IFLA 2010 satellite Meeting 7

Open Access and the Changing Role of Libraries

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OA as driving force to make library services more patron-centered

The projected future of Japanese academic library landscape

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Outline

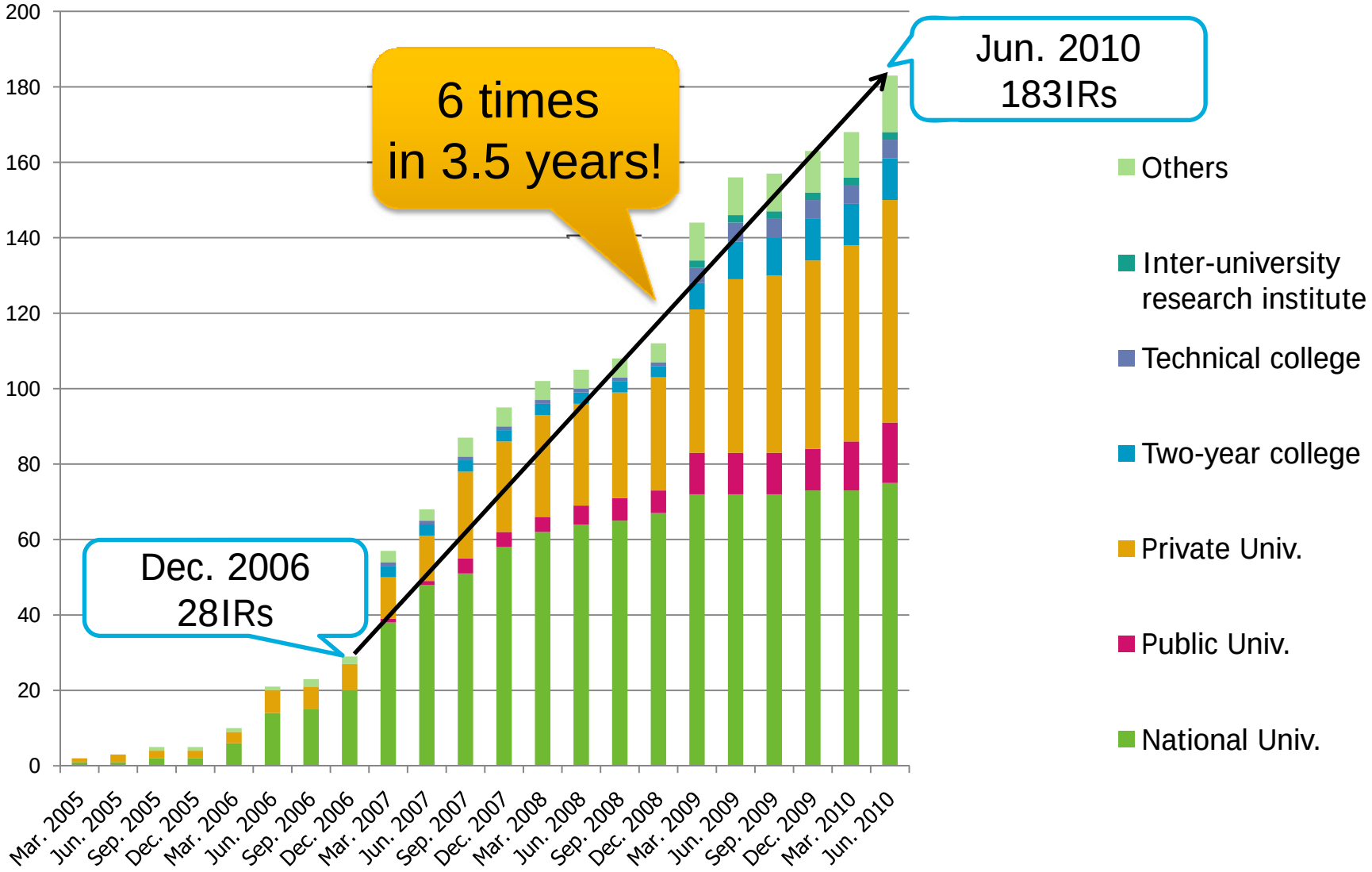
- Current status of IRs in Japan
  - Increase in the number of IRs and content deposited
  - Portal services of Japanese IRs
- OA and the changing roles of research libraries
  - Internal efforts for reform
  - Externally expanding roles
- Landscape of the future
  - Prospects for IRP's 3rd period (FY2010 – 2012)
    - 1st period: FY2005-2007
    - 2nd period: FY2008-2009
  - New community based on the SPARC Japan and IRP

Introduction

- Realize the implications of IRs
  - Researcher = reader + author
  - Mr. Koichi Ojiro (Dec. 2006) , DRF-ML
    http://drf.lib.hokudai.ac.jp/drf-ml/100/194.html
    - “Librarians used to tend to regard faculty as more consumers (readers) than producers (authors).
      But librarians need to work more closely with them in promoting institutional repositories.”
    - “ One of greatest hidden benefits for libraries which are given from OA movement is a pleasure that librarians will derive new ideas for expanding services through closer contact with teaching and research faculties as producers (authors) .”

