



Scholarly Information Infrastructure





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Framework of the Open Science in Japan

Correlation diagram of policy making and implementation





Current NII Services and Research Workflow





Research Data Infrastructure for Open Science





Data Publication Platform

Basic Idea of New System

- Separate RDM Platform (Researcher) and Publication Platform (Librarian)
- Employ Micro Service Architecture which ensures Extensibility and Flexibility in Development and Operation
 International Partner



What will become of ?

- Easy to Deposit Research Output through RDM Platform
- Possible to handle Large-scale Research Data with appropriate Interface
- Expandable to Subject Repository in addition to Institutional Repository



Data Discovery Platform





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 (Storage Configuration, Plugin Configuration)
 - 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





Manage Research Data by Research Project

Connect Cloud Storage from Various Plugin

Share Research Data within Collaborators authn by ID Fed





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- Timestamp Proofing
- Long-term Preservation

Librarian, Research Office

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- Metadata Management
- Data Publication
- DOI Registration

Develop Additional Functionalities in consistent with University Workflow 情報学研究所

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