



## NII supports 74 institutions and 21 projects through its FY2009 CSI-commissioned projects (for academic information).

- Two objectives: Nationwide development of IRs / Development of cutting-edge technologies
- Two project areas: Area 1: Further expanding IRs and creating content: 74 partners  
Area 2: Building new services through collaboration among IRs: 21 projects

**PHASE 1**  
FY2005  
-2007

2005: 19 partners  
2006: 57 partners, 22 projects  
2007: 70 partners, 14 projects

**PHASE 2**  
FY2008  
-2009

Further nationwide expansion/ Focus on sustainability  
2008: 68 partners, 21 projects

CSI: Cyber Science Infrastructure   <http://csi.nii.ac.jp/en/>

FY2009 CSI-commissioned projects (for academic information) Area 2 project list

Project themes	Projects	Lead institution	Participating institution	Contributing institution	
Development of technology to reinforce dissemination of information	Developing an Electronic Publishing System based on the platform of Institutional Repositories	Nagoya Univ.		Kyushu Univ.	
	Development of a Journal Editing and Publishing System(ePubs)	Waseda Univ.		Kyoto Univ. Hiroshima Univ.	Nagasaki Univ. Saga Univ.
	Access path to Institutional Resources(AIRway)	Hokkaido Univ.		Kyushu Univ. Univ. of Tsukuba	Chiba Univ. Nagoya Univ. etc.
	Developing Intersystem Tools for Institutional Repositories	Nagoya Univ.		Gifu Univ.	
	Initiative for XooNlps-based new repository system	Keio Univ.		Kinki Univ. Sapporo Medical Univ.	Beppu Univ. Kwassui Women's College
	Mailidentity Program	Kanazawa Univ.		Waseda Univ. Kyushu Univ.	Shinshu Univ. Chiba Univ. etc.
	Structuralization of Tsukuba Science Repository (TSR) for value improvement	Univ. of Tsukuba		Tsukuba Univ. of Technology	
Collaboration among IRs	The development of an open access and bi-directional repository for medical science	Sapporo Medical Univ.			
	Repository of Archaeological Reports	Shimane Univ.		Tottori Univ. Okayama Univ.	Hiroshima Univ. Yamaguchi Univ. etc.
	Shared Repositories Project (ShaRe)	Hiroshima Univ.		Okayama Univ. Hiroshima Institute of Technology	Yamagata Univ. Saitama Univ. etc.
	Development of Education Subject Repository	Tokyo Gakugei Univ.			
Research on ensuring the sustainability of IRs and enhancement of their value	Digital Repository Federation(DRF)	Hokkaido Univ.	Chiba Univ. Osaka Univ. Hiroshima Univ.	Otaru Univ. of Commerce Univ. of Tsukuba	Tokyo Institute of Technology Tokyo Univ. of Foreign Studies etc.
	Framework for sustainable upgrading of repositories by way of creation of a user community	Chiba Univ.		Osaka Univ. Hiroshima Univ.	Shimane Univ. Kagawa Univ.
	Copyright policy management on open access and self-archiving (SCPJ project 2)	Univ. of Tsukuba		Hokkaido Univ. Chiba Univ.	Tokyo Institute of Technology Kanazawa Univ. etc.
	Human Resource Development for Sustainable Institutional Repositories	Kyushu Univ.		Saga Univ. Nagasaki Univ.	Kumamoto Univ. Univ. of Miyazaki etc.
	Standardization of usage statistics for IR evaluation	Chiba Univ.		Tohoku Univ. Kanazawa Univ.	Hokkaido Univ. Osaka Univ.
	Research Visibility Analysis System Project	Shinshu Univ.		Saitama Univ.	Keio Univ.
	IRcuresILL	Otaru Univ. of Commerce		Hokkaido Univ. Chiba Univ.	Kanazawa Univ. Osaka Univ. etc.
	Input/Output Activation for Research Communities to be Involved with Institutional Repositories	Kyushu Univ.		Saga Univ.	Chiba Univ.
	Zoological Science meets Institutional Repositories	Hokkaido Univ.		Kyoto Univ. Kanazawa Univ.	Osaka Univ. Chiba Univ.
Surveys and research concerning the possibility of collaboration between e-Science projects and IRs	In vivo experiment of data curation for repository-based e-Science	Chiba Univ.		Kanazawa Univ. Kyushu Univ.	Hokkaido Univ. Osaka Univ.

