

“Something About Digital Libraries and Metadata”: Two Weeks in Japan

Jewel Ward <jewelw@lanl.gov>

Graduate Research Assistant, Post-master’s
Share Our Knowledge Session (SOKS)

28 July 2003; “encore” 30 July 2003

Agenda

- **How I Became a Visiting Scholar**
- **Purpose and Itinerary**
- **About the Japanese Univ. Library System**
- **About Keio University**
- **What I Learned @ each university**
- **Other Comments/Fun Things (if time)**
- **More Info? and Questions**

How I Became a Visiting Scholar

- Years overseas and undergraduate major
- Japan: Summer 1992 and Summer 1993 to 1994
- USA: August 1999 → Spring/Summer 2000 → March 2001 → June 2003 (Evolution from: Full-time Work → Seminar → Lecture Tour)

Purpose

“...You will be expected to **explore** the current status of **institutional repositories** in Japan and the possibility of **implementation of the OAI protocol**. You are expected to **exchange ideas** on **metadata and Digital Library issues** with Japanese scholars, librarians, system engineers and other related professionals, as well as **providing a short lecture** at related organizations and institutions....I would appreciate it if you could **share** your expertise gained through **your research on metadata** for the master’s paper at University of North Carolina at Chapel Hill and through **your experience** working in **the Research Library** at Los Alamos National Laboratory.”

Lecture Locations and Topics

- **U of Tsukuba:** *LANL RL, Metadata in DLs, and my master's paper*
- **Aichi Shukutoku U:** *LANL RL, Metadata in DLs, and my master's paper*
- **National Institute of Informatics (NII):** *LANL RL, Metadata in DLs, OAI-PMH, and my master's paper*
- **Keio U:** *Overview of the OAI-PMH*

Lecture attendees were faculty, graduate students, library staff and businessmen.

University Library System in Japan

- 1886 – Tokyo University
- Buddhism centers
- Now 1,245 libraries affiliated with 686 universities
 - “It’s the law.”
 - Guidelines for services
- Multiple campuses
- Libs not functional-based
- Names have changed w/digitization, with 1 exception

University Library System in Japan

- **Shiso – 50% and 30%; since 1989**
- **Staff neither academic nor professional**
- **Internal finance vs external funding vs staff training**
- **NII provides the digital backbone, main R&D**
- **Specific gov't branch administers national libs**
- **Big changes – consolidation of national universities**

About Keio University

- Founded by Yukichi Fukuzawa (1835-1901) in 1858
- During the Meiji Era
- Students come from all walks of life but are the top of the heap

What I Learned – University of Tsukuba

- Established October 1973
- Science and Humanities courses
- Located in Tsukuba City, just north of Tokyo
- Guest of the School of Information and Library Science

What I Learned – University of Tsukuba

- Four libraries
 - Central Library
 - Art and Physical Education Library
 - Medical Library
 - Otsuka Library
- Libraries have >1M users and >40K volumes
- 3,172 users per day, open 325 days a year
- [Tsukuba Univ. Library digitized Information Public Srvc.](#)

What I Learned – Aichi Shukutoku Univ.

- Established 1961, near Nagoya
- Originally a women's college, now co-ed
- Met with library staff and faculty, no tours or presentations

What I Learned – Nat’l Inst. of Informatics

- Evolved from a research center established in May 1976
- “...founded in April 2000 as an “inter-university research institute in order to conduct comprehensive research on informatics and develop the advanced infrastructure for disseminating scholarly information.”
- Interdisciplinary
- Partnership w/industry, government & academic sector
- National library’s main R&D provider

What I Learned – Keio University

- [Gutenberg Bible Digitization Project](#)

[Example of photographic equipment](#)