Growth of IRs and content deposited -1

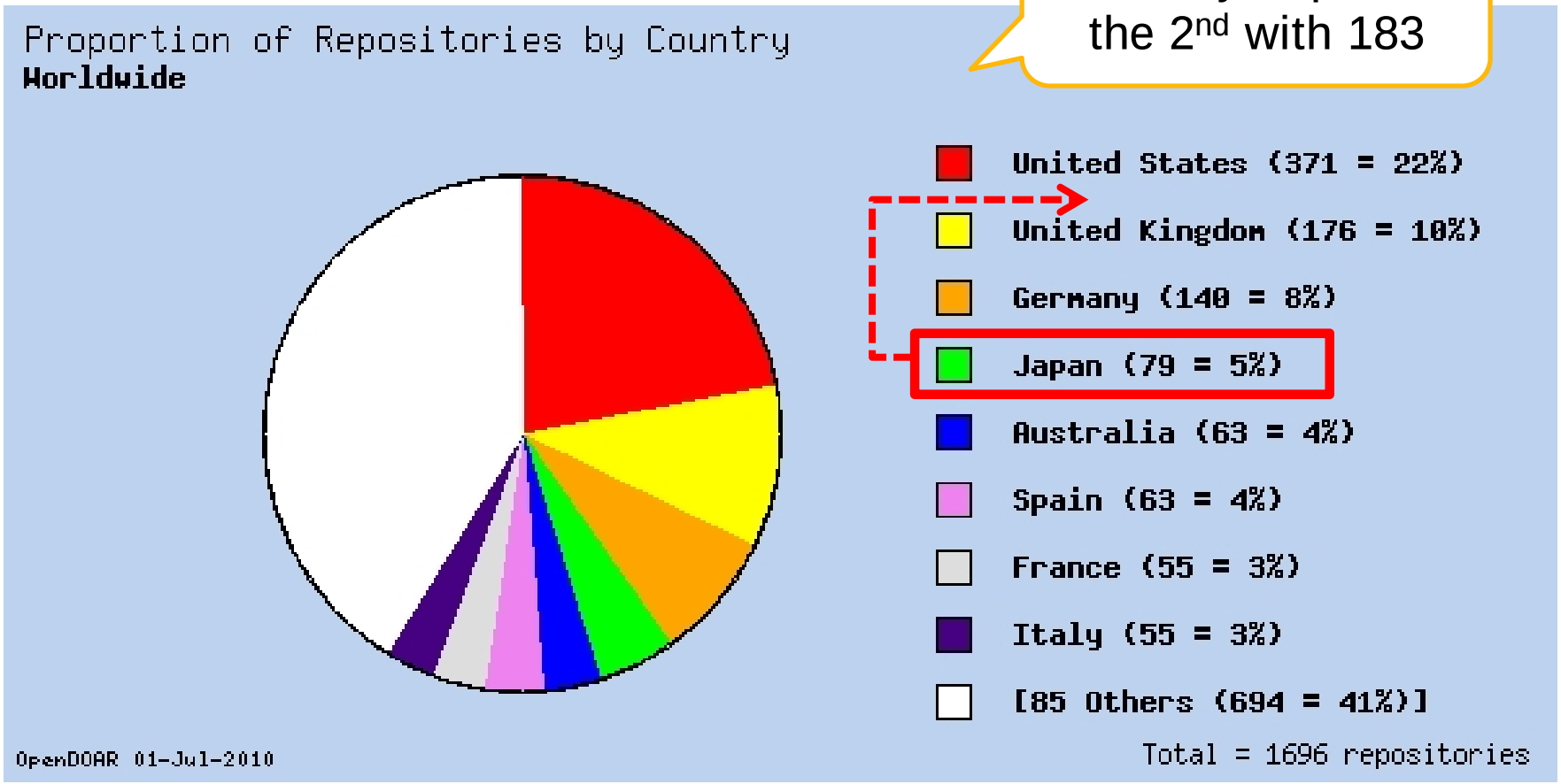
The number of IRs in JAPAN



Growth of IRs and content deposited -2

- World total：1696
  - Japan is the fourth with 79

Actually, Japan is the 2nd with 183



Open DOAR: Directory of Open Access Repositories
http://www.opendoar.org/ （2010/07/01）

Growth of IRs and content deposited -3

Breakdown by kinds of universities and colleges (June. 2010)

	IRs	Number of universities and colleges	Percentage
	(A)	(B)	(A/B)
National	*75	86	87%
Public	**16	92	17%
Private	***59	595	10%
Subtotal	150	773	19%
Others	****33	-	-
Total	183	-	-