IRs open up a new horizon in scholarly communication



NII Institutional Repositories Program

- There is an increasingly significant responsibility on the part of universities and other academic institutions to share the fruits of intellectual inquiry with the society at large. Institutional Repositories (IRs) play an important role in fulfilling the missions of these institutions with regard to education, research, and social contribution.
- Through cooperation and collaboration with academic institutions, the National Institute of Informatics (NII) is supporting construction of IRs and liaison among them as part of its Next-Generation Academic Information Infrastructure project.

The number of content items registered with the Portal for Institutional Repositories in Japan:

More than  
670,000

(June 2009)

The number of IRs in Japan:

4th in the world

(June 2009)

The number of IRs in Japan:

Increased to over  
100 in just four years

(June 2009)



# Supporting creation of and cooperation among academic IRs to further reinforce the ability of universities to disseminate the fruits of their research and educational activities

<http://www.nii.ac.jp/irp/>

Definition (Clifford A. Lynch, 2003)

A university-based institutional repository is a 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.



## Three Support Programs of the NII IRP

1

### Content Provision

- Digitization of academic journal articles and provision of the digitized content
- Confirmation of the copyright policies of academic societies as they pertain to IRs
- Support for dissemination of papers published in departmental bulletins and provision of their contents to IRs
- Encouragement of an IR-friendly policy on the part of journals partnered in SPARC Japan\*

2

### Systems Integration

- Provision of the "junii2\*\*" metadata format
- Harvesting and collection of metadata from IRs using OAI-PMH\*\*\*
- Development and provision of JAIRO, a portal for Japan's IRs

3

### Community-Building

- CSI conference, training courses for librarians, workshops, and symposiums

#### \* SPARC Japan:

An NII program promoting greater dissemination of Japanese research results overseas by supporting and enhancing the distribution of publications by Japanese academic societies in the form of electronic journals.

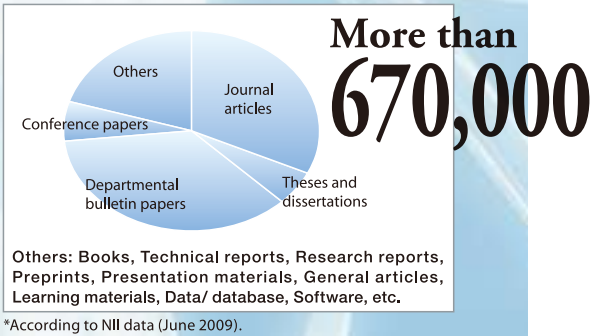
#### \*\* junii2:

A metadata format developed by NII corresponding to the international standard metadata set "Dublin Core". It has become the de facto standard for IRs in Japan.

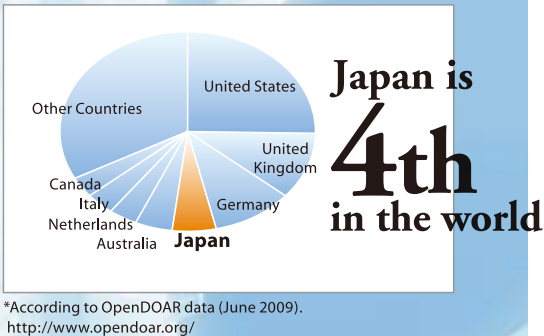
#### \*\*\* OAI-PMH:

An international standard protocol for the automated harvesting of metadata from IRs (data providers) by search engines (service providers).

