

Community Building in Japan

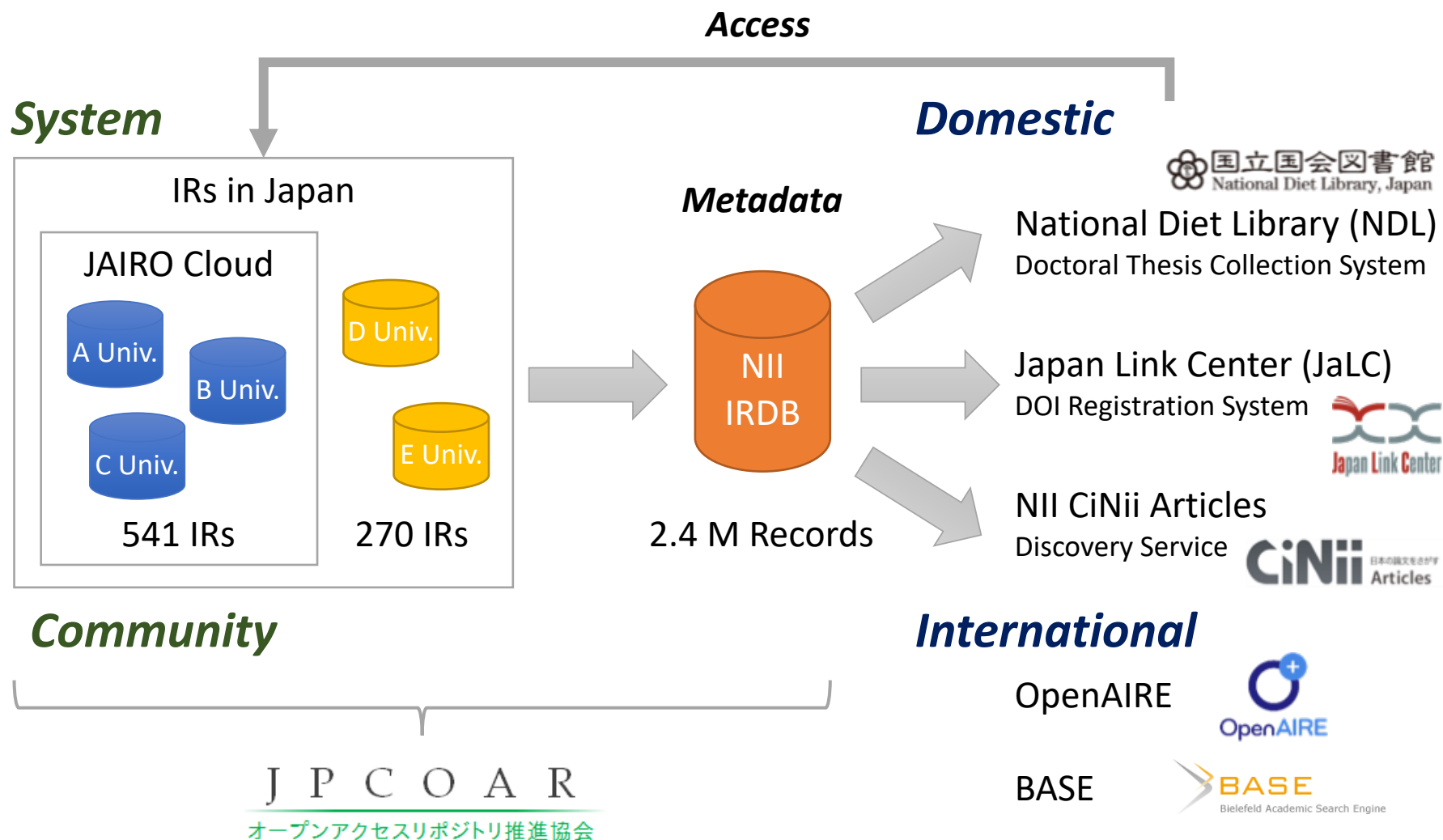
Kazu YAMAJI, NII

COAR Annual Meeting 2018, Hamburg, Germany
Meeting of Repository Networks, May 15, 2018

