



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

国立国会図書館職員研修 2004.12.10



GeNii

“Academic Content Portal”

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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.) 二次情報の整備（目録データ、論文書誌データなど）
- Computerization of primary source (full text of academic papers, etc.) 一次情報の電子化（論文本文など）
- Restructuring of already accumulated data 蓄積した各種情報の再構築
- Efficient collection and organization of information that is continually increasing 増え続ける情報の効率的な収集・組織化



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)

個々の情報(One)を 全学・全国・全世界(All)で利用できる情報を(All)を ひとりのユーザ(One)のために

GeNii <http://ge.nii.ac.jp/>

Integrated search

- Search portal integrating different services
サービスを一括して検索する窓口
- Gives users appropriate navigational guidance to find required information without needing to think about which service holds it.
どのサービスかを意識しなくとも、的確なナビゲートで利用者の求める情報へと誘導

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

Academic paper information

CiNii Citation Information by NII

NII 論文情報ナビゲータ

Large-scale academic paper bibliographic database
【18,500 titles・9.8 million articles】

- ◆ 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】

Links to location information for journal holdings in libraries

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
論文情報のポータルサイト
<http://ci.nii.ac.jp/>

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Book/journal information

Webcat Plus

<http://webcatplus.nii.ac.jp/>

Associative search -- exciting!

Use **text** or keywords to find the information you want

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

Matching search -- streamlined!

全国大学図書館等の総合目録

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

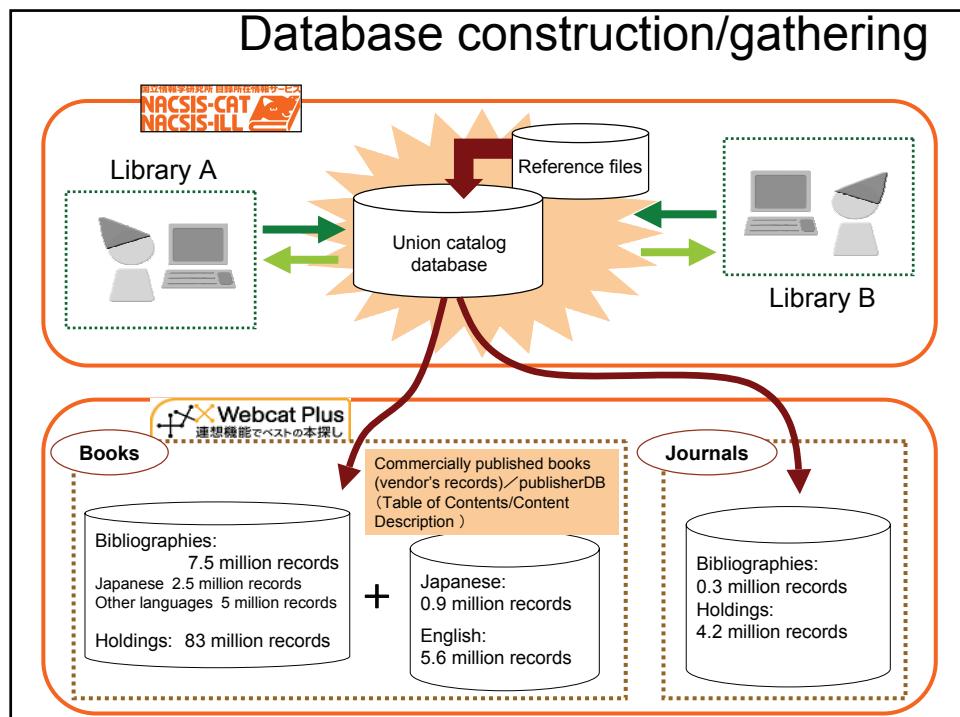
Catalog/location information

目録・所在情報

Table of Contents/Content Description

目次・内容情報

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



Information on research results

KAKEN

(Grants-in-Aid for Scientific Research)
(科学研究費成果公開サービス)

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/

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Specialized academic information

NII-DBR

(Academic Research Database Repository)
(学術研究データベース・リポジトリ)

- 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





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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

