

Introduction to Research Data Management

The life of research data

Introduction

Begin thinking about your research data from the management perspective.

The life of data

The research project is proposed.

...

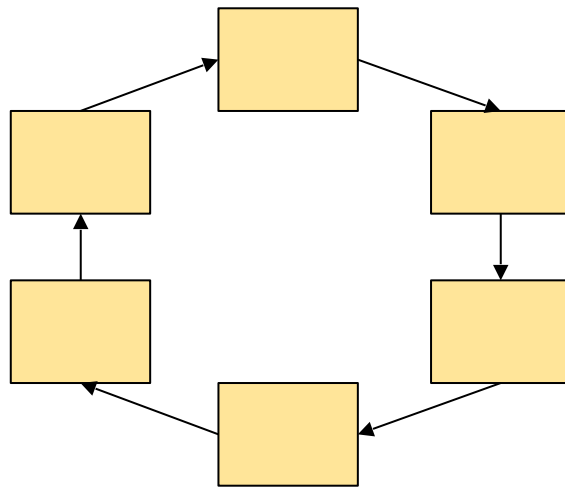
Research papers are published.

...

The research project ends.

...

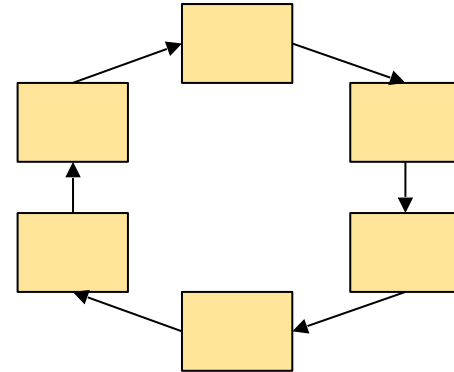
Someone wants to reuse data.



Exercise: What happens in the “...”

Outline major steps in the life of research data, between the time a project is proposed and the time data are deleted or lost.

- An overview of how data are created and used over time.
- It's okay to have a few big broad steps.

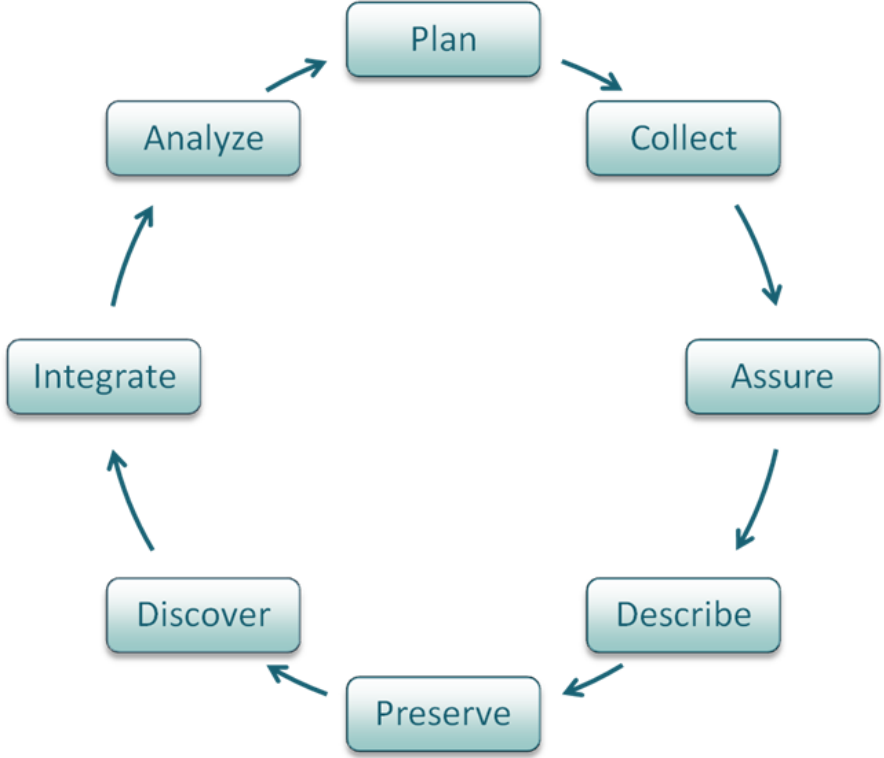


Exercise: What happens in the “...”