- Regionally shared repository is very effective for middle and small institutions which have difficulties in establishing their own repository.
  - * include 2 shared repositories
  - ** include 8 shared repositories
  - *** include 31 shared repositories
  - **** include 25 shared repositories
- NII funds the “Shared Repository project (ShaRe)”.
  - Leading Institution: Hiroshima University

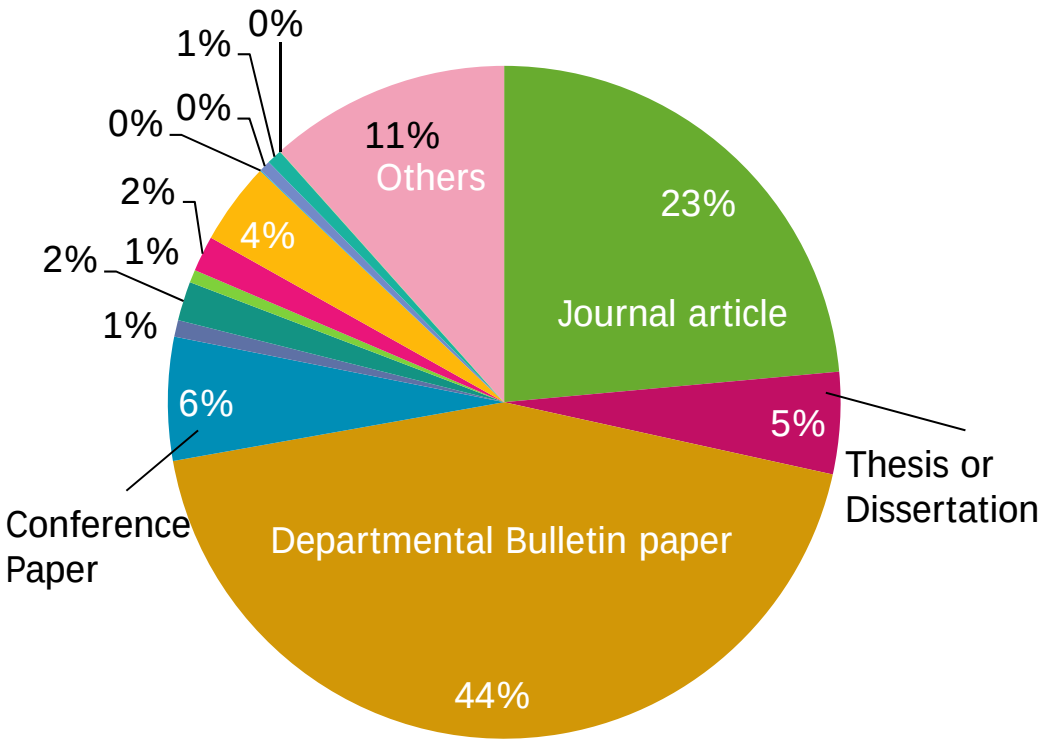
http://www.lib.hiroshima-u.ac.jp/share/share.html

Growth of IRs and content deposited -4

Number of materials deposited

NII Institutional Repositories DataBase Contents Analysis

(2010/06/30 Number of Organizations 155, Number of records: 946,801)

