**The ORA-Data Repository in Action:**
The University of Oxford’s New Research Data Archive
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**Constructing the Repository...**

**User experience**

- User-friendly interface key to uptake:
  - ‘MyORA personal dashboard allows users to manage their deposits and view download statistics’
  - appearance and functionality of data deposit form designed after extensive wireframing and user consultation
  - features contextual help pop-ups and visualisations of a user’s progress

**Service metrics**

Informed by user feedback, statistical monitoring and management information:

- assess ability of pilot ORA-Data service to meet Oxford researchers’ (and EPSRC) requirements for data archiving
- create roadmap and costed model for the development, operation and maintenance of a full data archiving service – including costs of curatorial workflows and preservation

**Technical architecture**

Hydra supports multiple ‘heads’ (fully-featurered digital asset management applications and tailored workflows for different item types); DataBank provides underlying long-term storage

Bespoke repository solution:
- integrated service linked to the Central University Database (CUD), RT system and existing Oxford Research Archive (ORA) for publications and theses
- customized metadata schema supports DataCite citation and is broad enough to cover all disciplines at Oxford

**Sustaining the Service...**

Capacity planning

- How much data would you like to deposit in ORA-Data, and when?

Surveyed targeted at PIs of RCUK funded projects
- help estimate future archival storage needs by ensuring each research group’s data is counted only once
- give better understanding of researchers’ attitudes to research data management and preparedness for compliance with funder requirements

**Growing the service**

First key deposit from the Humanities: 25,000 XML-encoded digital texts from the Early English Books Online

Engage with academics to promote the full data archiving service across the University, and increase number of datasets deposited from all disciplines

**EPSRC readiness**

A clear working definition of what ‘research data’ really means would be a good starting point, is it every measurement made on a project (raw data) or are we concerned only with data that has meet some quality threshold and been manipulated into something more meaningful than the original measurement (processed data)? Oxford EPSRC researcher, Oct 2014

**RDM policy framework**

Process of drafting deposit conditions and licences, a cost model and DOI assignment policy stimulated wider debate about data ownership and IP – University policies now under review

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