Topics

- Data Providers
- Metadata
- Communities of Practice
- Training

Japanese IR Network



Key Metadata Elements for Services

junii2 Metadata Schema *<http://irdb.nii.ac.jp/oai/junii2-3-1.xsd>*



National Diet Library (NDL)
Doctoral Thesis Collection System

```
<metadata>
  <junii2 xsi:schemaLocation="http://irdb.nii.ac.jp/oai...
  <title lang="ja">
    A Formal and Corpus-based Analysis of Grammaticalization...
  ...
  <creator>Arai, Fumihito</creator>
  <degreeName>博士 (言語科学) </degreeName>
  <description>doctor</description>
  <grantor>神戸松蔭女子学院大学</grantor>
  <contributor lang="en">Kobe Shoin Women's University</contributor>
  <identifier>甲第6号</identifier>
  <grantid>34513甲第6号</grantid>
  <date>2014</date>
  <dateofgranted>2015-03-20</dateofgranted>
  <textversion>ETD</textversion>
```



Japan Link Center (JaLC)
DOI Registration System



```
<metadata>
  <junii2 xsi:schemaLocation="http://irdb.nii.ac.jp/oai...
  <title lang="ja">『君の名は。』大ヒットの要因：日本的悲恋物...
  <alternative lang="en">
    Reasons why "Your name" is a smash hit : Locating ...
  </alternative>
  <language>jpn</language>
  <subject>時間</subject>
  ...
  <subject>community</subject>
  <URI>http://id.nii.ac.jp/1044/00002038/</URI>
  <selfDOI ra="JaLC">info:doi/10.14946/00002038</selfDOI>
  <NIIttype>Departmental Bulletin Paper</NIIttype>
```

NII CiNii Articles
Discovery Service



```
<metadata>
  <junii2 xsi:schemaLocation="http://irdb.nii.ac.jp/oai...
  <title lang="ja">心の理論・実行機能の観点からみた認知的・言語的...
  <alternative lang="en">
    Cognitive and linguistic flexibility tasks in relation...
  </alternative>
  <language>jpn</language>
  <subject>実行機能</subject>
  ...
  <URI>http://id.nii.ac.jp/1044/00001744/</URI>
  <NIIttype>Journal Article</NIIttype>
  <creator lang="ja" id="http://rns.nii.ac.jp/nr/1000090581231">久津木...
```

Metadata

- junii2

- Current Schema
 - Since 2010
 - Current Version 3.1
- Not designed for
 - Layered Elements
 - Research Data
 - Interoperability with International Standards

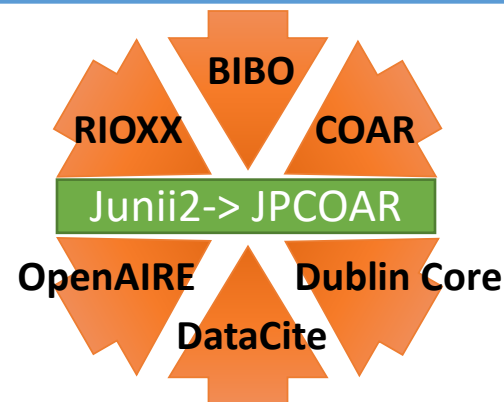


- JPCOAR

- Focusing on interoperability with established international metadata standards
- Adopting major identifiers (Crossref Funder id, ISNI, ORCID etc)
- Monitoring compliance with Open Access policies
- Hierarchizing some elements (creator, fundingReference etc)
- Enhancement of elements for research data

