Data Life Cycle across communities

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EUDAT in Short
EUDAT in Short

Core services

B2SHARE
B2STAGE
B2SAFE
B2FIND
EUDAT2020 in Short

Core services

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B2STAGE
B2SAFE
B2FIND
B2DROP
... B2MORE
EUDAT2020 in Short

Community services
- Workflow engine
- Provenance tracking

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What is a scientific data life cycle?

Creating data
- design research
- plan data management (formats, storage etc)
- plan consent for sharing
- locate existing data
- collect data (experiment, observe, measure, simulate)
- capture and create metadata
A directed cycle graph?

- Creating data
- Processing data
- Analyzing data
- Preserving data
- Giving access to data
- Reusing data
A more complex graph?
Yeah definitely more complex!!!
What are the existing Data Life Cycle models?

*Pr. Peter Fox*

*Tetherless World Constellation Chair, Professor of Earth and Environmental Science, Computer Science and Cognitive Science, and Director of the Information Technology and Web Science Program at Rensselaer Polytechnic Institute*
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Where do we go from there to develop support for Data Life Cycles in EUDAT 2020?