Current Status of Institutional Repositories and Community in Japan

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About role of my team in NII

Support open access to the Scholarly Information in institutional repositories (IRs).

Three Approaches

1. Support the distribution of scholarly information.
2. Support creation of institutional repositories.
3. Support IRs community.
1. Support the distribution of scholarly information in IRs

IRs in Japan:
- JAIRO Cloud
- A Univ.
- B Univ.
- C Univ.
- D Univ.
- E Univ.

Increased need for IR creation by universities:
- National Diet Library (NDL):
  Doctoral thesis collection system
- Japan Link Center (JaLC):
  DOI registration system
- NII:
  CiNii Articles
  Academic articles database
- JAIRO
  Database which academic information accumulated in Japanese institutional repositories can be searched for cross-sectionally.

Metadata harvesting

Enhanced usefulness of IRs in distribution of scholarly information
2. Support creation of IR

NII-funded Programs

NII-IRP (Institutional Repository Program)

• Phase 1: FY2005-2007
• Phase 2: FY2008-2009
• Phase 3: FY2010-2012

Three categories of funding

• Area 1: Support for developing IRs and content creation
• Area 2: Research and development
• Area 3: Support for community activities

<table>
<thead>
<tr>
<th>Categories</th>
<th>Phase 1</th>
<th>Phase 2</th>
<th>Phase 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2005</td>
<td>2006</td>
<td>2007</td>
</tr>
<tr>
<td>Area 1 (institutions)</td>
<td>19</td>
<td>57</td>
<td>70</td>
</tr>
<tr>
<td>Area 2 (Projects)</td>
<td>-</td>
<td>22</td>
<td>14</td>
</tr>
<tr>
<td>Area 3 (Projects)</td>
<td>-</td>
<td>-</td>
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</tr>
</tbody>
</table>
Expansion IRs until 2012

Built on IRs

up to x130

Mar-05 Mar-06 Mar-07 Mar-08 Mar-09 Mar-10 Mar-11 Mar-12

2 10 58 101 144 193 228 260
Change in policy

NII changes in IRs support policy.

foundation ➔ creation

JAIRO Cloud
What is JAIRO Cloud?

- JAIRO Cloud is a shared institutional repositories facility in Japan.
- SaaS-type cloud service for institutional repositories.
- Started in FY2012.
- Repository software is “WEKO” developed by NII.

Three Points

1. Server Administration : NII
2. Contents management: Institutions
3. Participating: Community
Structure of JAIRO Cloud

Institutions
- Registering and publishing content
- Screen UI management

NII
- Software management, Initial Settings, Update
- OS management
- Hardware management
- Network management

Example for JAIRO Cloud

JAIRO Cloud Community Site

https://community.repo.nii.ac.jp/ (In Japanese Only)
Charge for JAIRO Cloud from FY2017

- Initial Stage (FY2012-2016) : Free-of-charge

- Second Stage (FY2017-) : Charged

By the number of faculty members of each institutions

Star Not adopt a volume charging system as the number of contents.
## List of charges

<table>
<thead>
<tr>
<th>Number of faculty members</th>
<th>Usage fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-100</td>
<td>40,000 Yen + tax</td>
</tr>
<tr>
<td>101-200</td>
<td>80,000 Yen + tax</td>
</tr>
<tr>
<td>201-300</td>
<td>120,000 Yen + tax</td>
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<tr>
<td>1,301-1,400</td>
<td>560,000 Yen + tax</td>
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<tr>
<td>1,401-1,500</td>
<td>600,000 Yen + tax</td>
</tr>
<tr>
<td>Over 1,501</td>
<td>640,000 Yen + tax</td>
</tr>
</tbody>
</table>

* From 40,000 Yen to 64,000 Yen
Expansion of JAIRO Cloud

up to x 4.5 in 3 years

Mar-2013: 284, 73
Mar-2014: 301, 130
Mar-2015: 316, 210
Mar-2016: 310, 288
Oct-2016: 302, 329
Current number of IRs in Japan

302 + 329 + 124

Other software  JAIRO Cloud  Under construction on JAIRO Cloud

= 755 IRs

Oct-2016
Feature of Japanese IRs contents

Number of contents (full text)

- Journal Article
- Departmental Bulletin Paper

Categories:
- Others
- Software
- Data or Dataset
- Learning Material
- Preprint
- Research Paper
- Technical Report
- Presentation
- Conference Paper
- Thesis or Dissertation
- Journal Article
- Article
- Book
- Departmental Bulletin Paper
3. Support IR Community

- Digital Repository Federation (DRF), since 2006
- JAIRO Cloud Community, since 2012
- Institutional Repository Promotion Committee (IRPC), since 2013

Japan Consortium for Open Access Repository (JPCOAR)

https://jpcoar.repo.nii.ac.jp (Japanese only)
About JPCOAR

• New repository consortium in Japan
• Established in July 2016
• Number of participants are 376 institutions (start-up)

Mission

• Accelerate Open Science and Scholarly Communication
• Co-operate JAIRO Cloud
• Increase the number of IR contents (e.g. journal articles, research data...)
• Plan and Conduct the training
• International Cooperation
Working Group & Task Force

• Working Group
  • Training WG
  • JAIRO Cloud Operation WG
  • Promotion WG

• Task Force
  • Next Generation Metadata Schema TF
  • Research Data TF
  • Open Access Policy and Tracking TF
  • Repository Evaluation TF
  • ORCID TF
Pick up WG activity

- **Training WG**
  - Training IR staff
    - Plan and conduct 2days training five times a year
    - Total 139 students

- **JAIRO Cloud Operation WG**
  - Support to JAIRO Cloud operation
  - Support to move to JAIRO Cloud from other repository software

- **Promotion WG**
  - Promote JPCOAR
  - Assigned abroad
    - CRIS2016, OR2016
    - Asia OA Summit

Now!
Pick up TF activity

• **Next Generation Metadata Schema TF**
  • Preparation renew junii2* (Big Challenge!!)
    * junii2 is a “Dublin Core” application profile for institutional repository with an OpenURL compliant schema.
    It has been adopted by almost all IRs in Japan.
  • Offering opinions from Nov. 8, 2016

• **Research Data TF**
  • Creating RDM Training tool
  • RDM Training tool will provide by MOOCs

• **Open Access Policy and Tracking TF**
  • Support to development OA Policy
  • Creating OA tracking system
Expectation for JPCOAR

Almost Japanese University and Institutions join to JPCOAR

And make five missions come true...

And make further progress OA in Japan.
Thank you

If you have a question.
Please contact E-mail.
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