Promotion of open science and the role of university libraries

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# of Repositories

Consortial repositories

- Whiterose type (all in one) *10
- SHERPA-LEAP type (one for each) *4

- Hands off the system, focus on contents recruitment
- Develop regional communities
# of Contents

### “KIYO” (Departmental Bulletin Papers)
- Journals published by universities
  - Edited by faculties / by departments / by laboratories
  - In Japanese / in English
  - Submission from inside / sometimes by students / globally
  - Light (or no) peer-review / strict peer-review
  - Highly rated in Humanities and Social Sciences / in STM
- Not commercially distributed, but by inter-university exchange
- As contents of a repository
  - Easy to negotiate
  - Easy to handle
  - Easy to digitize

### Repository managers
- Mostly librarian, caught up in a job rotation system
- Around 3 years in the position
  - Avg. 1 FTE * 500 repositories in Japan
  - 170 new comers at the beginning of a year
- Hard to inherit experience and expertise

### Junii2 ver.3.1
- NII metadata element set (http://irdb.nii.ac.jp/oai/junii2-3-1.xsd)
  - Not an application profile of the Dublin Core, but inheriting many features from the DC
  - Original elements
    - NIIsubject/NIItype/NIIspatial/NIItemporal
    - NDC, NCID, NAID, ichushi, ...
    - grantid/dateofgranted/degreename/grantor
**e.g. NIItype**

- Resource type vocabulary (14 terms)
  - To be dumbed down into DC.type

<table>
<thead>
<tr>
<th>Resource Type</th>
<th>DC.type</th>
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<tbody>
<tr>
<td>Journal Article</td>
<td>Article</td>
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<td>Book</td>
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<td>Thesis or Dissertation</td>
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<td>Technical Report</td>
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<td>Departmental Bulletin Paper</td>
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<td>Research Paper</td>
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<td>Article</td>
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<td>Others</td>
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<td>Preprint</td>
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- Needs to improve interoperability with COAR resource type vocabulary
- Needs an extension for research data?

**“Open Science”**

- A long way to go
- Our mission is to create change and build a better scholarly communication system for the future. We are working on making long-term change
  - SPARC Europe’s mission (Alma Swan et al. “SPARC Europe: Who we are & what we do”)
    - http://www.slideshare.net/SPARCEurope/sparc-europe-who-we-are-45008319

**Lessons from U. Minho**
(by T. Misumi on April 17, 2015)

- RepositóriUM (repositorium.sdum.uminho.pt)
- Ricardo Saraiva + 1~2 FTE
- OA policy intensification in 2011
  - Not only an obligation
  - Have raised the awareness of academics
- Compliance monitoring (quarterly)
  - “Guia de Auto-Arquivo do RepositóriUM”
  - 70% OA
He that would the daughter win, 
must with the mother first begin

Thank you