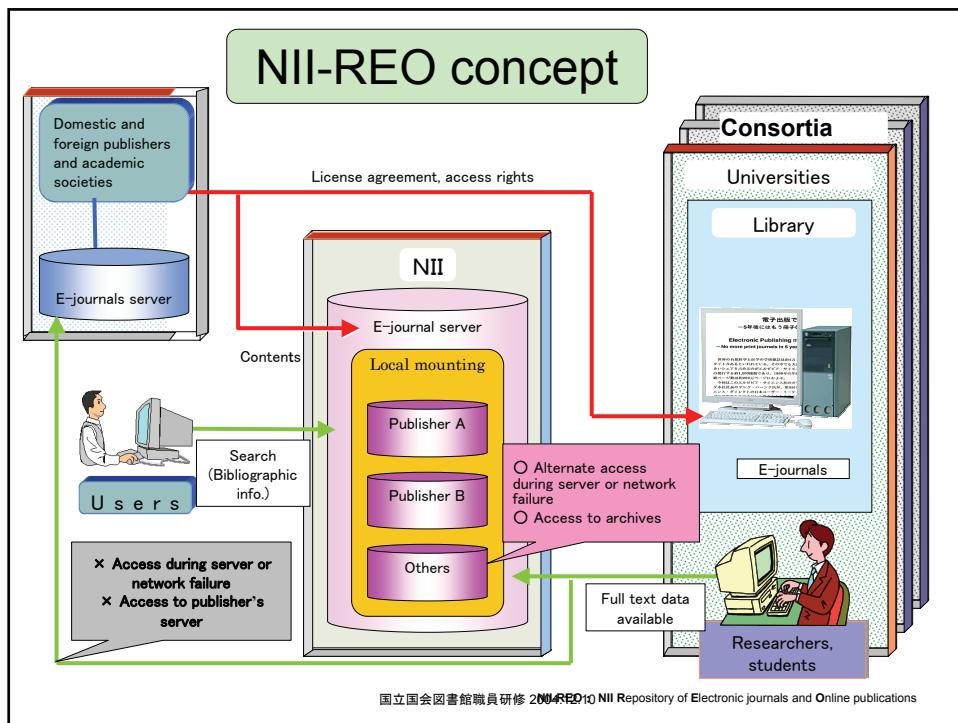
Solution:

**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



Stored articles

Publisher	Number of Articles	Coverage
IEEE Computer Society	140,000	2004-present
Kluwer Online	350,000	1997-2005
Oxford University Press	930,000	1849-2003
Springer Science + Business Media	2,000,000	1847-1996
計	3,420,000	

(As of June 2006)

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Institutional Repositories: Support for construction and cooperation

機関リポジトリ構築・連携

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What is Institutional Repository (IR)?

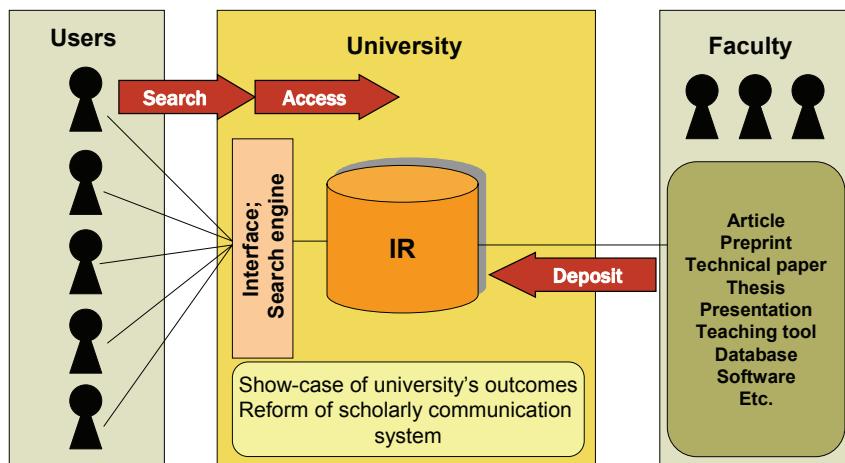
- “... a set of services that a university offers to members of its community for management and dissemination of digital materials created by the institution and its community members.”

(Lynch, Clifford A. “Institutional repositories: essential infrastructure for scholarship in the digital age.” *ARL Bimonthly Report*. 226, 2003)

「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」

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Concept of IR

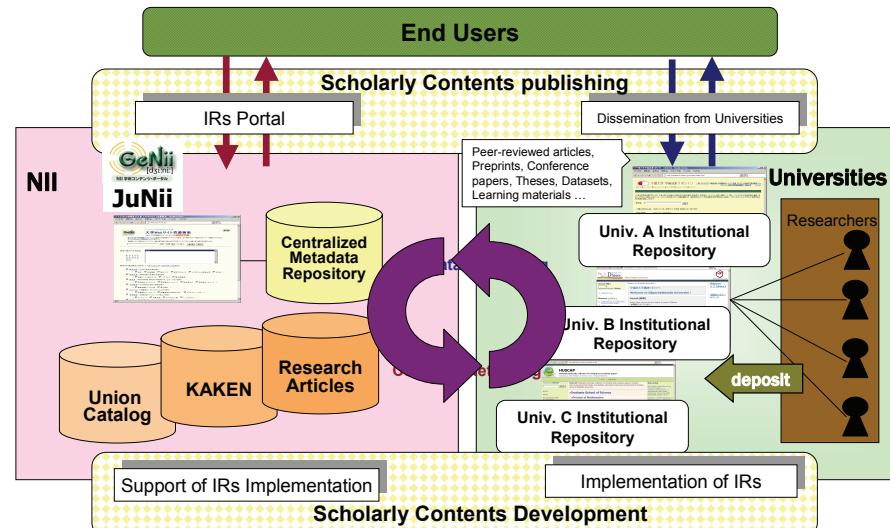


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NII's Support Activities

- 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

Collaboration between NII and Universities



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