



Research Data Architectures in Research Institutions

Healthy architectures for healthy data - sharing approaches for sensitive data architectures

Breakout 5, 14th RDA Plenary, 24.10.2019



Agenda

1. Brief introduction to the group
2. Presentations and lightning talks by Institutions - followed by the questions and discussion

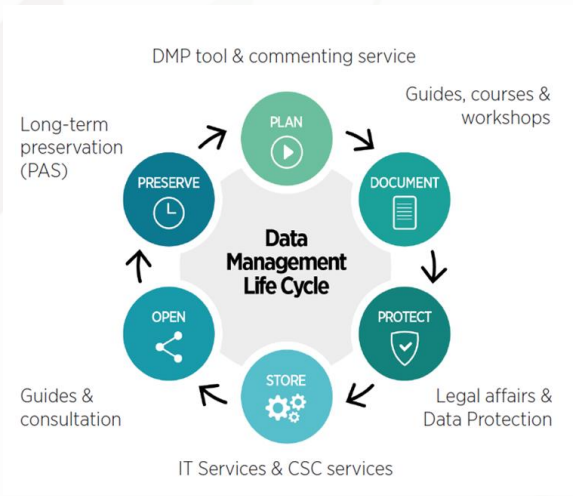
Proposed presentations:

- Sensitive data architecture and services in the University of Helsinki
- Sensitive data at the UCL
- RDM at Munich: News and glimpse on first sensitive-data projects
- other

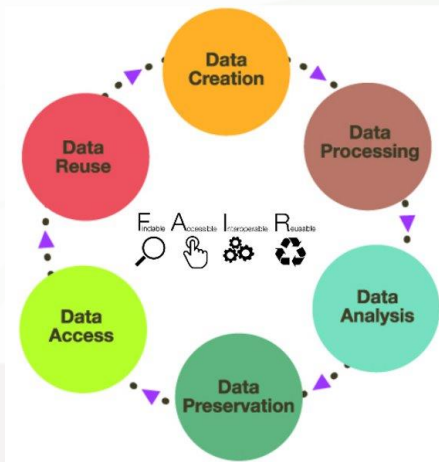
3. Governance survey
4. Seeking for WG topics
 - About RIDA
5. IG activities