JPCOAR Schema Properties

1. dc:title	17.jpcoar:identifierRegistration
2. jpcoar:creator	18.jpcoar:relation
3. jpcoar:contributor	19.dcterms:temporal
4. jpcoar:accessRights	20.datacite:geolocation
5. rioxxterms:apc	21.datacite:fundingReference
6. dc:rights	22.bibo:identifier
7. jpcoar:rightsHolder	23.bibo:journal
8. jpcoar:subject	24.bibo:volume
9. datacite:description	25.bibo:issue
10.dc:publisher	26.bibo:pageStart
11.datacite:date	27.bibo:pageEnd
12.dc:language	28.jpcoar:dissertationNumber
13.coar:resourceType	29.jpcoar:degreeName
14.datacite:version	30.jpcoar:dateGranted
15.openaire:versionType	31.jpcoar:degreeGrantor
16.datacite:identifier	32.jpcoar:file



Example of hierarchized elements

```

<jpcoar:creator>
<jpcoar:nameIdentifier nameIdentifierScheme= "ORCID"
schemeURI= "http://orcid.org/0000-0003-2384-2166" >
0000-0003-2384-2166</jpcoar:nameIdentifier>
<jpcoar:creatorName xml:lang= "ja" > 大隅, 良典
</jpcoar:creatorName>
<jpcoar:creatorName xml:lang= "en" > Ohsumi, Yoshinori
</jpcoar:creatorName>
<jpcoar:affiliation>
<jpcoar:nameIdentifier nameIdentifierScheme= "ISNI"
schemeURI= "http://www.isni.org/0000000121792105" >
0000000121792105</jpcoar:nameIdentifier>
<jpcoar:affiliationName xml:lang= "en" >
Tokyo Institute of Technology
<jpcoar:affiliationName>
</jpcoar:affiliation>
</jpcoar:creator>

```

Community: Institutional Repository

- Japan Consortium for Open Access Repository (JPCOAR)
 - Working Group (Long-Term)
 - Training WG
 - JAIRO Cloud Operation WG
 - Promotion WG
 - **Task Force (Short-Term)**

- Next Generation Metadata Schema TF: JPCOAR Schema
- Research Data TF: Training Course
- OA Policy TF: OA Policy Toolkit and Deployment
- System Interoperability TF: CRIS Link and ORCID

Introduce
on 17th

Challenge

JPCOAR is based on Annual Plan
JPCOAR has Annual Budget



JPCOAR x NII Joint TF

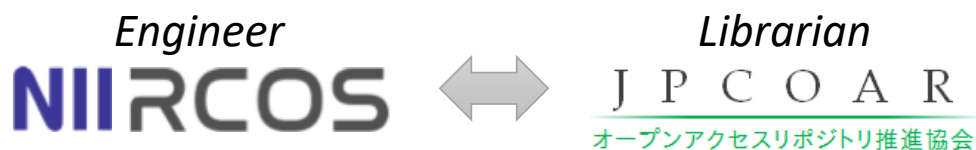


*How to be
more flexible*

New Repository System joint TF

- Purpose

- Define required functionalities of New Repository System



- Activities

- Review Current Domestic and International Situation
- Point out Issues to be resolved
- Propose how to solve them

- Results

- Report “Our Next Generation Repository”

WEKO3
System Spec.