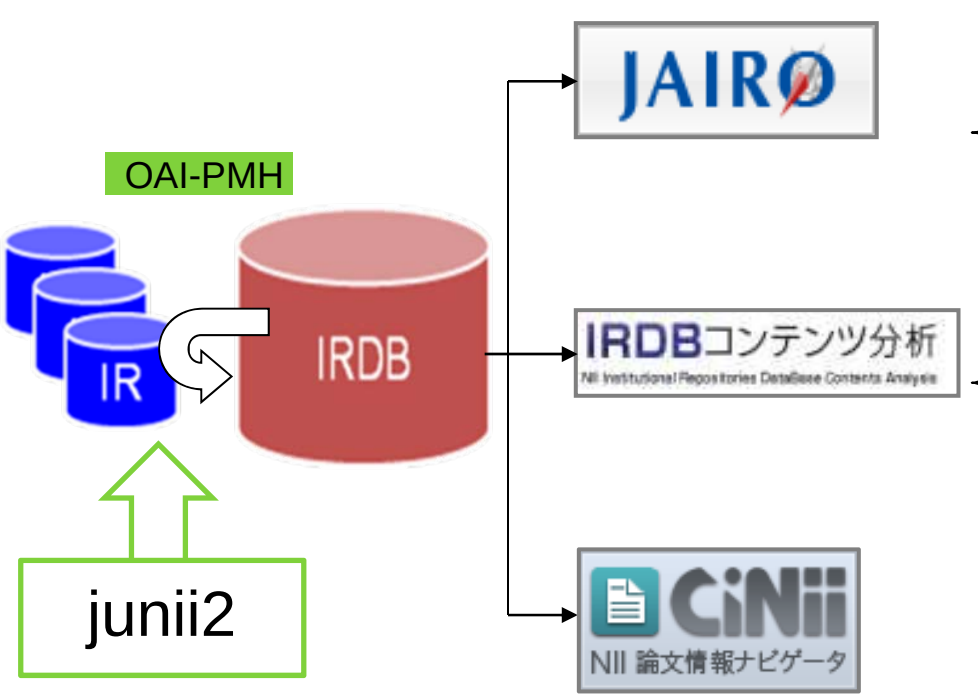


content types	Number of records	Ratio of full text
Journal Article	222,926	43.5%
Thesis or Dissertation	46,426	72.9%
Departmental Bulletin Paper	414,306	88.5%
Conference Paper	56,059	18.5%
Presentation	7,545	33.6%
Book	17,841	45.8%
Technical Report	5,792	85.2%
Research Paper	16,256	86.6%
Article	37,304	82.1%
Preprint	323	90.1%
Learning Material	5,137	35.4%
Data or Dataset	7,019	98.0%
Software	8	25.0%
Others	109,859	92.5%
SUM	946,801	71.7%

- NII Institutional Repositories DataBase Contents Analysis
  http://irdb.nii.ac.jp/analysis/index_e.php （Last accessed：2010/07/01）

Portal services of Japanese IRs -1

NII harvests almost all Japanese IRs



- JAIRO is a “gyroscope” of IR content
- Use it to search all IRs in Japan at once!

- IRDB Content Analysis shows how content is growing and gives details about each IR.

- CiNii is the largest database of academic journal articles in Japan.
- Metadata on journal articles and departmental bulletins goes to CiNii and is linked to the full texts in the IRs.

- junii2 is “Dublin Core” application profile for institutional repository with a OpenURL compliant schema.
-It has been adopted by almost all IRs in Japan.
http://www.nii.ac.jp/irp/en/archive/pdf/junii2_en_20090213.pdf

Portal services of Japanese IRs -2

- JAIRO : Japanese Institutional Repositories Online

Portal services of Japanese IRs -3

IRDB Content Analysis System

IRDBコンテンツ分析

NII Institutional Repositories DataBase Contents Analysis

›About Us ›Help ›News
›Contact Us ›Japanese

Search by "Organization name" etc. : SEARCH

HOME BROWSE

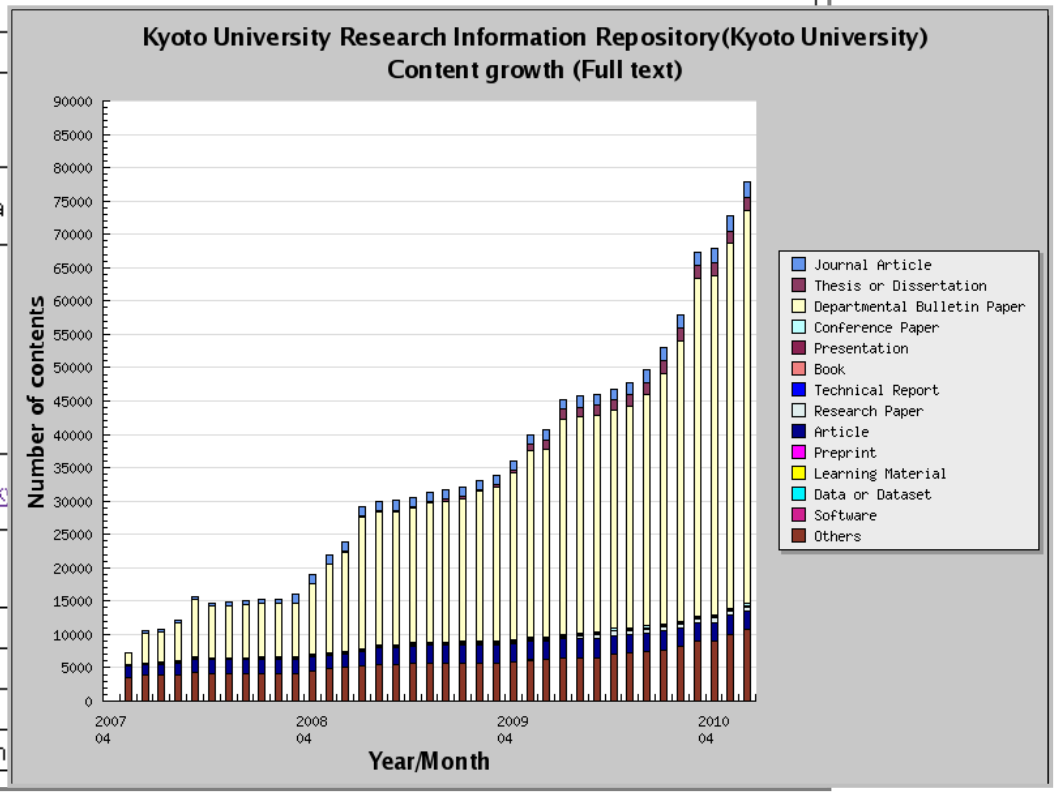
We are providing statistics of Japanese Institutional Repositories DataBase.
›more

