



04/04/2017

RDA UK

National and regional RDA initiatives: benchmarking and reflections

Vision

To make the **UK** the most **digitally advanced education and research nation in the world**

Mission

To enable people in **higher education, further education and skills** to perform at the **forefront of international practice** by exploiting fully the possibilities of **modern digital empowerment, content and connectivity**

1

Shared **digital infrastructure** and **services**

Current examples:

Janet network, shared data centre, eduroam wireless, geospatial services

Future examples:

Learner analytics, research data management, FE college in a box

2

Sector wide deals with IT vendors and commercial publishers

Current examples:

Microsoft 365 email, Amazon web services, e-journals, FE e-books

Future examples:

Prevent web filtering, Tableau, new models for digital publishing

3

Expert and trusted **advice** and practical **assistance**

Current examples:

Financial x-ray, cloud advice, cyber security/business continuity

Future examples:

FE mergers, open access good practice, national monograph strategy

Research at risk

“ This must be sorted and pulled together. Jisc can offer leadership here. ”

John Shemilt - Director of ICT, Imperial College, RUGIT



Realising a robust and sustainable research data management infrastructure and services to enrich UK research.

Challenge

There is currently an inefficient and fragmented approach to research data management throughout the UK. This leads to underperformance and cost inefficiencies across universities. There is a real risk to universities in failing to comply with government and funder requirements.

Who it affects

- >> Researchers need to comply with government and funder requirements
- >> IT directors need to store and manage research data
- >> Librarians need to ensure other researchers can access the data

Why it matters

- >> Ability to attract and retain researchers
- >> Reputation of universities can be affected by mismanagement of research data
- >> Support better research collaboration (internationally)
- >> Comply with requirements of research funders

Success criteria

- >> Cost effective national brokered infrastructure as a service
- >> Research outputs discoverable and reusable
- >> Fewer impediments to doing research
- >> Research Data Management is business as usual

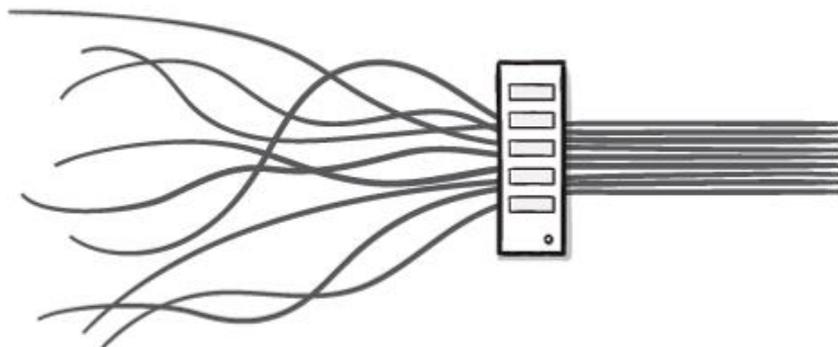


Illustration by Lisa West Studio

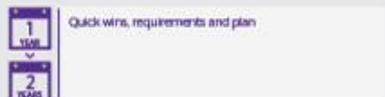
Jisc audience

Which members of Jisc's audience will be most interested?



Timescale

How long until we can expect to see the benefits?



Commitment

Who in the steering group pledged to commit two days of their time?



• Mike Fraser - Director of Infrastructure Services, University of

Strategic framework

How does the challenge fit with Jisc's strategic framework?