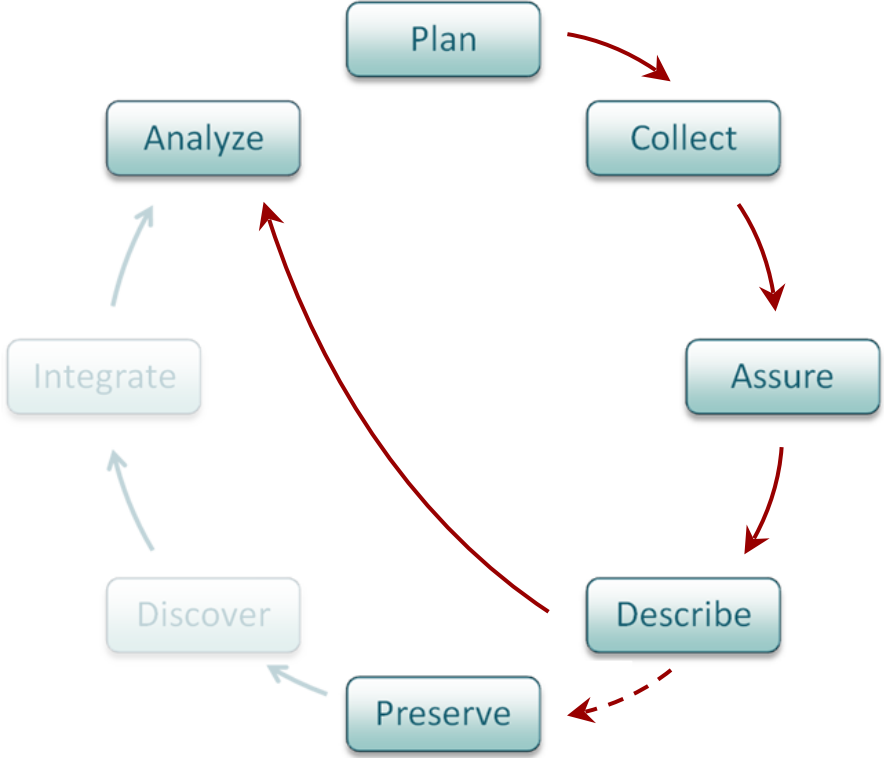
Hint: If you start with “collect research data”. What then?

Write out an overview of what you'll do with your data over the course of your project, until you're "done" with the data.

