Joint meeting: IG Archives and Records Professionals for Research Data, and IG Libraries for Research Data Interest Groups Plenary 11
23 March 2018, Berlin

research data sharing without barriers
rd-alliance.org

Meeting notes

https://goo.gl/fXD2Nm

Agenda

- Introduction to each group

- Current and past IG projects
    - Appraisal; Digital Preservation (ARPRD); 23 things (L4RD)

- Potential joint projects
    - Metadata 2020 Library Group related task (L4RD)
    - Untitled increasing awareness project (Joint proposal)
    - Open discussion on potential projects of interest to both communities

- Closing discussion on which projects the two communities might move forward with

Introduction to ARPRD IG

Objective

Explore the areas where the principles and practices in the information disciplines of archives, records management, and research data curation overlap and where they diverge.

Goals

Develop Supporting Outputs that bring archives and records knowledge to RDA and RDA knowledge to the archives and records fields

Introduction to L4RD IG

Objectives

- Define organizational and service models to support RDM in research libraries
- Promote best practices and interoperability of library infrastructures with domain repositories and other RDM initiatives.
- Develop strategies for embedding data management services at academic and research institutions
- Identify sustainable organisational business models for libraries in support of RDM
- Foster the adoption of data-related skills into information literacy instruction for scholars and librarians
- Act as a conduit to bring together the activities of different regional library groups including IFLA, LIBER, ARL, CARL, etc.
- Develop advocacy and outreach material for RDM in the research and education communities, in particular with university administrators

RDA
RESEARCH DATA ALLIANCE

L4RD Overview

Current Co-chairs: Andi Ogier, Birgit Schmidt, Juliane Schneider, Marta Teperek

Past Co-chairs: Kathleen Schearer, Michael Witt, Wolfram Horstmann

Wiki: https://www.rd-alliance.org/node/1633/all-wiki-index-by-group

- P2 Washington: First meeting as a BOF
- P3 Dublin: Research Data Skills in Libraries
- P4 Amsterdam: Research Data Solutions in Libraries
- P5 San Diego: Organizational Models for Data Services
- P6 Paris: Developing and Adapting to Research Data Policies
- P7 Tokyo: Applying Global Information-sharing and collaboration to Local Practice
- P8 Denver: International Data Week
- P9 Barcelona: Bringing Research Data Management into the Library Mainstream
- P10 Montréal: Realities and Assessment of Library Data Services
- P11 Berlin: From data services to research partnerships: Libraries facilitating knowledge creation

Current and past IG projects

ARPRD - Digital Preservation

- ▪ Discussed at Plenary 8 (Denver) and Plenary 9 (Barcelona)
- ▪ Planning drafting of guidance or documentation on digital preservation, in a short and accessible format similar to the Libraries IG's "23 Things" which has been widely circulated and re-used.

- To establish the Archives and Records Professionals IG as experts in digital preservation within RDA.
- To create high level guidance for researchers giving advice on how they can address digital preservation.

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ARPRD - Digital Preservation

A short, user friendly guide to digital preservation for research data, aiming to:

- Provide useful guidance aimed at researchers both inside and outside RDA
- Introduce researchers to archival terminology and its connection to research data management practices
- Build on the 2013 NDSA's Levels of Digital Preservation document

ARPRD - Digital Preservation

Tasks:

- Draft a brief literature review to ensure that an Archives IG document would not duplicate an existing resource.

- Gather perspectives from the members of the Archives IG and from other groups regarding the particular challenges of preserving research data (as opposed to other digital assets).

- Review the NDSA's "Levels of Digital Preservation" document and discuss potential updates/amendments.

- Develop plan for shape of recommendations based on initial research.

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ARPRD - Appraisal

Overview/goals

- A short, user friendly guide to appraisal for research data
  - The audience for this resource would include domain researchers to introduce them to the topic as well as people/organizations with little or no access to archival professionals in their organization.
- Built around 4 themes identified at the Barcelona Plenary

ARPRD - Appraisal

- 4 themes:
  - **Introduction to appraisal**
  - **How to develop an appraisal process** with your domain experts to ensure items meet your mission.
  - **What metadata should be (or must be) collected** - This will outline what information will be required to conduct an appraisal assessment and ensure that processes are in place to collect the necessary information.
  - **Why and how to disposition something** - How to evaluate materials for possible deaccession from your questions and guidelines for evaluation.

ARPRD - Appraisal

Tasks

- Gathering resources from the community
  - Resources, articles, guides, tools, use cases, etc.
- Review
  - Review materials collected, compile short list.
  - Evaluate level of skill/knowledge needed for resource.
  - Assemble a product from the resources gathered.
- Long term
  - Getting domain specific (brief) case studies to demonstrate the recommendations gathered from the community. We might request those from the domain IGs/WGs.

23 Things: Libraries for Research Data

An overview of practical, free, online resources and tools that you can begin using today to incorporate research data into your practice of librarianship.

Research Data Sharing Without Barriers

Learning Resources

Librarians are learning how to apply the principles of library science to solve problems and to provide new services related to research data.

