

Regional Update from JAPAN

COAR Annual Meeting 2017

National Institute of Informatics

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Update in 2017

- OA Consortium: JPCOAR
- Repository SaaS Service: JAIRO Cloud
- Research Data Infrastructure for Open Science
- Asia OA Summit

JPCOAR

- Digital Repository Federation (DRF), since 2006
- JAIRO Cloud Community, since 2012
- Institutional Repository Promotion Committee, since 2013

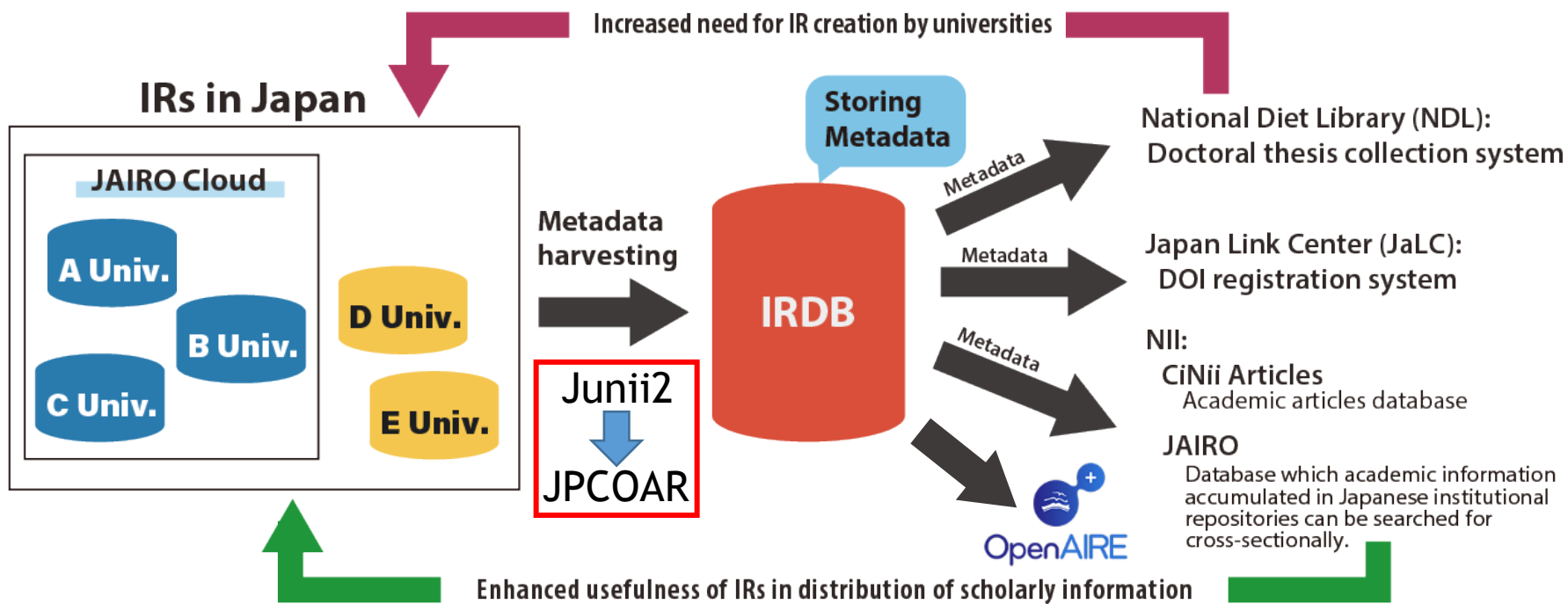


- Japan Consortium for Open Access Repository (JPCOAR), since July 2016
 - Consist of 482 (as of May 1st 2017) Institutions
 - Organizing 3 WGs and 4 TFs (TBC)
 - JAIRO Cloud Operation, Training and Promotion WGs
 - Metadata, Research Data, OA Policy, Researcher ID TFs

