
Conference Paper	42
Learning Object	42
Book Chapter	30
Dataset	17

<b>Value</b>	<b>Frequency</b>
Conference or Workshop Item	16
Image	16
PeerReviewed	13
No	9
Recording,oral	9
Présentation	8
Autre	7
Rapport technique/de consultation	7
Preprint	5
Monograph	3
Article de revue savante/scientifique	2
Chapitre de livre	2
Conference Proceedings	2
Texte de conférence/Séminaire	2
Article de quotidien/magazine	1
Livre	1
Objet d'apprentissage	1



# Searches

- 1628 searches between April 1/04 and June 15/05 (average 3.7 per day)
- 1277 simple, 351 advanced
- 21% returned no records



# Metadata Working Group

- “One way to get from a common core to a domain-specific interoperable implementation”
- Informal, volunteer
- Diverse membership
- First meeting September 29, 2005 at University of Ottawa
- Goal is to develop profile by mid 2006



# Goals

- Develop an AP that
  - Improves quality of aggregated metadata
  - Is practical
  - Is voluntary
- Benefits include
  - Better centralized services
  - Streamlined local practices
  - Guidance for new repositories



# Application Profiles

- A “set of metadata elements, policies, and guidelines defined for a particular application or implementation”
- Defines best practices appropriate to the application
- Examples
  - DC Library Application Profile
  - OhioLINK Digital Media Center (DMC) Metadata Application Profile



# Process for Working Group

1. Develop use cases
2. Analyze existing aggregated metadata
3. Perform gap analysis
4. Survey other APs
5. Create Canadian Repositories AP



# Challenges

- Diverse, decentralized members
- Local vs. group needs
- Simple yet effective profile
- Bilingual metadata and documents
- Developing added value





# Contact Info

Mark Jordan

[mjordan@sfu.ca](mailto:mjordan@sfu.ca)