1. A **"top ten" list of recommendations** for libraries to get started with research data from LIBER, http://bit.ly/1qUvKG3

2. Relevant concepts are presented and mapped in the **e-Science Thesaurus**, http://bit.ly/1LEo4h8

3. Understanding the life of research data with the **DCC Curation Lifecycle Model**, http://bit.ly/1MoGGGv

4. **MANTRA** online training modules for librarians, http://bit.ly/1RRvVju

5. Read the most current literature in the **Digital Curation Bibliography**, http://bit.ly/1JjoivX

6. Dozens of examples of resource guides created by librarians for patrons to learn more about data on the **SpringShare LibGuide Community Site**, http://bit.ly/1DvMDcr

> Learning Resources
> Data Reference and Outreach
> Data Management Plans
> Data Literacy
> Citing Data
> Data Licensing and Privacy
> Digital Preservation
> Data Repositories
> and a Community of Practice
>
> *..to help librarians engage in research data!*

Data Reference & Outreach

Librarians are answering questions about data from patrons and conducting outreach to assess the data needs of their researchers and students.

7. Begin a conversation with a researcher about data by **Conducting a Data Interview**, http://bit.ly/1opHoyQ

8. Learn more about a researcher's needs by creating your own **Data Curation Profile**, http://bit.ly/1ehftXb

9. Develop engagement materials to help your librarians such as the **DataOne Librarian Outreach Kit**, http://bit.ly/1gOU3mn

10. Questions about data answered by experts on the **DataQ** forum, http://bit.ly/1MoH4Vg

Data Management Plans

Librarians are becoming familiar with funder requirements and consulting with researchers to help them write and implement effective data management plans.

11. One example is the **DMPTool** that lists funder requirements in the United States and builds a plan by asking the researcher to answer a series of questions. Other countries such as the U.K. and Canada have similar tools, http://bit.ly/1LuNZMH

Data Literacy

Librarians are including data in their information literacy instruction, to recognize when they have a need for data and have the ability to locate, evaluate, and use data.

12. The **Data Information Literacy** project and book developed a curriculum to help librarians and other teachers incorporate data into information literacy outreach and instruction, http://bit.ly/1KkOvws

Metadata

Librarians are helping to organize, classify, and describe research data and developing standards for metadata to help make data more easily discovered, understood, and preserved.

13. Determine what metadata format is appropriate and standard to recommend or apply by using the **Metadata Standards Directory**, http://bit.ly/1g6eoVy

Citing Data

Librarians are helping to promote the scholarship of data by encouraging and enabling data citation, assigning identifiers to datasets, creating links between documents and data, and helping users properly attribute credit to data producers.

14. **DataCite** has resources to help researchers make their datasets citable to help users give attribution and to begin measuring impact by issuing Digital Object Identifiers (DOIs) for datasets, http://bit.ly/1SCFGgu

Data Licensing and Privacy

Librarians are helping researchers share their data using appropriate licenses and while protecting confidential information about subjects or other sensitive data.

15. **How to License Research Data** from the Digital Curation Centre can help librarians work with researchers to choose a license for the data they share, http://bit.ly/1RDEqfw

16. JISC manages the **DATA-PROTECTION email list** with discussions on issues related to sensitive data, http://bit.ly/1JyQQy2

Digital Preservation

Librarians are working with the archival community to develop and implement infrastructure and practices to ensure that data collections are accessible and usable in five, twenty, fifty, or a hundred years or longer.

17. Understand vocabularies and standards for digital archives using the Open Archival Information System (**OAIS**) reference model and trustworthy digital repository certifications such as **ISO 16363** and the **Data Seal of Approval**

18. Find tools that are available to help with digital preservation using **COPTR**, http://bit.ly/1KEj1Bu

Data Repositories

Many libraries are providing institutional repositories to enable their users to publish and archive datasets or helping researchers identify other, appropriate repositories for specific funders, disciplines, or other domains.

19. Find an appropriate repository by searching the **re3data.org** registry of research data repositories, http://bit.ly/1Klsivr

20. Publish and share data now using free, online data repositories such as **figshare**, **Zenodo**, **Open Science Framework**, or **DataVerse**

Community of Practice

Librarians are connecting with each other and a larger community of researchers, technologists, funders, publishers, and others to develop solutions and share best practices for research data.

21. An example of a federal approach to research data management community-building at a federal level is the **Australian National Data Service**, http://bit.ly/1Vw3oPW

22. Some annual conferences that address research data and involve librarians include the International Digital Curation Conference (**IDCC**), Research Data Access & Preservation Summit (**RDAP**), International Association for Social Science and Information Services (**IASSIST**), and Research Data Alliance (**RDA**)

23. **Join the Research Data Alliance!** Belong to an international community who builds social and technical bridges to enable data sharing. It's free to join by visiting the website, then subscribe to the **Libraries for Research Data Interest Group**, http://bit.ly/1gtTE92

Contact Information

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Potential joint projects

Metadata 2020 Library Group related task (L4RD)

Untitled increasing awareness project (Joint proposal)

Open discussion on potential projects of interest to both communities

Closing discussion

Wrap up and close

ARPRD

- Archives and Records IG page:
  http://tinyurl.com/nyc24v6

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RDA
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Wrap up and close

L4RD
- Libraries for Research Data IG page: https://goo.gl/PWXgzR

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