JPCOAR 1st GA in March 2016



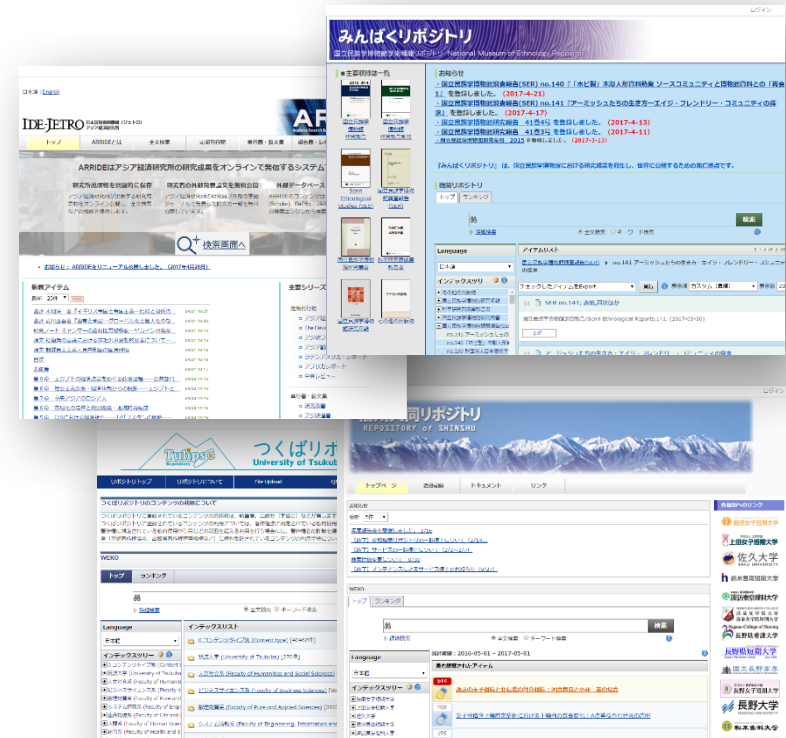
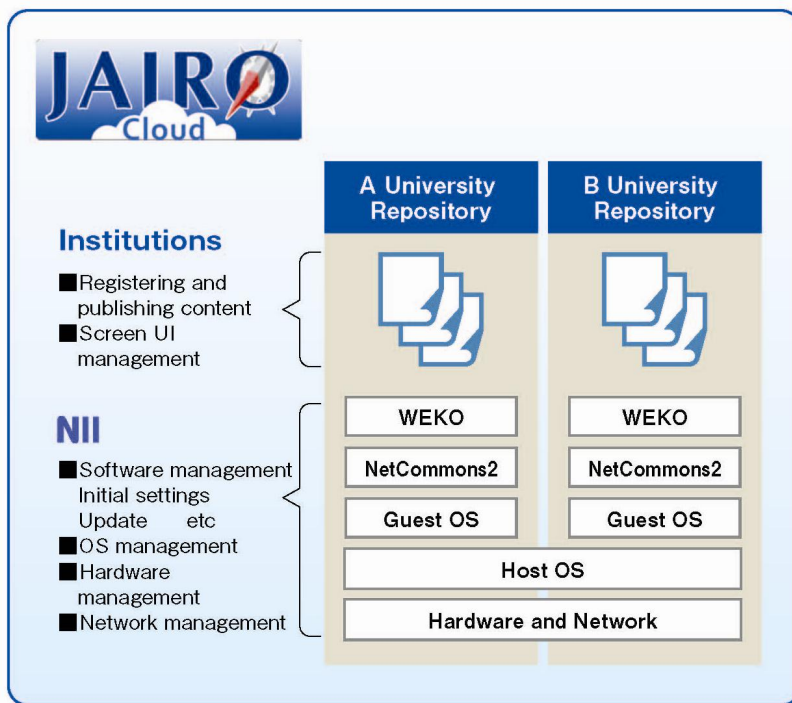
Metadata Network based on IRs



