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A Research Data Services FAIRytale

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Abstract: Research data management practices, reproducibility, and research ethics align with libraries' values, making them a natural home for data-related support. Libraries are well positioned to meet the challenge of today's research landscape, building partnerships and services across our institutions.

01. Backstory

Data are everywhere. Data management and sharing expectations are shifting. Data literacy education and research data services are essential. And data support services and expertise are often distributed across campus units.

02. Definitions

Data: Anything on which you perform analysis

DMP: A data management plan outlines what you will do with your data during and after your project

DUA: A data use agreement details limitations on confidential or proprietary data

FAIR Principles: Making data Findable, Accessible, Interoperable, and Reusable optimizes reuse and increases impact

03. Quest Companions

- Information Technology Services
- Data Management and Analytics Center
- Sponsored Programs
- Division of Research
- Data Security Working Group

04. Tools [Screenshot of tool logos]

- Springshare
- Tableau
- Mailchimp
- Scholars Archive
- DMPTool
- Voyant

05. Dragons, Goblins, & Trolls

We encountered some challenges.

- Turnover in staff and organizational shifts
- Culture and prior practices
- Non-traditional library service
- Marketing stalling out

06. Heroic Feats

We had some victories.

- Libraries are Data Services "home base"
- DMPTool customized and integrated into university processes
- DOI minting underway
- Workshops: Well received and growing
- Newsletter launched

[Screenshots of UAlbany Data Services Data Nudge and UAlbany-customized DMPTool]

07. Vol. I: A Quest to Uncharted Territory

Chapter 1: The Birth of the Data Services Group: A Fairytale Collaboration

Chapter 2: The DMPTool Affiliation: A Magic Wand for Data Management Plans

Chapter 3: The Enchanted Website: A Story of Digital Creation

Chapter 4: The Workshops of Wonders: A Tale of Knowledge Sharing

Chapter 5: The Formation of the Data Security Working Group: A Shield Against the Dark Arts Chapter 6: The Nudges Newsletter: A Charmed Chronicle

Chapter 7: The NIH Policy Guidance: A Quest for Compliance

Chapter 8: The DUA Process: A Covenant of Data Sharing Agreements

08. Vol. II: Tales from a New Frontier

Wherein our heroes continue their fearless exploits to vanquish the demands of a shifting research landscape.

- Expand marketing for newsletter and services Increase DMPTool use
- Build out workshop offerings
- Promote data submissions in local repository
- Explore Carpentries training
- Participate in Ithaca S+R project
- Long term: Encourage culture shift

Take a stroll through our enchanted website

