Current Status of Institutional Repositories in Japan

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Izumi Sugita
Library Liaison Team
Scholarly and Academic Information Division
Cyber Science Infrastructure Development Department
National Institute of Informatics, Japan
What is an Institutional Repository?

NII’s Institutional Repositories Program
- Results of phase I (FY2005–FY2007)
- Prospects for phase II (FY2008 – FY2009)

How can we use the content of Institutional Repositories?
What is an Institutional Repository?
- Electronic archiving system of content produced by universities, etc. gathered and stored as digital data and made freely available to public
  - Definition of Institutional Repository:
    - “… set of services that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members” (Lynch, Clifford 2003)

Two Objectives:
- Reform dissemination of information
- Enhance social value of universities
Concept of IR

 Users

 - Search

 - Access

 - Interface, Search engine

 Institutional Repository

 - Reform of information dissemination
 - Show-case content produced by universities

 Faculty

 - Articles
 - Preprints
 - Departmental bulletin papers
 - Technical papers
 - Thesis & Dissertations
 - Presentations
 - Teaching materials
   - Database
   - Software
   etc.

 Readers

 Writers
Outline of CSI Initiative for IRs Phase I (FY2005–2007)

- Pilot project (FY2005):
  - NII selected 19 universities

- Full-fledged project (FY2006-2007):
  - Objectives:
    - To expand nationwide installation of institutional repositories
    - To boost innovative R&D
  - Two project areas:
    - Area 1 (construction and operation of institutional repositories)
    - Area 2 (innovative R&D)
  - Competitive selection process:
    - Open call for proposals

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<th>FY2005</th>
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<td>Area 1</td>
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<td>Area 2</td>
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Increase in Number of IRs in JAPAN

Pioneers: Chiba, Hokkaido, Waseda

13 IRs April 2006

47 IRs April 2007

76 IRs March 2008

Partners from 2005

Partners from 2006

Partners from 2007

Others
World total: 1108
- Japan is fourth with 67

Open Directory of Open Access Repositories (DOAR)
http://www.opendoar.org/ (Last accessed: 2008/03/19)
Number of items deposited

JuNii+ (number of IRs: 60, total number of content items: 273,852)

- Journal articles: 48,898
- Theses and dissertations: 25,825
- Departmental bulletin papers: 142,872
- Conference papers: 2,373
- Books: 1,092
- Technical reports: 465
- Research reports: 7,531
- Preprints: 101
- Presentation materials: 854
- General articles: 4,701
- Learning materials: 2,557
- Data/database: 442
- Misc: 36,141
- Total: 273,852


(last accessed: 2008/03/26)
Breakdown by Nippon Decimal Classification (NDC)

- 97,091 items (Input rate: 42.7%)

Date: 2008/01/09, 49IRs
Language: Input rate: 95.2%
31 languages

Date: 2008/01/09, 49IRs
Case study: Nagoya Repository

- Registered number (Accumulation):
  - 15%: 1,014
  - 5%: 360
  - 75%: 4,939
  - Total: 60

- Download number (Accumulation):
  - 10%: 48,904
  - 25%: 120,839
  - 49%: 239,609
  - Misc: 55,429
  - Total: 22,278

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Achievements and Lessons from Phase I

Achievements:

– Area 1:
  • Increased number of IRs and their contents

– Area 2:
  • Clarified technical and institutional problems
  • Established librarian community:
    – Digital Repository Federation (DRF)
    – Database of Society Copyright Policy Japan (SCPJ)

Lessons & Issues:

– How to keep sustainability/maintain momentum?
– Some system development projects in the area 2 are not spreading to other institutions
Keys to Phase II:

- Emphasis on sustainable and self-supported activities

- Area 1:
  - focus on priority resource type content, such as theses and dissertations, reports and related data from grants-in-aid research, and departmental bulletin papers, etc.

- Area 2:
  - stress projects with wider applications and innovative additional values
NII’s three activities for supporting IRs

- **Content Construction:**
  - Digitization and supply of journal articles; “CiNii/ELS”
  - Communication and adjustment with academic societies
  - Recommendation to SPARC partners “Repository Friendly Policy”
  - Supply the system for dissemination “Departmental Bulletin Papers”

- **Support for Collaboration:**
  - Training for academic portal specialist with DRF
  - Seminars, workshops, symposiums, etc.

- **System Cooperation:**
  - Defining standard metadata format; JuNii2
  - Developing and providing IRs portal; JuNii+
  - Cooperation with other services
JuNii+: Japanese IRs portal

JuNii+ (test version)
http://juniiplus.csc.nii.ac.jp/

Full text

Metadata of Journal articles & Bulletin papers will go to CiNii

Crawl / harvest

Search engines
- Google Scholar
- Google
- OAIster

Institutional repositories

Federated search over all institutional repositories in Japan that are compliant with metadata format junii2
For more information...

http://www.nii.ac.jp/irp/en/
ir@nii.ac.jp