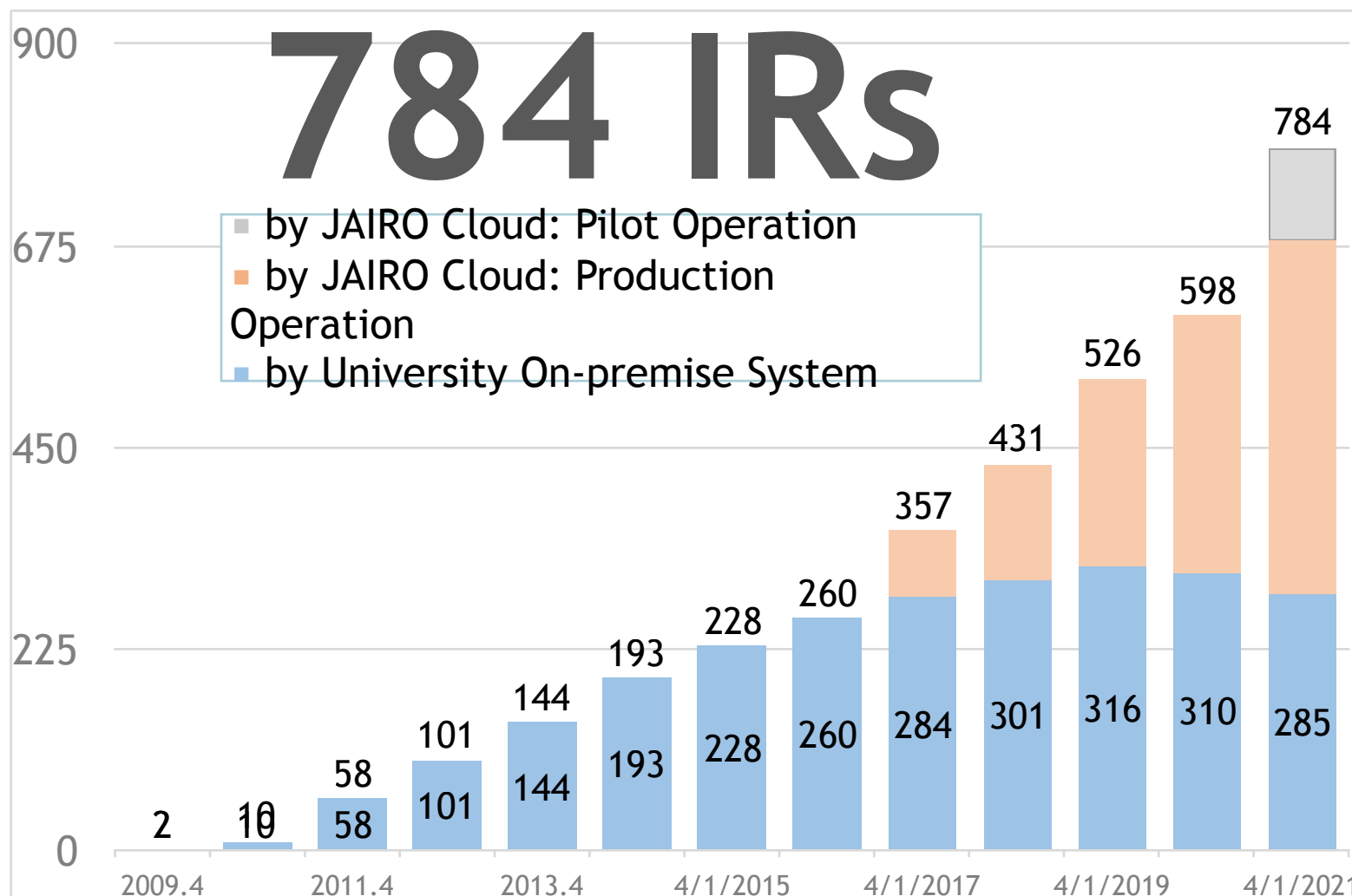
JAIRO Cloud

- Background
 - Limited resources and less technical knowledge hamper implementation of IR especially in small universities.
 - JAIRO Cloud provides a shared instance of IR system on the virtual server hosted by NII since April 2012.