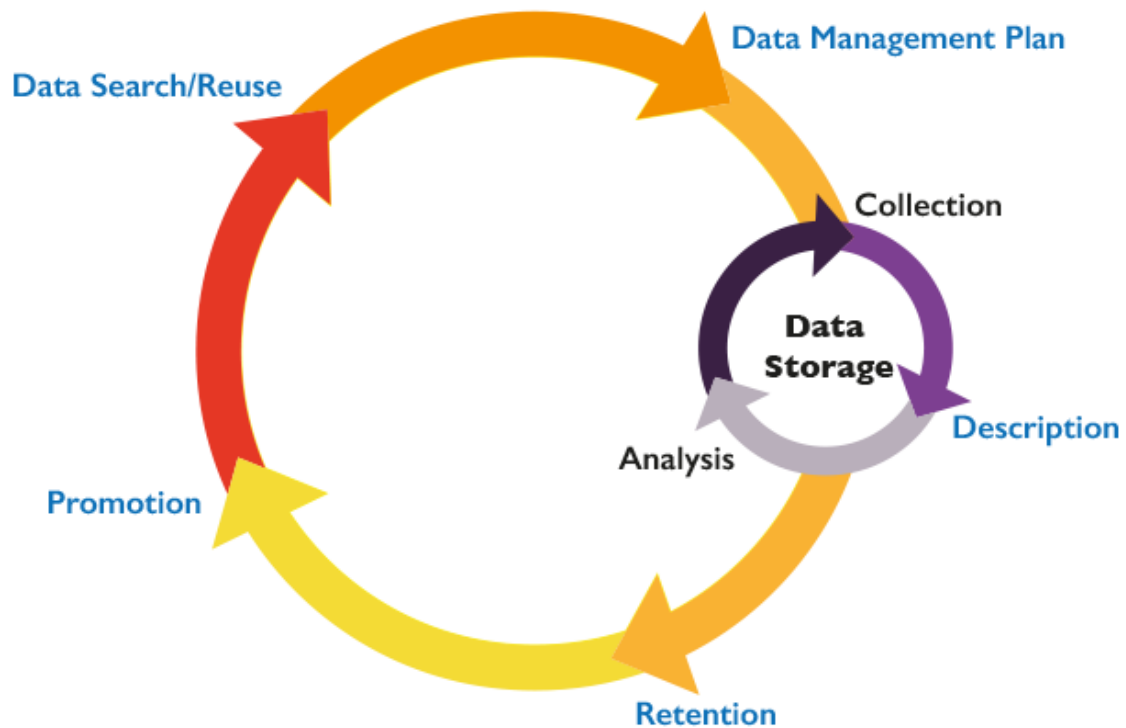
DataONE lifecycle diagram

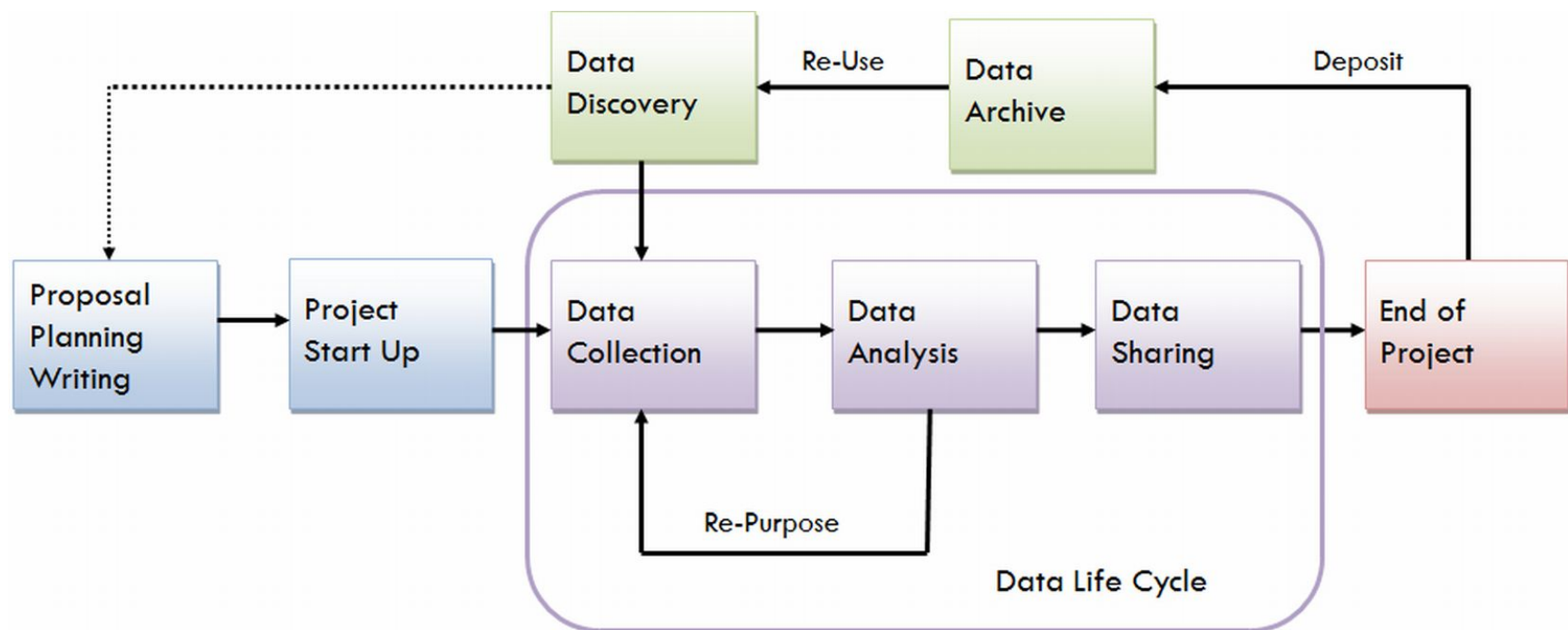


DataONE lifecycle diagram



The Research Data Management Lifecycle





Discussion

Would you change anything about the diagram you made?

Workshops

1. Build an overview
2. Collect and document data
3. Store digital data
4. Work with data
5. Share and preserve data
6. Plan ahead

References and resources

- DataOne. "Data Lifecycle" [Website](<https://www.dataone.org/data-life-cycle>)
- University of California, Santa Cruz. "Research Data Management Lifecycle" [Website](<http://guides.library.ucsc.edu/datamanagement>)
- University of Virginia. "Steps in the Data Life Cycle" [Website](<http://data.library.virginia.edu/data-management/lifecycle/>)

Break

