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<th>Title</th>
<th>Development of Shinshu University Online System of General Academic Resources (SOAR)</th>
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<tr>
<td>Author(s)</td>
<td>IWAI, Masashi (Shinshu University, Japan)</td>
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<td>Citation</td>
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Osaka University Knowledge Archive: OUKA

http://ir.library.osaka-u.ac.jp/dspace/

Osaka University
Development of Shinshu University Online System of General Academic Resources (SOAR)

IWAI Masashi
Shinshu University Library

DRF International Conference 2008
at Osaka, 31th January 2008

Features of the SOAR

- Coordination between institutional repository and researcher directory
- Linking external resources (e-journal, Web of Science)
- Low cost
- Provision of the system with no charge
Main Concept

• Improving visibility
• Reducing burden
• Saving costs

Former Model

Researcher

Name
Positions
Education
Awards
Publications...

Repository

Paper A

Paper B

E-Journal

Paper A

Paper B
Improving Visibility

Search Engine-Driven Navigation

Google, Yahoo, ... Google, Google Scholar, ...

Researcher

Name
Positions
Education
Awards
Publications
...

Citation Data
(Web of Science)

Rich Information

E-Journal

Paper A
Paper B

Open Access

Institutional Repository

Recording and making available research achievements (full-text articles) of researchers at Shinshu University at no charge

Native XML Database developed by Media Fusion (EsTerra XML Storage Server)

Recording and making available research achievements (full-text articles) of researchers at Shinshu University at no charge

Nature/Science/Elsevier/Wiley/ Springer/Blackwell/etc.

Link back to Web of Science

Web of Science

“SOAR” has just soared into the world from Shinshu Univ.

Citizens, Industries, Governments / Researchers, Students

Google・Yahoo

http://soar-ed.shinshu-u.ac.jp/
https://soar-rd.shinshu-u.ac.jp/

Native XML Database developed by Media Fusion (EsTerra XML Storage Server)

Native XML Database developed by Media Fusion (EsTerra XML Storage Server)
Reducing Burden

One Time Entry

Researcher

Name
Positions
Education
Awards
Publications
...

Multi Use

Surveys

ReaD
(Nationalwide
researcher database)

Grant-in-Aid
("KAKENHI"
application form)

Performance
Evaluation

Lower Cost

(about Researcher Directory)

• XML database
  – Need no reconstruction when items added
• Few screens

* Core system is provided with no charge for universities and research institutes
Actual Operation

• Repository
  – Promotion of depositing papers indexed in Web of Science
  – Metadata entry and copyright checking by library staff
  – Shift faculty bulletins to born-digital

• Researcher Directory
  – Update by each researcher in principle
  – Metadata entry by library staff (when depositing in repository)
  – Input of publications indexed in Web of Science

Sustainability

Support from Faculty  Financial Proof

Improve Visibility  Reduce Burden  Low Cost
Thank You