JPCOAR
Strategic Plan

Relationship between NII and JPCOAR

NII = Japanese NREN

- R&D
- Incubation

JPCOAR

Japan Consortium for
Open Access Repository

- Sustainable Operation
- Community Activity

Example from



Cloud type (SaaS) service for
Institutional Repository

1. Initial Development
2. Incubation
3. Community Building
4. Critical Mass
5. Build Business Model

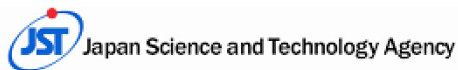
EXIT

6. Community Based Support
7. Apply Charging Model

Continue System Dev

Community: Research Data

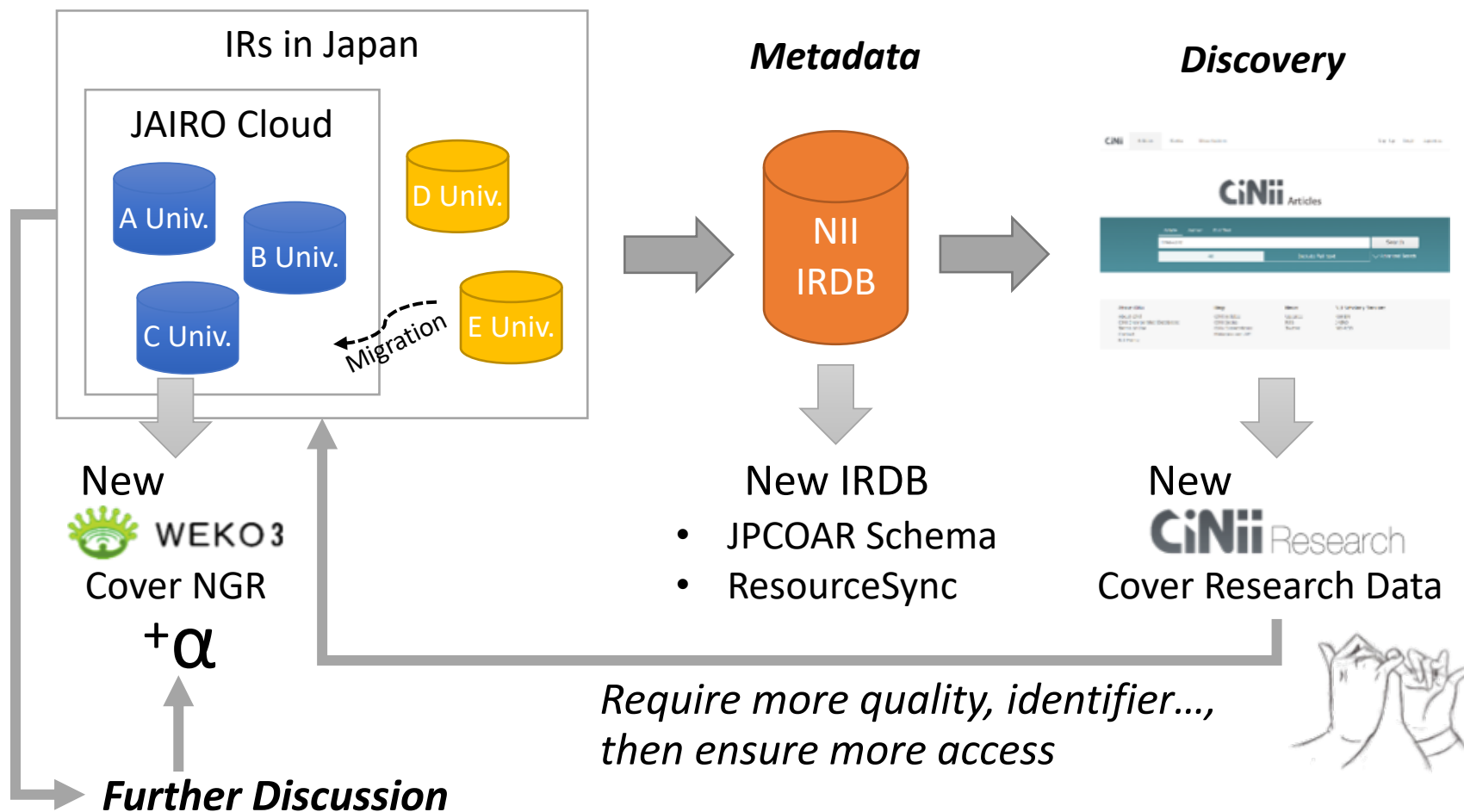
- RDUF (Research Data Utilization Forum)
Organizational Members



- Working Group

- Research Data Management WG
- Research Data License WG
- Domain Repository Network WG

Produce Positive Feedback



- How to think about ORCID National Consortium?
- How to collect Evidence Data in accordance with Institutional Policy?
- ...