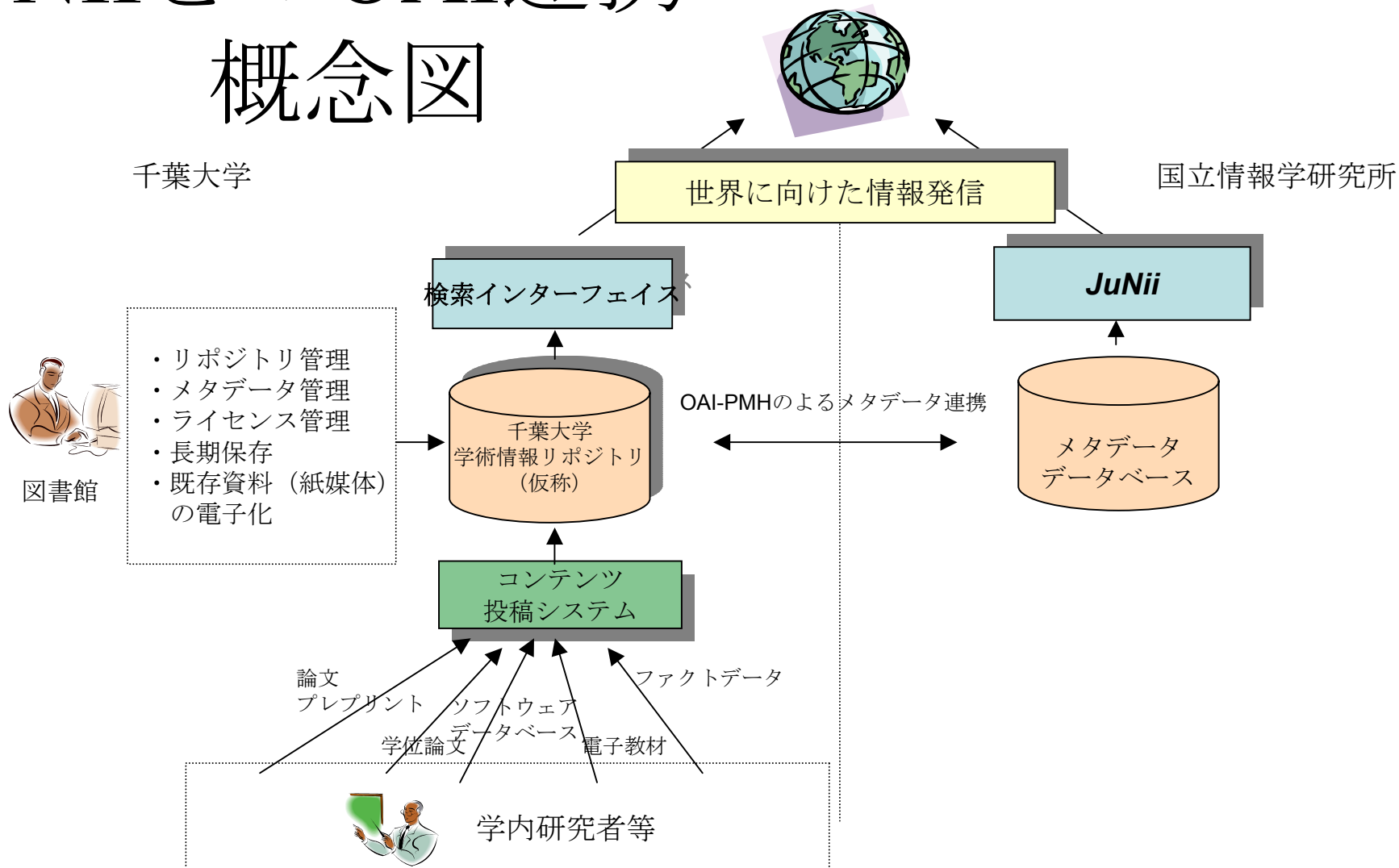
- Kanji-Hiragana-Katakana-Romaji

Example – “[Hajimenodato](#)”

