Jisc RDM Shared Service
Development Process and Institutional Engagement
» Project Stages
» Process Overview
» HEI engagement
» Procurement process
» Timeline and Next Steps
Shared Service Proposed Stages

» 1st Stage: Jisc procured and developed beta service with pilot HEI’s

» 2nd Stage: Jisc delivered RDM Service (agreed via business case)

» 3rd Stage: tbc - Jisc offer modules and/or national agreements to fill architecture gaps in existing systems

• Jisc require feedback from the community and welcome feedback on published concepts.

• To take these concepts forward volunteer pilot institutions to work up detailed requirements and develop/test the service in partnership will be needed.
Process overview

Requirements gathering and design
- Requirements and functions identified
- Identify Pilot Institutions requirements

Updated User Requirements

Commission/Procure service development and implementation
- Build a team of System Suppliers/Developers

Alpha Development
- Pilot (Alpha) Development
- Pilot (Alpha) Testing

Phase 2: enriched functionality, enhancements and modular shared services

Service Development
- Launch Production Shared Service
- User Consultation

Launch Beta Service

Research at Risk Results: Metadata, Preservation, Metrics, ORCID

Project Expert Advisory Group, Research at Risk Co-Design Partners. Jisc Board
6-8 HEI’s needed to partner with to develop, pilot and test the service

Already have informal expressions of interest, formal selection process announced

Looking for a range of institutions based on:
- size, type of institution
- types of data
- degree of RDM readiness
- current institutional systems

Deadline for formal EOI’s 7th December

More information available on Jisc Blog
Pilot Participation Benefits

- Institutionally branded RDM and research object repository solution
- Support policy compliance (EPSRC, OA, OpenAIRE etc.) and best practice
- Institutional support to refine RDM requirements and implementation
- Focus on intuitive UI and ease of use for researchers
- Focus on interoperability between institutional and external research systems
Pilot Participation Benefits

» Extensible, open standards based approach
» Bit-storage archiving and data preservation
» New features from Jisc pilot services: Usage Statistics and metrics, UK Research Data Discovery Service
» Jisc manages system, relieving burden from institutional IT and procurement staff
» Comprehensive reporting on RDM

Also Jisc will work with you on your use cases and problem areas.
Pilot Participation Expectations

» Support of internal sponsor(s). This should be at the level of Pro-Vice Chancellor of Research and/or Chief Information Officer.

» Work collaboratively with the third party suppliers to implement the shared solution and where necessary share information with Jisc and our partners on the institution’s architecture.

» Provide the inputs and resources needed to test the system. This will include access to researchers where domain expertise is necessary, the research data and the required metadata.

» Provide access to internal systems and the relevant technical staff for API development.
Pilot Participation Expectations

» Create detailed institutional requirements during the discovery stage and give feedback into the development pathway. Technical support will be made available to do this.

» Test the system to ensure that it complies with their institutional RDM policies.

» (light) Data Asset Framework (DAF) if they haven’t already undertaken one.

» Perform Quality Assurance exercises on ingested materials.

» Input to support a business case for a production level shared service.

» Community and dissemination activities
Procurement

» **Draft Lots**
  - User interface
  - Repository development and management
  - Metadata exchange and integration
  - Data exchange and integration
  - Research data preservation
  - Reporting

» **Existing Frameworks and Agreements**
  - Data Archiving Framework
  - Cloud Storage
  - Shared Data Centre
  - Jisc Futures Framework (Developer Services, RDM and Technical Architecture Consultancy)

» Tender to go out late November/Early December 2015
Procurement Lots

RDM Shared Service: data and metadata transfers between lots and systems
Milestones 2015

- **April-August**
  - Gather information and requirements
  - Develop concepts and architecture

- **September**
  - Initial engagement with pilot HEI's
  - Develop procurement approach

- **October**
  - Firm up requirements, approach, design and procurement

- **November**
  - Consult and finalise on requirements and begin procurement process

- **December**
  - Selection of pilot HEI's
  - Expert Advisory Group review requirements

**Summary**

- **Survey**
- **Initial Concepts**
- **Requirements Workshop**

- **Project plan**
- **Draft Requirements**

- **Co-Design partner Input**
- **Operational plan**

- **Requirements & Supplier Workshops**
- **PQQ and OR Launched**

- **First Expert Advisory Group Meeting, Selection of Pilot HEIs**

23/11/15  RDM Shared Services timeline
**Summary**

**Milestones 2016/17**

1. **HEI Requirements gathering**
   - HEI Requirements gathering

2. **OR finalised and published**
   - Suppliers selected and contracts in place

3. **Alpha service tested and reviewed**
   - Beta service launched

4. **Feedback on Beta Service**
   - Business Decision go/no go

5. **If go then transition to production service**

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**January 2016**

- Work begins on detailed requirements and technical architecture

**February 2016 – April 2016**

- Development Phase

**May 2016 – July 2017**

- Development Phase
  - Contact additional early adopter HEI’s and promote Beta Service

**August 2017 – September 2017**

- Business planning and begin Business Case
  - Market Research and Consultation

**October 2017 – December 2017**

- Promote service to institutions
  - Start on next phases (service enhancement/modular)
We want your feedback...

Thank you!

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