Vision

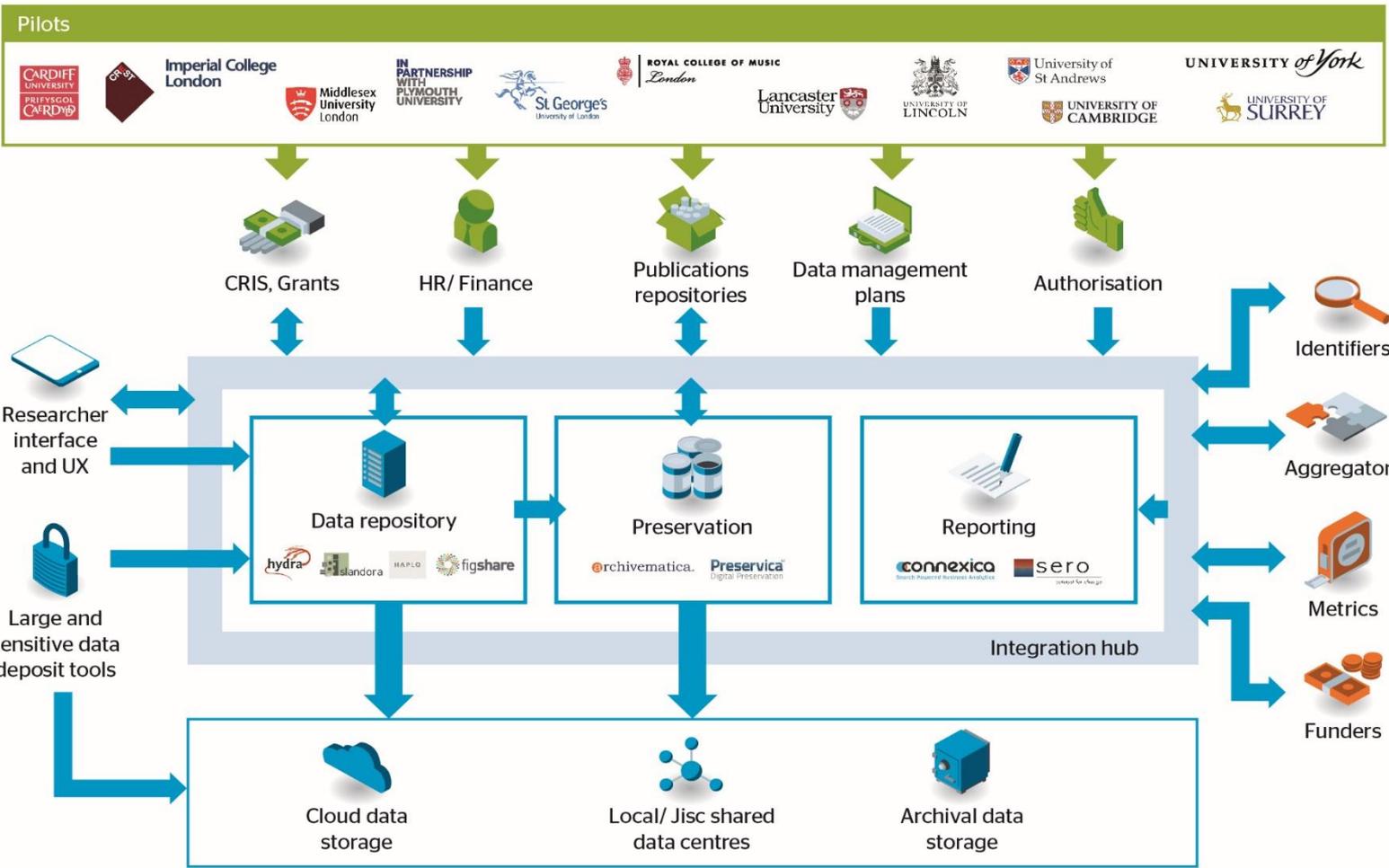
» **Visible data, invisible infrastructure**

For researchers:
intuitive, easy functionality

For institutions:
interoperable systems and best practice

Goals

- » Policy compliance
- » Increase sector efficiencies
- » Improve integrity of research
- » Address gaps
- » Accelerate RDM
- » Support for Open Access/REF



- » Jisc – UK leader and provider of research infrastructure. Supporting research across the whole research lifecycle through Research Data Shared Service, Research Data/Information Management, open data/science/research and community engagement
- » RDA – expert practitioners and researchers. Interest in sustainable standards and infrastructure for research data.
 - › Shared interests
 - › International perspective
 - › Technology (registries, metadata, interoperability)
 - › Enabling Better (Open) science
 - › Community Engagement
 - › Relevant interest and working groups

Individuals

- ✓ Observers
- ✓ Contributors
- ✓ Drivers

- *Members*
- *WGs-IGs-BoFs*
- *Requests for Comments*
- *Plenaries*

Organisations

- ✓ Insight
- ✓ Adopt
- ✓ Drive

- *Member*
- *WGs-IGs-BoFs*
- *RfCs*
- *H2020 projects*
- *Adoption / Uptake*

National level

- ✓ Coordination & Knowledge Exchange, Strategy & / or Implementation

- *Papers & Events*
- *Meetings & Fora*
- *Training & Workshops*
- *Uptake pilots*

- » **Recommendations:** flagship outputs of RDA, equivalent to the “specifications” or “standards” that other organisations create and endorse.
- » **Supporting Outputs:** outputs of WGs and IGs that are fruit of RDA work, but are not necessarily adoptable bridges. Go through a community comment period and if no major objections or gaps are identified they get the RDA Brand.
- » **Other Outputs:** include workshop reports, published articles, survey results, etc. Anything a WG or IG wants to register and report.