[2010/02/28 Number of Organizations 145, Number of records ALL: 823,655, Full text 588,150]

Organization Code	14301
Organization name	Kyoto University

Repository 1

Institutional repository name	Kyoto University Resea
Institutional repository Top Page	No Image
URL of Institutional repository	http://repository.kulib.k
Institutional repository Logo	KURENAI Kyoto University
Software	DSpace
Trial release date	2006/06/07
Release date	2006/10/02
Comment	This IR cooperates with

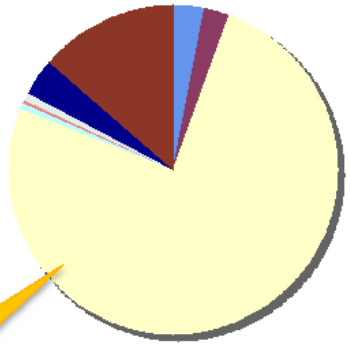


The case of Kyoto university's IR "KURENAI"

Policies of Kyoto university's IR "KURENAI"

Breakdown of content by resource type (ratio)

Journal Article	2,307 (3.0%)
Thesis or Dissertation	1,939 (2.5%)
Departmental Bulletin Paper	59,030 (75.8%)
Conference Paper	266 (0.3%)
Presentation	88 (0.1%)
Book	106 (0.1%)
Technical Report	1 (0.0%)
Research Paper	647 (0.8%)
Article	2,819 (3.6%)
Preprint	1 (0.0%)
Learning Material	6 (0.0%)
Data or Dataset	8 (0.0%)
Software	2 (0.0%)
Others	10,665
SUM	953



›Detailed figu
clicking.

76% are Departmental Bulletin Papers

To timely deposit articles which have attracted attention as a showcase of the university.
Ex. Nobel prize article

Support to publish more than 80 e-journals by using IR "KURENAI"

OA and the changing roles of research libraries - 1

- Do you think the OA activities (including IR) are changing the roles of the research libraries?

Yes, I do! IR will be a new challenge and a great opportunity!

- Two directions
  - Internal efforts for reform
    - Research librarians reorganize their works and services

Shift the focus from service for readers to service for authors

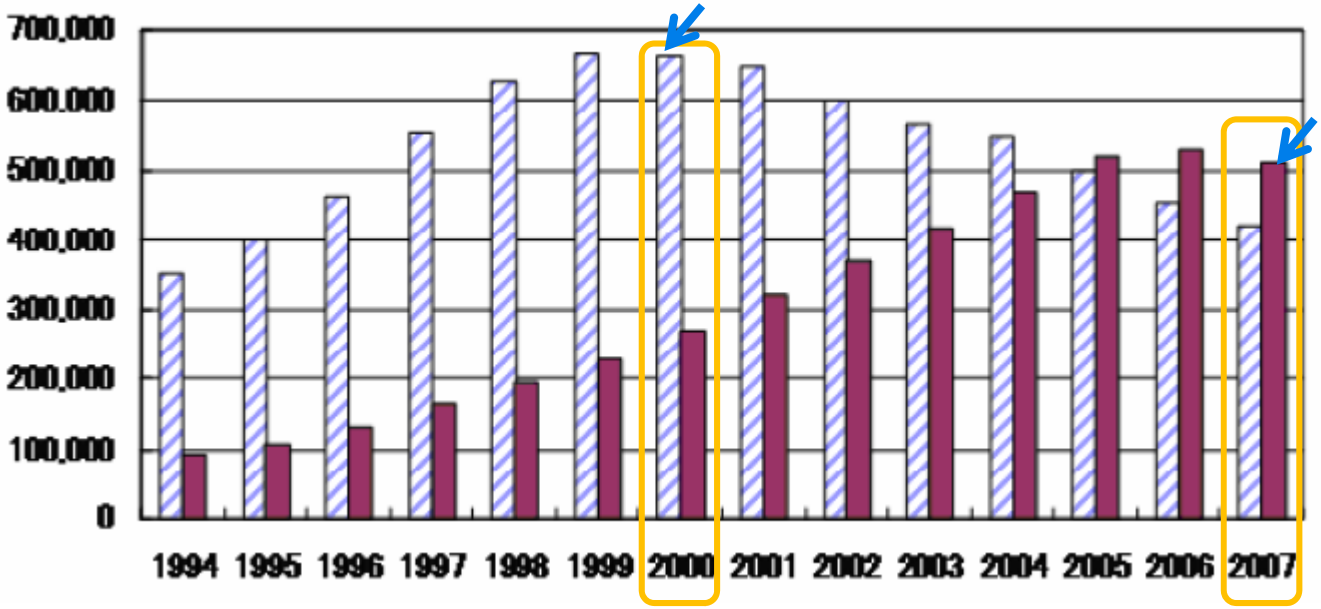
  - Externally expanding roles
    - Research librarians expand their roles outside the university