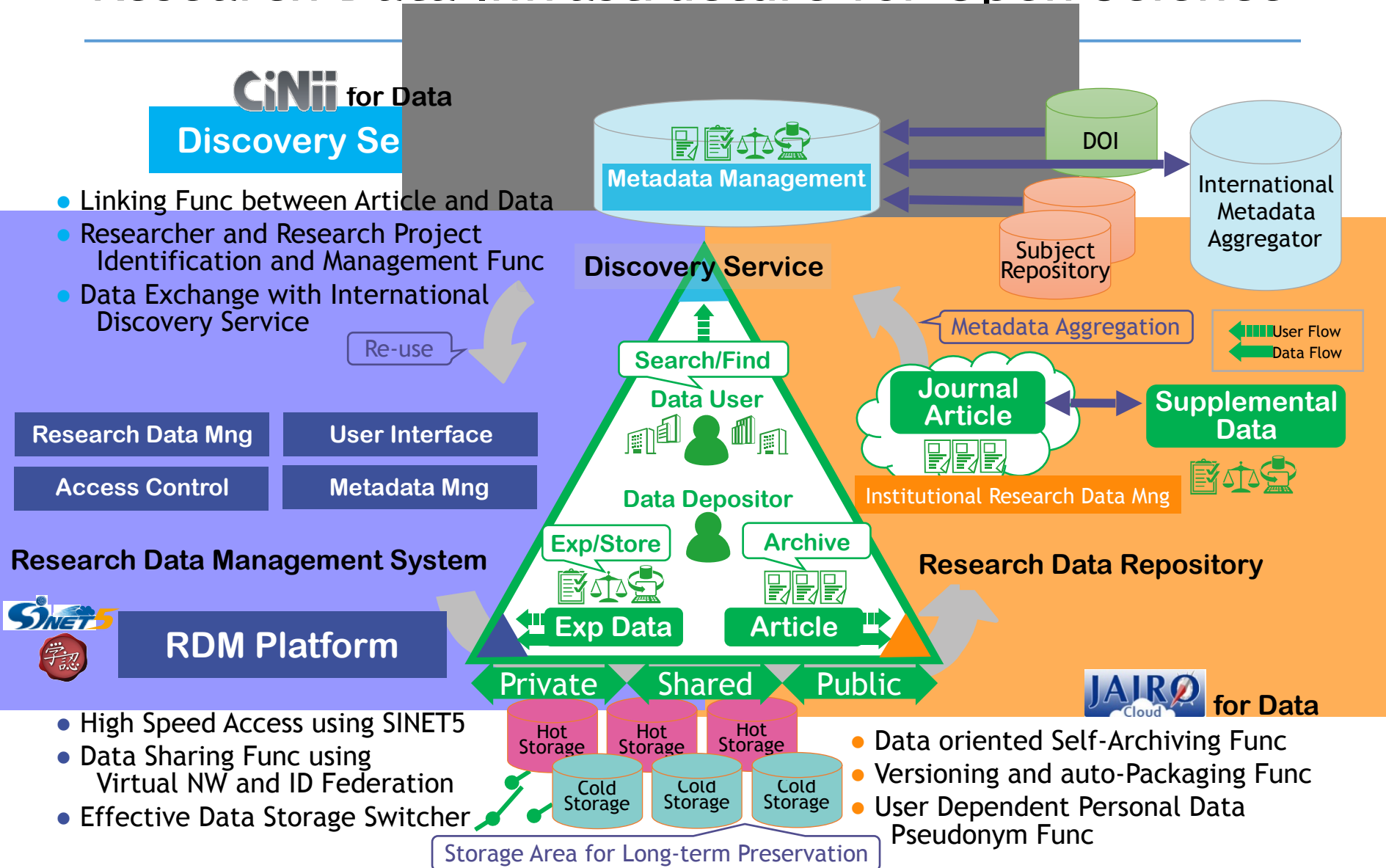
- Service Architecture



Number of IRs in Japan



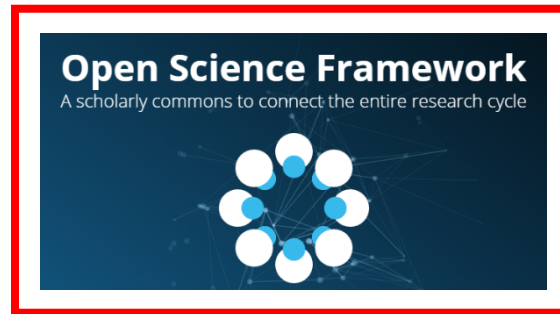
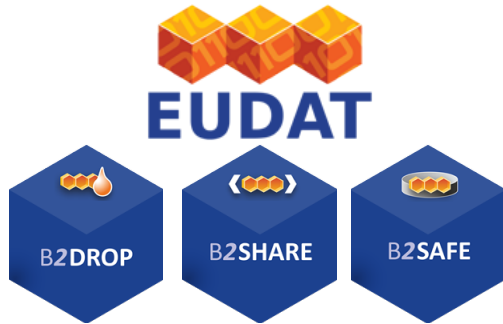
Research Data Infrastructure for Open Science



- High Speed Access using SINET5
- Data Sharing Func using Virtual NW and ID Federation
- Effective Data Storage Switcher

- Data oriented Self-Archiving Func
- Versioning and auto-Packaging Func
- User Dependent Personal Data Pseudonym Func