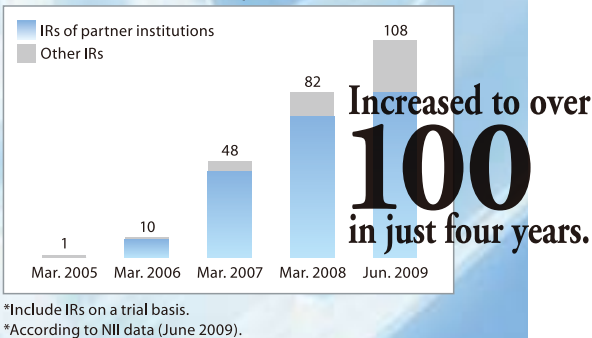
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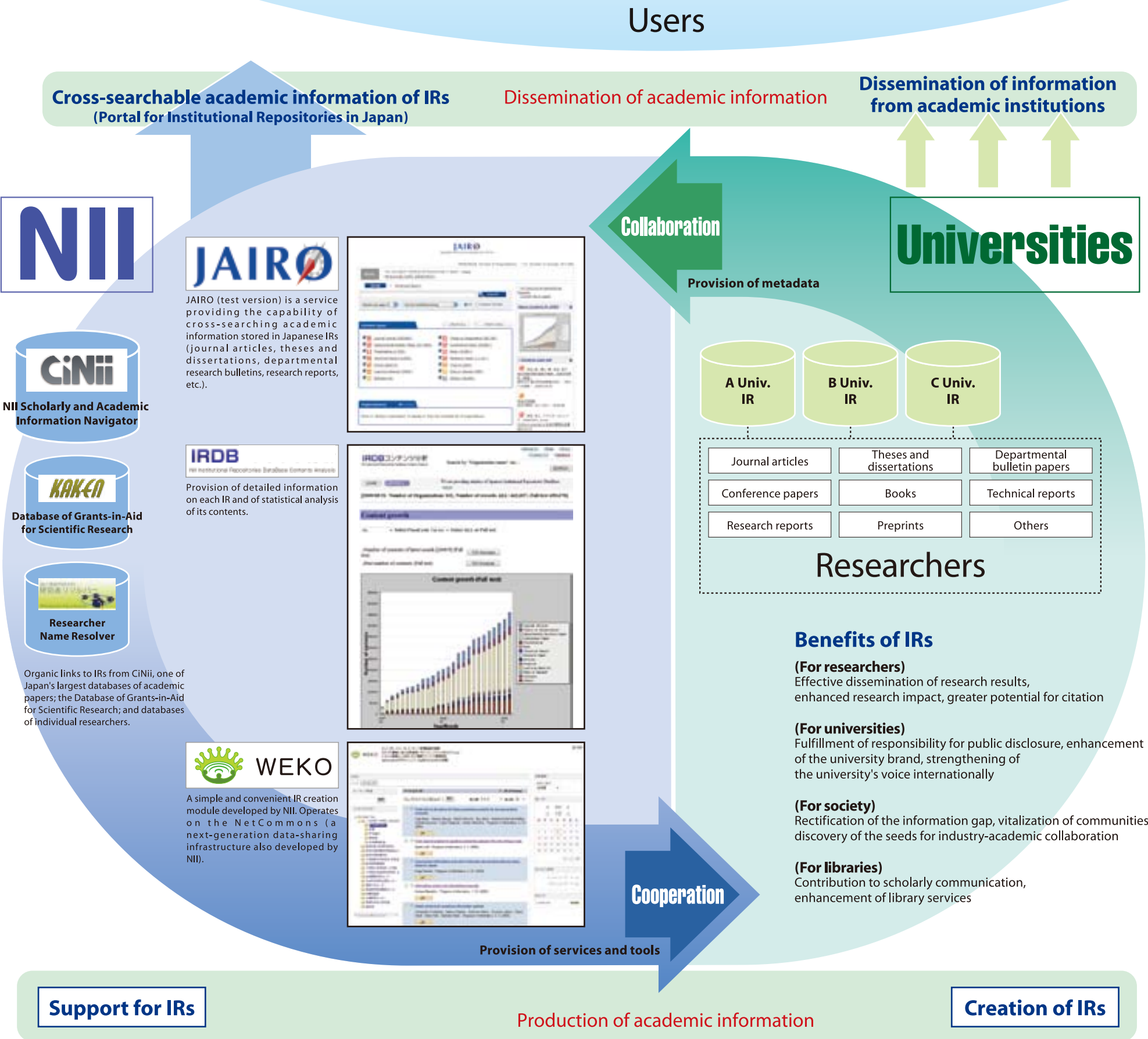
The number of IRs in the world: More than 1,400



The number of IRs in Japan:



**IRP**  
NII Institutional Repositories Program



Cooperation

Collaboration

Universities

Researchers

### Benefits of IRs

#### (For researchers)

Effective dissemination of research results, enhanced research impact, greater potential for citation

#### (For universities)

Fulfillment of responsibility for public disclosure, enhancement of the university brand, strengthening of the university's voice internationally

#### (For society)

Rectification of the information gap, vitalization of communities, discovery of the seeds for industry-academic collaboration

#### (For libraries)

Contribution to scholarly communication, enhancement of library services

Production of academic information

Creation of IRs

Support for IRs