Create services for researchers as an author and an editor

OA and the changing role of academic libraries - 2

Internal efforts for reform

- Inter-library loan/document delivery (ILL/DD) services in research libraries have rapidly decreased



BLUE : the number of ILL/DD transactions of international journal articles between the research libraries in Japan.

PURPLE : for domestic journal articles in Japan.

(Tutiya et al., Analysis provided by REFORM Project as of July, 2008)

- Presumabl causes that can be considered
  - "Big Deal" of the foreign electronic journals
  - OA activities; Many of house journals are digitalized and disseminated by IRs; user can get articles without using the ILL/DD service.

OA and the changing role of research libraries - 3

- "IR cures ILL" project (FY2008-2009)

  Leading Institution; Otaru University of Commerce

  http://drf.lib.hokudai.ac.jp/drf/index.php?IRcuresILL%20%28in%20English%29

  - ILL/DD Transactions data analysis; number of requests of each article
    - A maximum of 118 requests were issued for one article.
      - It was a pleasure for authors of popular article.
      - They are in favor having the OA articles in IR.
  - One scan is better than 118 copies absolutely!
    - Benefit for libraries
      - Reduce the workload of ILDD duties by the increase of OA articles.
    - Benefit for readers
      - Save user's time and money.
    - Benefit for authors
      - Know the impact of the articles
    - We can improve library service and can reduce our work!

Kill two birds with one stone!

OA and the changing role of research libraries - 4

- Externally expanding roles
  - Supporting publishing on campus
    - Kyoto University launched a peer reviewed e-only journal “Contemporary and applied philosophy” by using IR.
    - Collaborate with “Japanese Association for the Contemporary and Applied Philosophy (JACAP)”
    - System: DSpace and OJS

    http://openjournals.kulib.kyoto-u.ac.jp/ojs/index.php/cap/index

One of the staff members in charge of operating “KURENAI” says:
“It was very informative to learn about the needs of smaller academic societies in the field of social sciences and humanities”

Create services for researchers as an author or an editor

Landscape of the future -1

- NII-IRP (Institutional Repositories Program)
  http://www.nii.ac.jp/irp/en/
  - 1st period: FY2005-2007
  - 2nd period: FY2008-2009
  - 3rd period: FY2010-2012
  - Three categories of funding
    - Area 1: Content creation for new IRs (24 institutions)
    - Area 2: Research and development (8 projects)
      - ✓ Case study to accelerate the deposit of content (e.g. Theses and Dissertations, Government-funded research publications)
      - ✓ Development of new added-value services, etc.
    - Area 3: next page