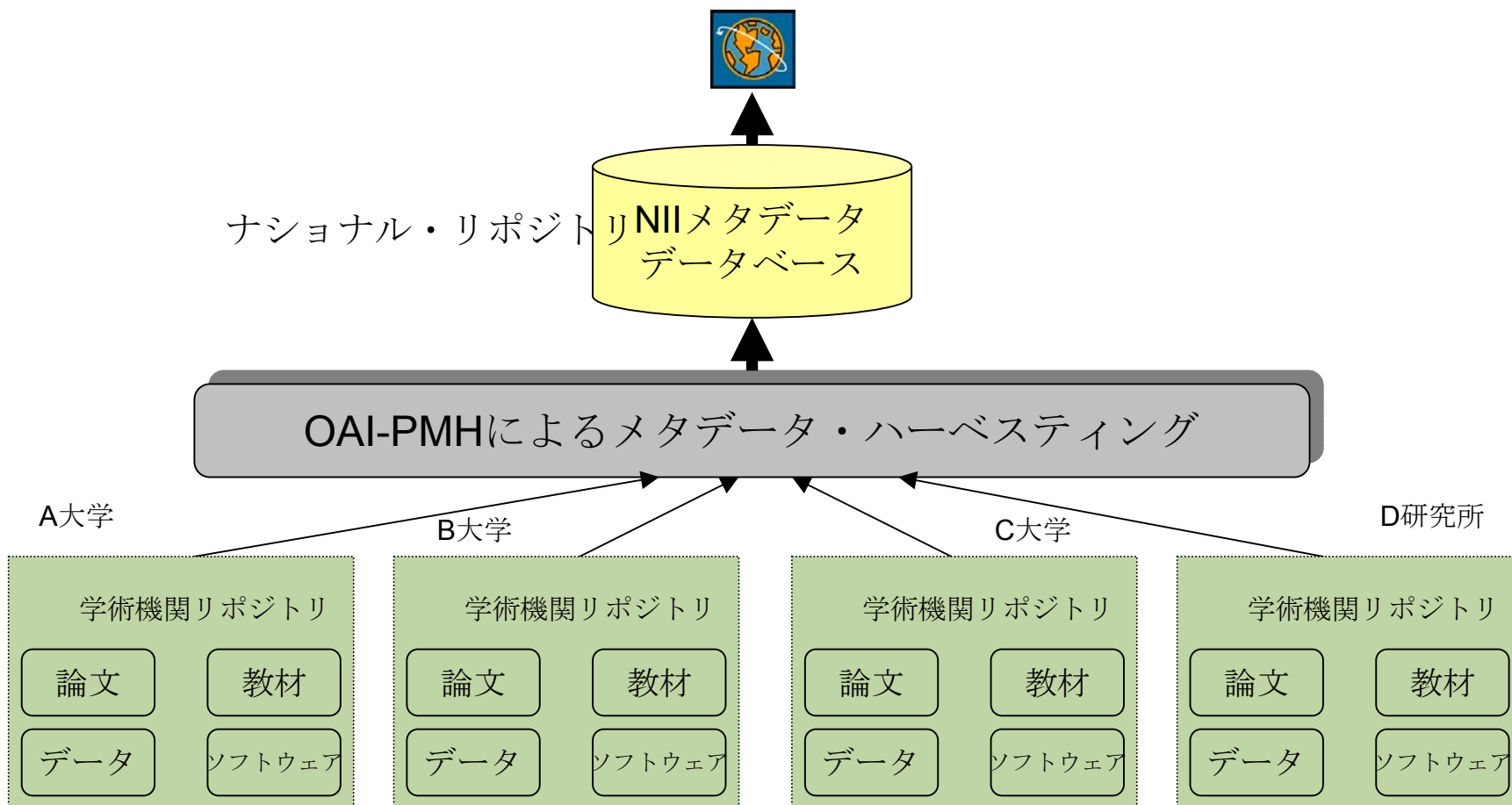
- OAI-PMH in Japan

Collaboration of two universities, [Chiba](#) and NII

NIIとのOAI連携 概念図



サービスプロバイダとしての NIIメタデータデータベース



What I Learned – Keio University

- [Sample Record](#)

[http://mitizane.ll.chiba-u.jp/cgi-bin/oai/oai2.0
?verb=GetRecord&metadataPrefix=oai_dc&identifier=oai:
mitizane.ll.chiba-u.jp:00014489](http://mitizane.ll.chiba-u.jp/cgi-bin/oai/oai2.0?verb=GetRecord&metadataPrefix=oai_dc&identifier=oai:mitizane.ll.chiba-u.jp:00014489)

- [Draft](#) version of protocol in Japanese
- [Key term](#) translations

Other Comments

- Legacy of the US occupation of Japan
 - Keio U. School of Lib Science
 - English language books in Japanese libraries
- Sight-seeing
- Mishima, revisited
- “Very Japanese”
 - Status and culture (dinner, presentation, floors)
 - “Oteari”

More Info? and Questions

Blog

http://www.foar.net/mt/mt-archives/2003_06.html

(Hint – start at the bottom section and read to the top.)

Pictures

<http://homepage.mac.com/silverfern/Menu26.html>

(There are 4 “albums” of photos about Japan.)

Lectures

<http://foar.net/research/> (click on “Presentations in Japan”)