Making Data Sharing the New Normal: Progress and Challenges

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SECTION 1

Research Data and Research Libraries
SECTION 2

Current Research Library Strategies
FAIR Data Principles

• A set of principles to ensure that data are shared in a way that enables & enhances reuse, by humans and machines. doi: 10.1038/sdata.2016.18

• Findable
• Accessible
• Interoperable
• Reusable
Data Curation Network

• collaboratively shares data curation staff
• across a network of partner institutions and data repositories
• https://sites.google.com/site/DataCurationNetwork
SECTION 3

Strengths
Library Strengths

- Trust
- Preservation
- Descriptive Metadata
- Access
- Connecting/Collaborating/Translating
- Advocacy
SECTION 4

Challenges
Library Challenges

- Really big data
- Domain expertise
- Statistical thinking
- Discovery
- UIs for reuse

cc: morberg - https://www.flickr.com/photos/18271014@N00
SECTION 4

Missing Pieces
Missing Pieces

- Generous data discovery interfaces
- Better interfaces for enabling reuse
  - Domain repositories do both well but not yet trans-disciplinary
- Can we do this at the institutional and cross-institutional level?

cc: QualityFrog - https://www.flickr.com/photos/36829973@N04
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