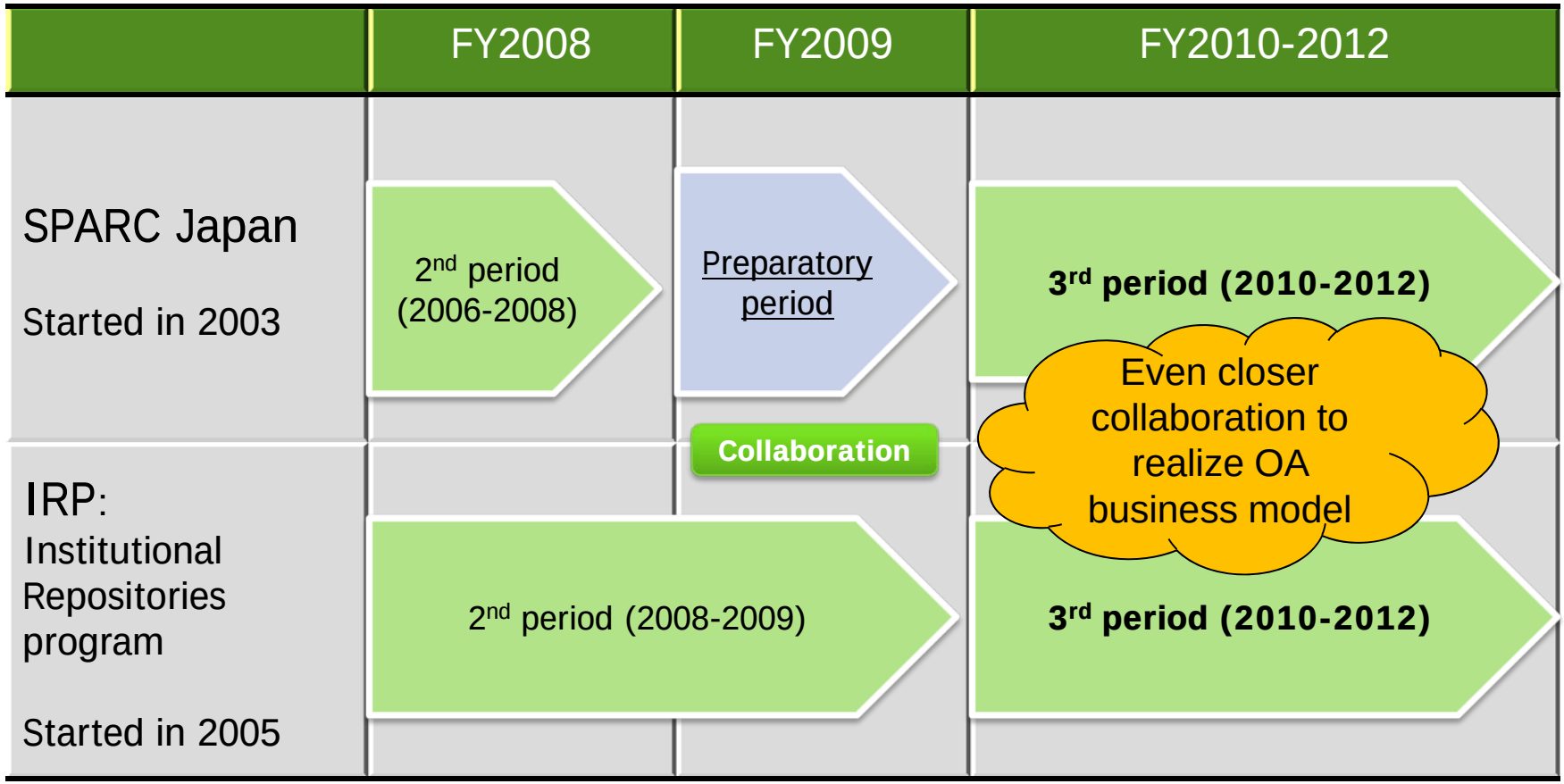
Landscape of the future -2

- NII-IRP (Institutional Repositories Program) 3rd period (FY2010-2012)
  - Three categories of funding
    - Area 3: Support for community activities (5 projects)
      - ✓ DRF; Community of repository managers (include international collaboration; participation in COAR)
      - ✓ SCPJ; Development of the OA policy of academic societies in Japan (include collaboration with SPARC Japan)
      - ✓ ShaRe; Promote the shared repository, etc.
  - Development of NII's system infrastructure
    - Provide low-cost system resources by provisioning cloud computing facilities such as an ASP (Application service provider) services.