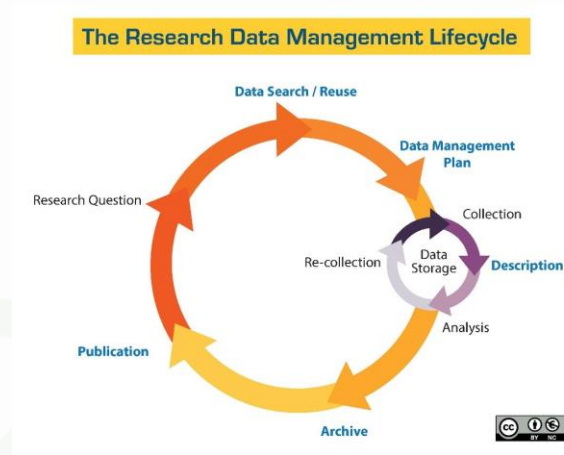
Research Data Management Life Cycle



1



2



3



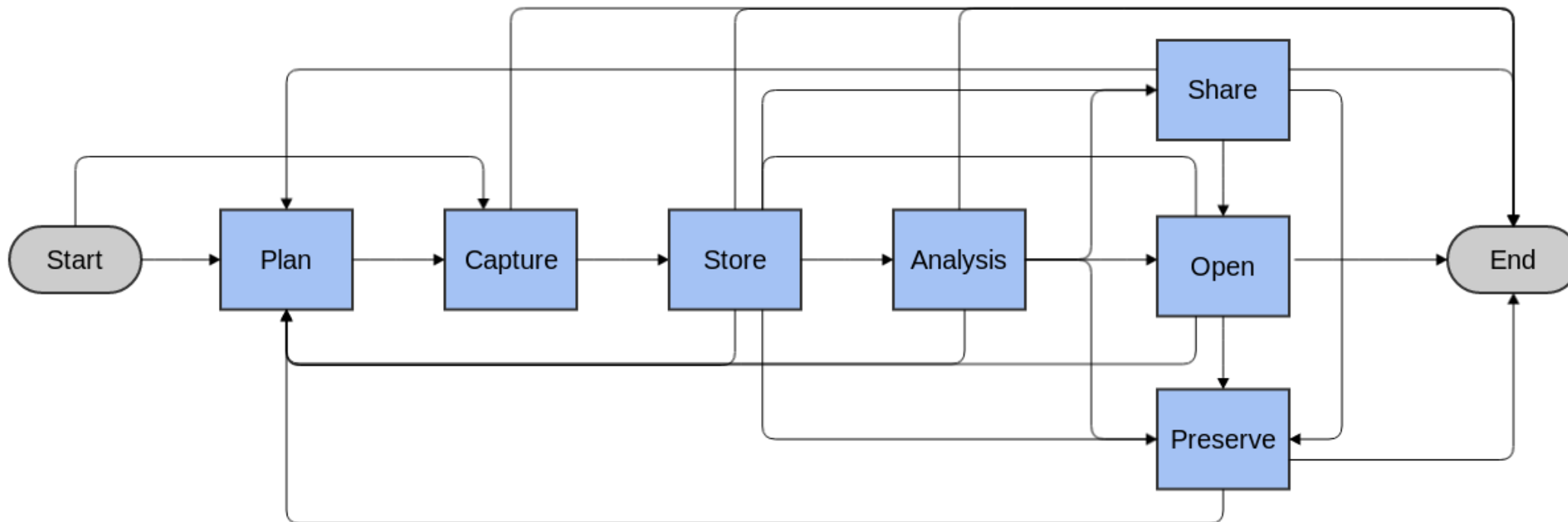
4

Sources:

- 1) <https://www.helsinki.fi/en/research/research-environment/research-data-management>,
- 2) Peter Doorn, Eliane Fankhauser, Mustapha Mokrane; FAIR data in practice: From FAIRy tale to FAIR enough, Webinar, 11 December 2018
- 3) <http://blog.nus.edu.sg/linus/2017/06/12/intro-rdm/>
- 4) <https://biblio.uottawa.ca/en/services/faculty/research-data-management/what-research-data-management>



Research data processes



Policies, FAIR principles, Documentation, Data protection, Data security, Governance, Funding...



Brief introduction to the group

- The Research Data Architectures in Research Institutions Interest Group (RDARI) is primarily concerned with technical architectures for managing research data within universities and other multi-disciplinary research institutions.
- It provides insight into the approaches being taken to the development and operation of such architectures and their success or otherwise in enabling good practice.



Main themes

- Exploring how diverse tools, technologies, and services can be integrated to meet the evolving needs of researchers in research institutions.
- Considering interoperability between institutional research data infrastructures and (inter)national or discipline-based infrastructures
- Understanding the different institutional approaches to governance structures and business processes in responding to research ICT demands (e.g. capacity planning/forecasting for storage)
- Sharing case studies of solutions developed by data infrastructure projects in research institutions
- Presenting technical innovations and ideas that can further the development of integrated research data infrastructures
- Agreeing best practice relating to research data architectures in research institutions
- This group is also for discussion about nuts and bolts of the research data infrastructures used in the local research infrastructures.



In Action

- Interest group is open for everyone who is interested in themes of the group
- If you like to join the group, you can do it in the web page of the group:
 - <https://www.rd-alliance.org/groups/research-data-architectures-research-institutions-ig>
- Main activity right now:
 - Survey
 - Case studies



Practicalities

Collaborative notes:

- Session page include a link to a blank Google doc to use for collaborative note taking
- Please feel free to add your own notes

Session Attendance Tracking

- Printed attendance sheets will be available in each meeting room.



Thank you!

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