NII’s Provision of Academic Resources

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Today's content

- GeNii: Academic Content Portal
  学術コンテンツポータル

- NII-REO: NII Repository of Electronic Journals and Online Publications
  電子ジャーナルリポジトリ

- Institutional Repositories: Support for construction and cooperation
  機関リポジトリ構築・連携支援
GeNii

“Academic Content Portal”

GeNii service concept

One for All, All for One

“Information not on the network might as well not exist.”
“Don’t know what sort of information is available where.”

- Provision of secondary source (catalog data, academic paper bibliographic data, etc.)
- Computerization of primary source (full text of academic papers, etc.)
- Restructuring of already accumulated data
- Efficient collection and organization of information that is continually increasing

Making individual units of information (One) available to whole academic community, whole country, and whole world (All)
Making all sorts of information (All) available to individual users (One)
GeNii
http://ge.nii.ac.jp/

- Search portal integrating different services
- Gives users appropriate navigational guidance to find required information without needing to think about which service holds it.

Academic information portal site
- For answering questions about what sort of data, where, and how much it will be.

CiNii Citation Information by NII

- Large-scale academic paper bibliographic database
- Journals of Japanese academic societies
- Research bulletins
- Japanese Periodicals Index (National Diet Library)

From bibliography to full text
- [2,500 titles • 2.6 million articles]
- Citation links
- [1,600 titles • 1.1 million articles]
- Also displays papers that cite, or are cited by a searched paper

Academic paper/citation information portal site
http://ci.nii.ac.jp/
Webcat Plus
http://webcatplus.nii.ac.jp/

Matching search -- streamlined!

Use text or keywords to find the information you want.

Search by title, author, publisher, publication year, or ISBN.

AssOCIATIVE search -- exciting!

Comprehensive catalog of holdings in university libraries, etc. throughout Japan.

- Commercially published books not held in libraries (vendor's records)
- National Diet Library holdings (JAPAN/MARC)
  * Due to be incorporated from FY 2006

Table of Contents/Content Description

Database construction/gathering

- Commercially published books (vendor's records)
- Reference files

- Bibliographies: 7.5 million records
  - Japanese: 2.5 million records
  - Other languages: 5 million records
- Holdings: 83 million records

- Bibliographies: 0.3 million records
- Holdings: 4.2 million records

Library A

Library B

Union catalog database

Reference files
Information on research results

MEXT
Grants-in-Aid for Scientific Research
Adopted research proposals + deliverables
【520,000 records since 1965】

- Makes gaining an overall view easier:
  - Brings together information on adopted proposals and results by topic
  - View the progress of an individual topic from year to year throughout the project
- Two ways of searching:
  - Keyword search
  - Search from lists of research institutes/fields/types

http://seika.nii.ac.jp/

Specialized academic information

NII-DBR
(Academic Research Database Repository)

- Incorporates and makes available academic databases in specialist fields made by academic societies, researchers, libraries, etc.
- Multiple databases can be searched simultaneously or individually

Simultaneous search
【27 databases/1.5 million items】

Single database search

http://dbr.nii.ac.jp/
**NII-REO**

“NII Repository of Electronic Journals and Online Publications”

NII電子ジャーナルリポジトリ

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**Background — Problems on E-journal usage**

- Disconnection by e-journal server/network trouble. 海外サーバ障害，ネットワーク障害によるアクセス不可
  - Stable access environment is desirable
- Never access to any content after license expires. ライセンス契約終了後に一切コンテンツが見られなくなる
  - Guarantee of permanent access to contents university was licensed

**Solution:**

Local mounting and e-journal supply to domestic users

ローカルマウントした電子ジャーナルを国内提供

NII-REO
NII-REO concept

Stored articles

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<tr>
<th>Publisher</th>
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<th>Coverage</th>
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(As of June 2006)
Institutional Repositories: Support for construction and cooperation

機関リポジトリ構築・連携

What is Institutional Repository (IR)?

• “… a set of services that a university offers to members of its community for management and dissemination of digital materials created by the institution and its community members.”


「大学とその構成員が創造したデジタル資料の管理や発信を行うために、大学がそのコミュニティの構成員に提供する一連のサービス」
Concept of IR

Users ───> University ───> Faculty

Interface; Search engine

Search  Access  Deposit

Show-case of university’s outcomes
Reform of scholarly communication system

NII’s Support Activities

• 2004
  – Experimental project with six Japanese Universities
  – Localization and implementation of IR open-sources (DSpace; EPrints)
  – OAI-PMH compliance for metadata harvesting

• 2005
  – Collaborative project with 19 Japanese Universities
  – There are 14 repositories currently in operation

• 2006
  – There will be 100 universities with their own repositories
Collaboration between NII and Universities

End Users

Scholarly Contents publishing

IRs Portal

Dissemination from Universities

Peer-reviewed articles, Preprints, Conference papers, Theses, Datasets, Learning materials...

Universities

Researchers

Deposit

Scholarly Contents Development

Support of IRs Implementation

Implementation of IRs

NII

JuNii

Centralized Metadata Repository

KAKEN

Research Articles

Univ. A Institutional Repository

Univ. B Institutional Repository

Univ. C Institutional Repository

Union Catalog

KAKEN Research Articles

Collaboration between NII and Universities 2004.12.10