Landscape of the future -3

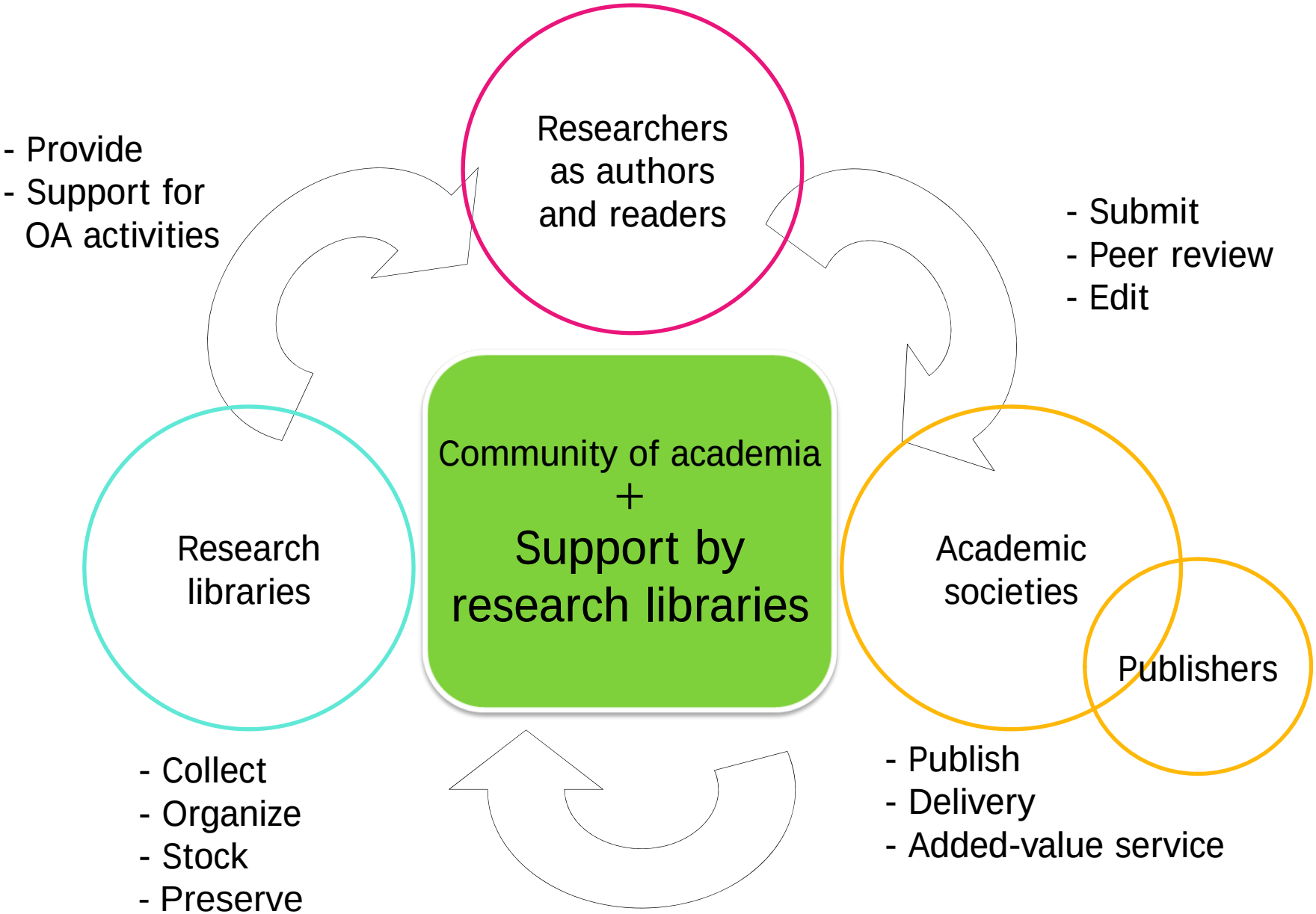
- A new community integrating SPARC Japan and NII-IRP
  - Yet another activity for the OA: SPARC Japan
    - International Scholarly Communication Initiative
      - Named “SPARC Japan” in 2006 on the basis of MOU with ARL (Association of Research Libraries)
  - Goals
    - Development of business models for the journals published by the Japanese academic societies
    - Promotion of collaboration with research libraries
    - Development of advocacy activities

Collaboration SPARC Japan and IRP



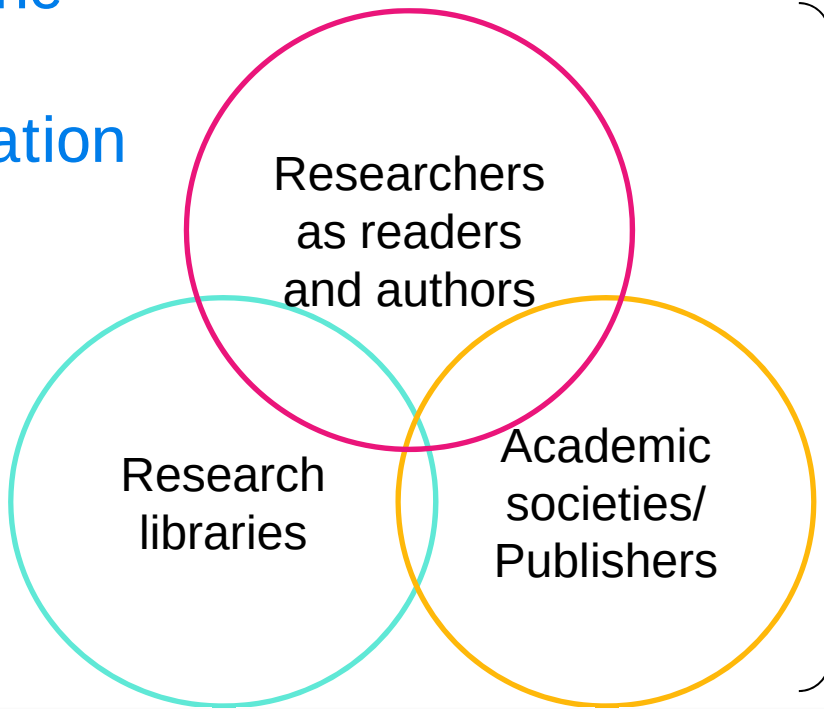
- A new community is emerging
  - We are jointly planning seminars to learn from each other
  - Function enhancement of the “Society Copyright Policies in Japan: SCPJ” database. (Leader Institution; Tsukuba University)

Regenerate the “Circle of Gift”



New horizon of the scholarly communication

Ocean of the scholarly communication



Propeller of the "Ship of OA"

They are sailing the new horizon of the scholarly communication forward.

Ship of OA

International Collaboration
Academic policy perspective
Research assessment exercise

Thank you for your attention!

For more information…

Website:

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

http://www.nii.ac.jp/sparc/en/

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