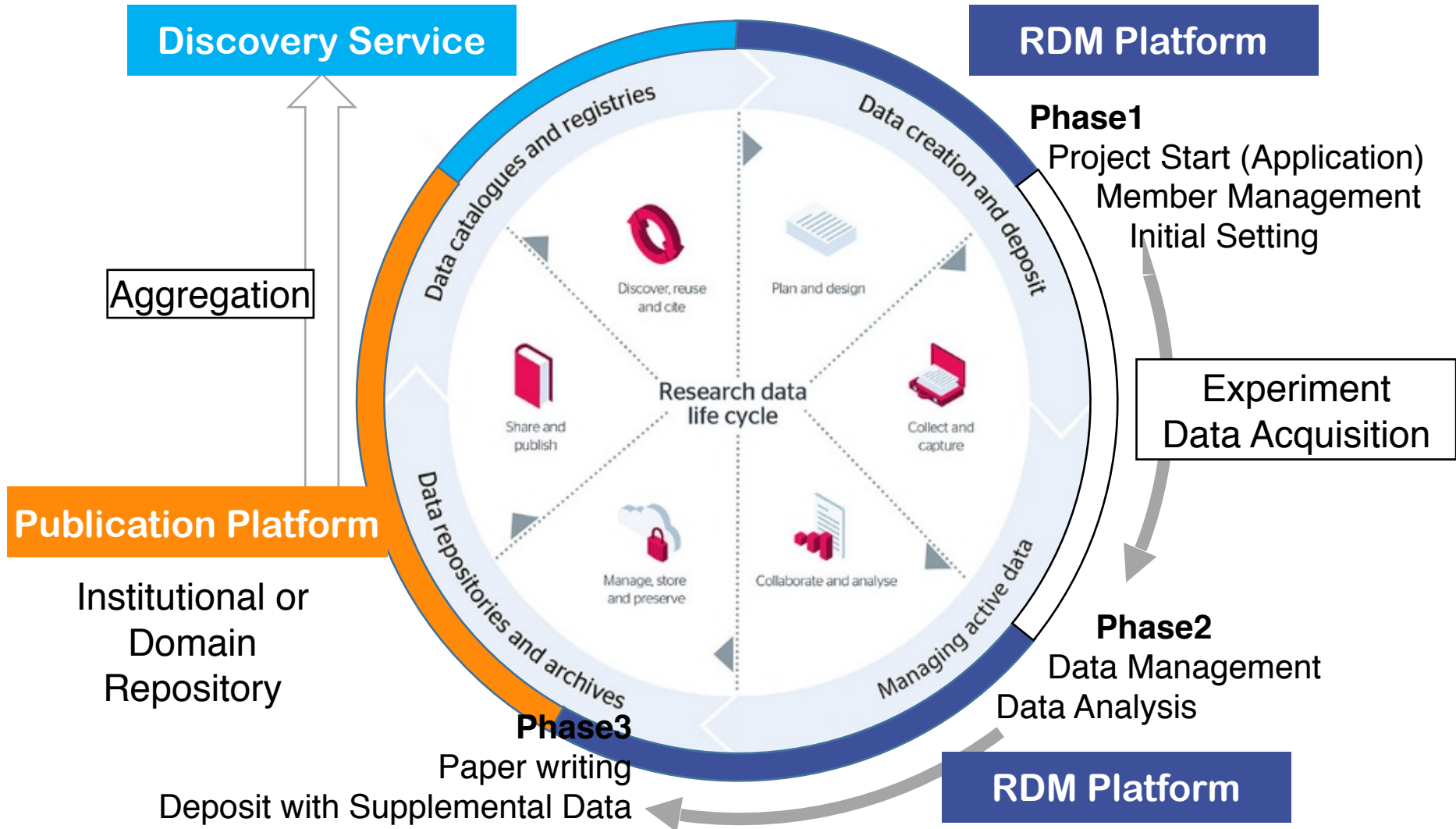
How to realize our RDM Platform



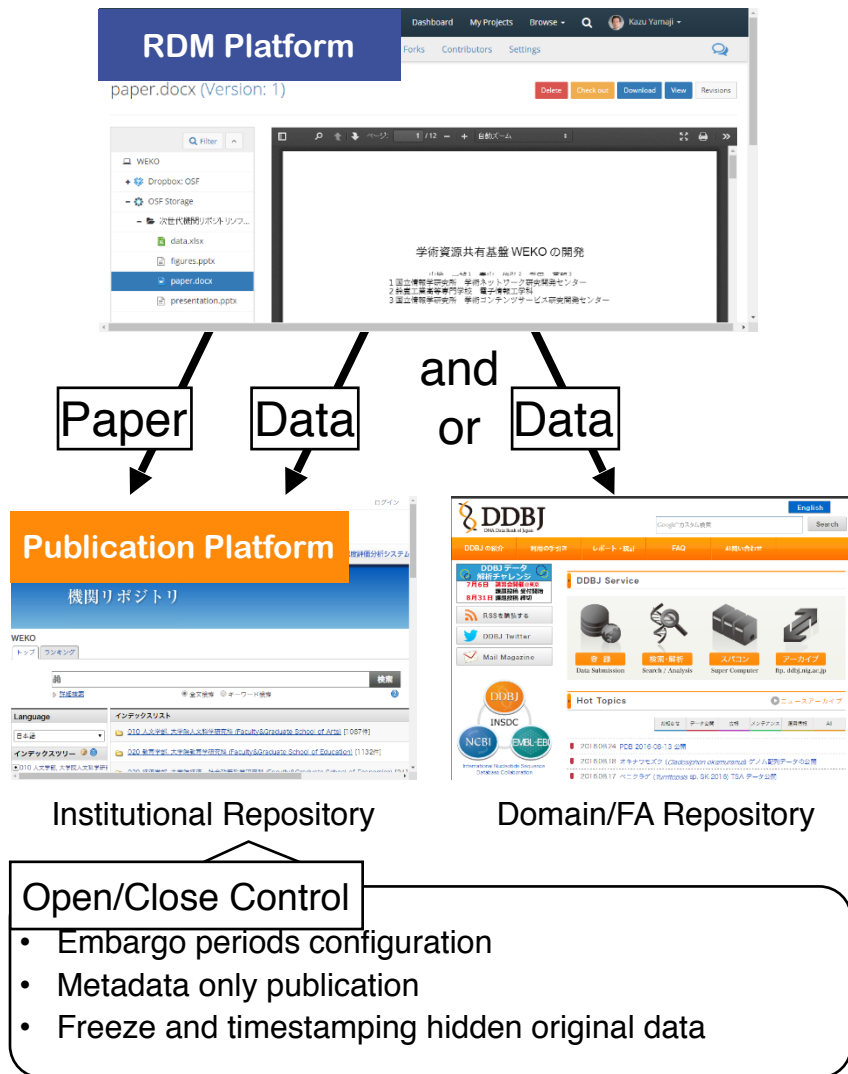
- Establish corroborative development with the Western projects
- Our Functional Requirements
 - Connection to institutional storage service
 - Institutional level control panel
 - SAML authentication and connect with VO Platform
 - Metadata management functionality
 - Easy deposit function to JAIRO Cloud
 - Mash-up with other scholarly information services in Japan