www.rd-alliance.org/recommendaions-outputs



- » **Timeframe:** 1 June 2016 to 31 May 2017
- » Jisc funding RDA and coordinating body for UK engagement
- » Working in partnership with RCUK (especially STFC)
- » **Deliverables:**
 - › Coordinate UK data systems, researchers and infrastructure providers, within the context of RDA
 - › Provide diverse and expert advice on data efforts
 - › Improve the efficiency of UK data infrastructure development
- » Supports Jisc's aim to ensure that UK research and its outputs are part of the global research infrastructure, in particular helping to inform the best practices and standards that Jisc (& other related UK infrastructure) can implement to support the creation, management and sharing of research data as a primary research output and knowledge foundation

- » Achieving the deliverables:
 - › Local engagement to ensure wider impact and see RDA in practice
 - › UK researchers, developers and infrastructure providers will work within appropriate RDA Working and Interest Groups in furthering UK research interests
 - › The RDA will advise and assist the UK community on developing and participating in relevant RDA Working and Interest Groups
 - › Engage with UK organisations to solicit their membership and advice on the usefulness and applicability of RDA Recommendations to UK research and related organisations
 - › Build RDA engagement and general collaboration and communication within the UK research community
 - › Disseminate and facilitate the adoption of RDA Recommendations and other outputs within the UK and beyond



Research Data Alliance UK (Jisc) Workshop
2 November 2016
The Studio, Birmingham



This one-day workshop will provide attendees with information about how the RDA is working to achieve its vision. It will include representatives from specific working and interest groups highlighting their work and discussing how this work can be used practically in universities and data centres in the UK.

Discussion topics include:

Trust & Certification, Metadata Standards, Publishing Data and Data Citation

Blog post and report: <https://researchdata.jiscinvolve.org/wp/2016/11/28/rda-uk-workshop/>

- » Group 1 – Trust and Certification
 - › [RDA/WDS Certification of Digital Repositories Interest Group](#)
 - › [Repository Audit and Certification DSA–WDS Partnership WG](#)
- » Group 2 – Data Citation
 - › [Data Citation Working Group](#)
- » Group 3 – Metadata Standards
 - › [Metadata Standards Catalog Working Group](#)
 - › [Metadata Standards Directory WG](#)
- » Group 4 – Publishing Data
 - › [RDA/WDS Publishing Data Interest Group](#)
 - › [RDA/WDS Publishing Data Workflows WG](#)
 - › [RDA/WDS Publishing Data Services WG](#)

- » The RDA is a window to different communities, a place to find solutions
- » RDA->RDA Europe->RDA UK - confusing at what level to engage
- » Useful to have a national data forum where national issues are discussed, which can be brought to the RDA
- » Need to reach out to practitioners who are never going to attend RDA plenaries and a national group should allow them to voice their concerns and ask questions
- » Need a channel for linking people who are interested in the working groups - enables everyone to feed into the groups and learn from them
- » Outputs need to be promoted and reach a maximum audience
- » Need a way to feed back from UK practitioners back into the expert groups
- » UK use cases could feed into the RDA and then come back with toolkits to help with these problems

- » Role for Jisc
 - › Profiling RDA work
 - › Engage with UK practitioners and make the connections
 - › Review of suitability of outputs and refining for particular contexts
 - › Focus on specific areas relevant to wider research audience
 - › Encourage researchers to attend plenaries and meetings where useful
 - › Only a pilot at this stage (testing things out)
 - RDA Workshop <http://bit.ly/2mVi1nz>
 - Discovering the RDA session at the 3rd Research Data Network event <http://bit.ly/2mVaYLL>
 - › Hope to build a more streamlined/common understood process
 - › Expand our Research Data Network (<http://researchdata.network/>)
 - Conduit for RDA work and highlighting relevant outputs to the community
 - Significant international research data initiatives (RDA, EUDAT, ANDS, etc)



<https://www.jisc.ac.uk/research-data>
<https://researchdata.jiscinvolve.org/wp/>
<http://researchdata.network/>
#JiscRDM



<https://www.rd-alliance.org>

@resdatall

@RDA_Europe

#rdauk



The Jisc logo consists of the word 'Jisc' in a white, bold, sans-serif font, centered on a solid orange rectangular background.

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