

NII supports 24 institutions and 13 projects through its FY2010 CSI-commissioned projects(for academic information).

- Three project areas: Area 1: Content creation for new IRs: 24 partners / Area 2: Research and development: 8 projects / Area 3: Support for community activities: 5 projects

PHASE 1
FY2005～2007

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

PHASE 2
FY2008～2009

2008: 68 partners, 21 projects
2009: 74 partners, 21 projects

PHASE 3
FY2010～2012

Promoting open access to academic content to activate research and education
Setting the new area, "Support for community activities"

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

FY2010 CSI-commissioned projects (for academic information) Area 2 & Area 3 project list

| project themes | projects | Lead institution | Participating institution | Contributing institution |
|--|---|------------------|-------------------------------|--|
| Area 2: Research and development | Doctoral theses distribution support package development project | Univ. of Tokyo | | |
| | Development of automatic document collection and registration workflow system | Kyushu Univ. | Hitotsubashi Univ. | Univ. of Tsukuba Mie Univ. |
| | Development of new XooNlps / Development and dissemination of Library module | Keio Univ. | | Kinki Univ. Nara Univ. Beppu Univ. Ehime Univ. |
| | Nationwide historic ruins repository project | Shimane Univ. | | Tottori Univ. Okayama Univ. Hiroshima Univ. Yamaguchi Univ. etc. |
| | Permanent identifier verification experiment to introduce an identification function in the open access environment | Kanazawa Univ. | | Chiba Univ. Hokkaido Univ. |
| | Standardization and upgrading of institutional repository output assessment | Chiba Univ. | | Tohoku Univ. Univ. of Tsukuba |
| | Demonstration experiments of connecting electronic publishing and repositories in cloud computing environment | Nagoya Univ. | | Hitotsubashi Univ. |
| | Establishment of mathematical portal | Hokkaido Univ. | | |
| Area 3: Support for community activities | Information sharing to vitalize institutional repository community | Hokkaido Univ. | Kanazawa Univ. Osaka Univ. | Hiroshima Univ. Otaru Univ. of Commerce Chiba Univ. |
| | Copyright management project (SCPJ Project 3) regarding the open access and self archiving | Univ. of Tsukuba | | Chiba Univ. Tokyo Institute of Technology Kobe Univ. |
| | Development of human resources who take charge of institutional repositories | Osaka Univ. | Chiba Univ. | Hiroshima Univ. Shimane Univ. Hamamatsu Univ. School of Medicine Nara Univ. |
| | Support for establishment of an institutional repository community in Kinki region | Osaka Univ. | Nara Women's Univ. | Ryukoku Univ. Osaka City Univ. Kobe City Univ. of Foreign Studies |
| | Vitalization of institutional repository regional community (ShaRe2) | Hiroshima Univ. | | Yamagata Univ. Bunkyo Univ. Shinshu Univ. Univ. of Fukui etc. |

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
1,000,000

(September 2010)

The number of organizations having an IR in Japan:

2nd in the world

(September 2010)

The number of organizations having an IR in Japan:

Increased to over
180 in just five years

(September 2010)

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).

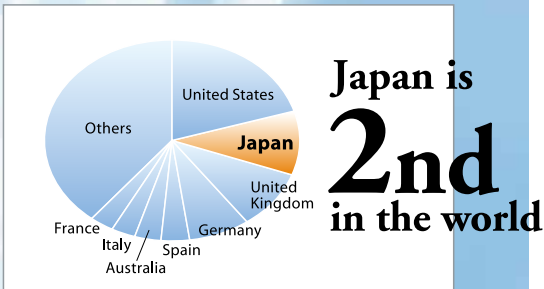
The number of content items registered with the Portal for Institutional Repositories in Japan:



Others: Books, Technical reports, Research reports, Preprints, Presentation materials, General articles, Learning materials, Data/ database, Software, etc.

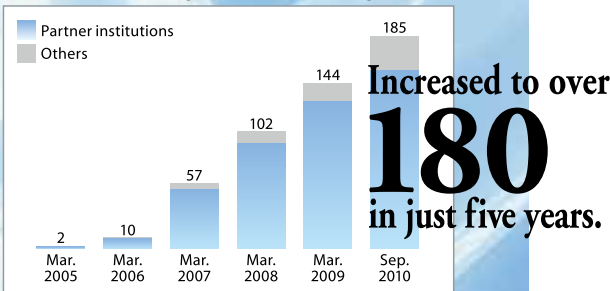
*According to NII data (September 2010).

The number of IRs in the world: More than 1,800



*According to NII data (September 2010).

The number of organizations having an IR



*Include IRs on a trial basis.

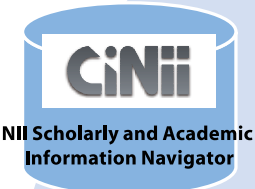
*According to NII data (September 2010).

IRP
NII Institutional Repositories Program

Cross-searchable academic information of IRs
(Portal for Institutional Repositories in Japan)



JAIRO is a service providing the capability of cross-searching academic information stored in Japanese IRs (journal articles, theses and dissertations, departmental research bulletins, research reports, etc.).



NII Scholarly and Academic Information Navigator



Database of Grants-in-Aid for Scientific Research

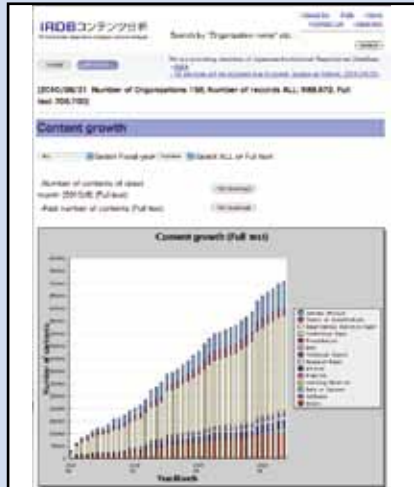


Researcher Name Resolver

Organic links to IRs from CiNii, one of Japan's largest databases of academic papers; the Database of Grants-in-Aid for Scientific Research; and databases of individual researchers.



A simple and convenient IR creation module developed by NII. Operates on the NetCommons (a next-generation data-sharing infrastructure also developed by NII).



Users

Dissemination of academic information

Dissemination of information from academic institutions

Collaboration

Provision of metadata

Universities



| | | |
|-------------------|--------------------------|------------------------------|
| Journal articles | Theses and dissertations | Departmental bulletin papers |
| Conference papers | Books | Technical reports |
| Research reports | Preprints | Others |

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

Cooperation

Provision of services and tools

Support for IRs

Production of academic information

Creation of IRs