Advantage of OSF is its “Flexible” and “Extensible” architecture

Relationship between Research Data Infrastructure and Research Workflow






Possible Use Case in Phase 3 Publicizing Journal Paper and Supplemental Data



1. Manage manuscript using version control function
 2. Manage reference information using external service (e.g. Mendeley) add-on
 3. Manage supplemental data in the paper
 4. Manage tables and figures
 5. Share reviewers' comment and prepare for response
 6. Deposit paper in publication platform based on FA OA policy
 7. Deposit supplemental data in publication platform based on publisher's policy and DMP
 8. Validate of metadata by librarians and data curators.
 9. Assign DOI
- * Procedure would be changed depending on OA type and reviewing process.


Deployment Plan

- FY2016
 - Initial Development
 - α Testing with major Universities
- FY2017
 - System Development   
 - Small Scale Feasibility Study (β Testing)
- FY2018
 - Large Scale Feasibility Study
- FY2019
 - Pilot Operation
- FY2020
 - Production Operation

Update in 2016

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- **Asia OA Summit**

Asia OA Summit



Confederation of Open Access Repositories

Towards a global knowledge commons

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Nice! <https://t.co/4RG0IIT2CB>
 April 27, 2017 12:04 am


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Asia OA Summit



Positioning Asia in the Global Movement of Open Science

November 14 – 15, 2016 Kuala Lumpur, Malaysia



Open access, and more broadly open science, is a global trend that promises to advance discovery, accelerate innovation and improve education. In order to support open science, governments, universities and other stakeholders must adopt policies, develop services and change their practices around sharing research outputs. The Asian region, in all its diversity, has a strong and expanding position in the international scientific community. This is also reflected in the realm of open science as countries and institutions in Asia implement policies and services to support greater openness.

The focus of this two day meeting

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1st Asia OA Summit

- Place: Kuala Lumpur, Malaysia
- Date : November 14 - 15, 2016
- Organizers:
 - Asia Open Access (A COAR Community of Practice)
 - Universiti Putra Malaysia (UPM)
 - Malaysian Research and Education Network (MYREN)
 - SIFULAN Malaysian Access Federation
- Sessions
 - Session 1: Open Access and Open Science
 - Session 2: Panel Discussion of Current Trends and Initiatives
 - Session 3: Country Updates
 - Session 4: Focus on Malaysia
 - Session 5: The Role of the Institution in Supporting Open Science
 - Session 6: Introduction to ORCID
- Participants: about 150 from 8 countries

The Next will be in Nepal