The Realities of Research Data Management

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on behalf of

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• Devoted to challenges facing libraries and archives since 1978
• Community resource for shared Research and Development (R&D)
• Engagement with OCLC members and the community around shared concerns
• oc.lc/research
Case Studies

• Desk research followed by semi-structured interviews
• Selected four institutions with mature RDM offerings in four distinctive national environments
Report 1: Introduction & Framework

- Institutional problem to be solved
- Internal and external incentives
- Scope of the RDM capacity in each of the four universities
- Specific services in each cluster

Report 2: Scope

- Build or buy? Local or external?
- Institution scale or scaled above the institution?

Report 3: Incentives

- Institutional problem to be solved
- Internal and external incentives
- Scope of the RDM capacity in each of the four universities
- Specific services in each cluster

Report 4: Sourcing & scaling

- Build or buy? Local or external?
- Institution scale or scaled above the institution?
Research Data Management
Service Categories

**EDUCATION**
Raise awareness of RDM's importance, encourage RDM skill-building, and disclose RDM tools and resources

**EXPERTISE**
Decision support for, and customized solutions to, specific research data management problems

**CURATION**
Technical infrastructure and related services that support data management throughout the research cycle
"RDM Service Bundle Highlights" by OCLC Research from The Realities of Research Data Management Part Two: Scoping the University RDM Service Bundle (https://doi.org/10.25333/C3PG8J), CC BY 4.0
RDM Service Bundle Highlights
Wageningen University & Research

EDUCATION
“Browse by Subject”/FAQ
Online Resources
Training Courses
News Feed

EXPERTISE
Online Contact Form
DMP Review/Feedback
Consultation for Data and
Metadata Preparation
Mediated Deposit

CURATION
DANS-EASY
4TU.ResearchData
Git@WUR
Pure/NARCIS

* “RDM Service Bundle Highlights: Wageningen University & Research” by OCLC Research, from The Realities of Research Data Management Part Two: Scoping the University RDM Service Bundle (https://doi.org/10.25333/C3PG8J), CC BY 4.0
RDM Service Bundle Highlights
University of Illinois at Urbana-Champaign

**EDUCATION**
- Customized DMPTool
- RDM Workshops
- Outreach
- Data Help Desk Drop-in
- Data Nudge

**EXPERTISE**
- DMP Review/Feedback
- General Email Contact Point
- Staff Contact Information
- Scholarly Commons
- Digital Curation Network

**CURATION**
- Illinois Data Bank
- U of I Box
- Active Data Management Support

"RDM Service Bundle Highlights: University of Illinois at Urbana-Champaign" by OCLC Research, from The Realities of Research Data Management Part Two: Scoping the University RDM Service Bundle (https://doi.org/10.25333/C3PG84), CC BY 4.0
"RDM Service Bundle Highlights: Monash University" by OCLC Research, The Realities of Research Data Management Part Two: Scoping the University RDM Service Bundle (https://doi.org/10.25333/C3PG8J), CC BY 4.0
“RDM is not a monolithic set of services duplicated across universities; it is a customized solution shaped by a range of internal and external factors operating on local decision-making.”
“An RDM service bundle includes not just what is built and deployed locally, but the full range of services, sourced locally and externally, that the institution manages, or to which it brokers access.”
Incentives
Incentives to Acquire RDM Capacity

Compliance with external policies is a strong driver in some locales

Evolving scholarly norms are not uniform, disciplinary diversity is also a challenge

Institutions built services in anticipation of rather than response to researcher demands

Developing RDM expertise may be part of an institutional strategy to increase library support for research workflows

“Incentives to Acquire RDM Capacity” by OCLC Research, from The Realities of Research Data Management Part Three: Incentives for Building University RDM Services (https://doi.org/10.25333/C3S62F), CC BY 4.0
Sourcing & Scaling Choices
Coming April 2018
Strategic Sourcing of RDM Capacity in Research Universities
“It would be a mistake to imagine that there is a single, best model of RDM service capacity, or a simple roadmap to acquiring it.”
Questions for discussion

• What is a „good“ RDM service bundle?
• Is there a notion you have to „tick all the boxes“ to be a credible RDM player? Is the strategic absence of certain services a „gap“?
• Do you dare partner or source externally?
• Do you dare make strategic choices to NOT do certain things, to free up resources to focus on what is most relevant or impactful in your circumstances?
Thank you!

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