The CARL Repositories Metadata Application Profile

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

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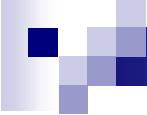
Overview

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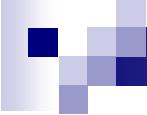
CARL IR Project

- **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

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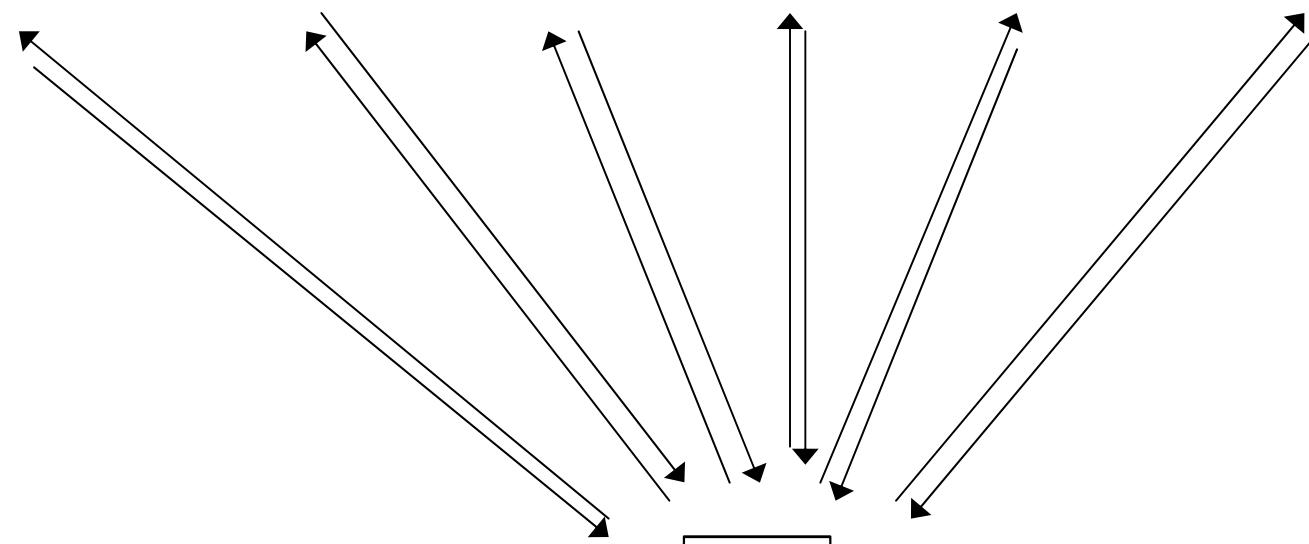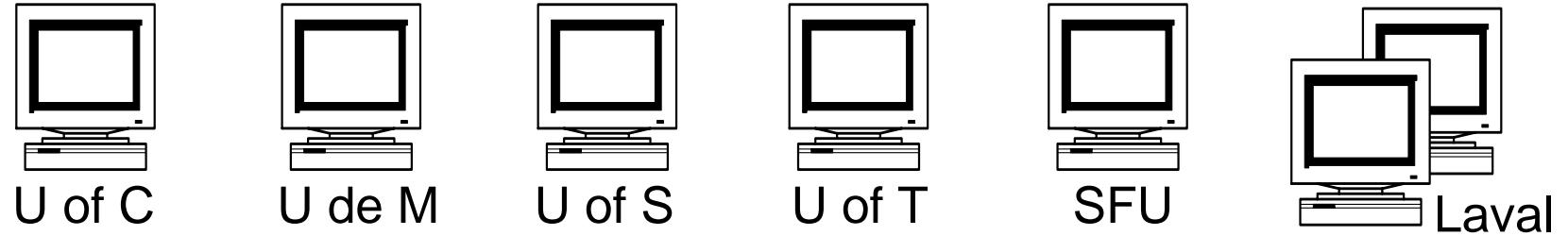
Harvester at SFU
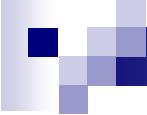
Participants

- 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
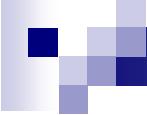
Records

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

Element	Frequency	Percentage of total
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%

Element	Average elements per record for all providers	Number of providers below average	Number of providers who do not include the element at all
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

Value	Frequency
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

Value	Frequency
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
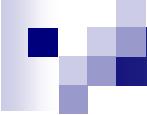
Searches

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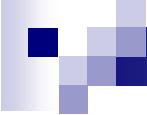
Metadata Working Group

- "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
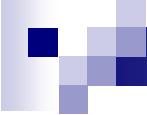
Goals

- **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
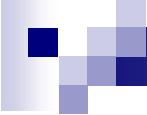
Application Profiles

- 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
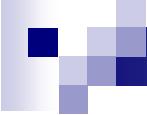
Process for Working Group

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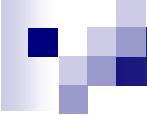
Challenges

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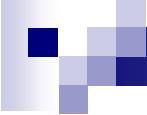
Contact Info

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