



# Institutional Repositories

## Preserving Digital Scholarship

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Here Today, Gone Tomorrow  
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# What are Institutional Repositories?

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- Provide ongoing access to an institution's scholarly output
  - Articles, working papers, books, theses, data sets, computer programs...
- Contrasted with learning object repositories (ex. <http://www.merlot.org/>)
- Contrasted with disciplinary archives (ex. <http://arXiv.org>)



# Attributes of IRs

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- Institution-based
- Open access
- Managed by libraries and communities within institution
- Interoperable, standards-based
- Variety of content



## How Do IRs Preserve Scholarship?

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- They don't, without support from the institution
- They do make scholarship more accessible
- IR service must be accompanied by sensible preservation strategies (cf. previous speakers)

# Brief History

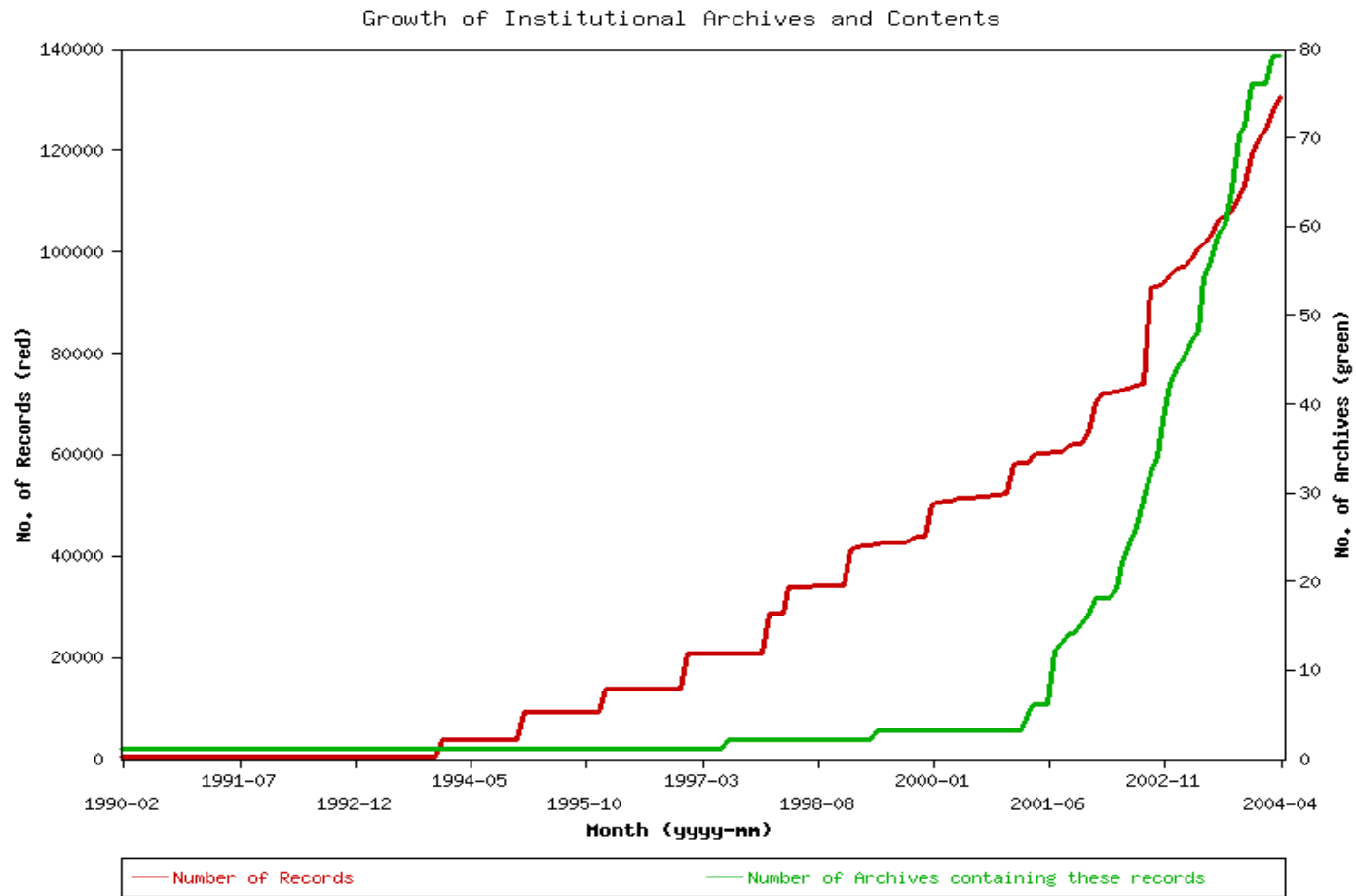
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- Eprints archives

Eg. arXiv (high energy physics archive)

- SPARC (Scholarly Publishing and Academic Resources Coalition)  
[position paper](#)

# Growth of Institutional Repositories



Institutional  
Archives  
Registry, 2004



# International IR Projects

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- Digital Academic Repositories (DARE) in the Netherlands
- Focus on Access to Institutional Resources (FAIR) Programme in the UK
- DSpace at MIT
- eScholarship at University of California



# The CARL Project

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## **6 Operational Institutional Repositories**

- **University of Calgary**
- **Université Laval**
- **Université de Montreal**
- **Simon Fraser University**
- **University of Toronto**
- **University of Waterloo**

## **7 Pilot Projects**

- **University of Guelph**
- **University of Manitoba**
- **UQAM**
- **Queens University**
- **York University**
- **University of Windsor**
- **University of Victoria**





# The CARL Project

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8 more in the planning stage.

- University of Alberta
- University of British Columbia
- Carleton University
- Dalhousie University
- McGill University
- Memorial University
- University of New Brunswick
- University of Western Ontario Alberta



# The CARL Project

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## Communities

- Canadian Centre for Studies in Publishing
- Graduate Student Association
- Department of Engineering
- Faculty of Education
- Alberta Gaming Research Institute (AGRI)
- Institute of Women's Studies and Gender Studies
- G8 Information Centre



# The CARL Project

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## Content

- Journal articles
- Learning objects
- Theses and dissertations
- Journal issues
- Photographs
- Images
- Conference Paper
- Music scores
- Data sets



# The CARL Project

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## CARL IR Project Harvester

- <http://carl-abrc-oai.lib.sfu.ca>
- Hosted and managed by Simon Fraser University Library
- Developed by the Public Knowledge Project at UBC

Home



### Harvester Stats

The CARL/ABRC OAI Harvester currently has **1453** records from **7** archives indexed, and is updated daily.



Open  
ACCESS  
Research

Welcome to the Canadian Association of Research Libraries / Association des bibliothèques de recherche du Canada's institutional repository search service.

[Advanced Search](#) | [Browse Archives](#)

Search for:  in All

[Home](#) | [Search](#) | [Archives](#) | [Links](#) | [About](#)

Software © 2003 [Public Knowledge Project](#)



# Future Prospects

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- Cultural shift in the dissemination habits of researchers
- Apply preservation standards and best practices to content
- More sophisticated linking between content in institutional repositories and traditional publications
- The development of disciplinary harvesters for IRs
- Further growth in the number and size of repositories

# Further Information

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- SPARC (Scholarly Publishing and Academic Resources Coalition) [position paper](#)
- Clifford Lynch, "[Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age](#)" (Feb 2003)
- CARL (Canadian Association of Research Libraries) [Pilot Project](#)
- Stevan Harnad, "[Maximizing University Research Impact Through Self-Archiving](#)" (December 2003)