Data Management Solutions from Libraries

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Why is data management a hot topic?
Back in the day...

Da Vinci

Newton

Curie

Darwin

classicalschool.blogspot.com
Digital data
Data management
Documentation
Reproducibility
From Flickr by ~shorts and longs
Publications & Their Citation
Data are being recognized as first class products of research.
Data management plans
Data management plans

Data sharing mandates
Data management plans
Data sharing mandates
Data publications
Data management plans
Data sharing mandates
Data publications
Data citation
How can libraries help?
Data Life Cycle
Data Life Cycle

Plan

Collect

Describe

Preserve

Share

Analyze
Plan > Collect > Describe > Analyze > Preserve > Share
Plan > Collect > Describe > Analyze > Preserve > Share

Step-by-step wizard, open to community
Create, edit, re-use, share, & save
data management plans
Plan > Collect > Describe > Analyze > Preserve > Share

Open source tool to describe, manage, and share tabular data
Plan > Collect > Describe > Analyze > Preserve > Share

Repository to store, manage, preserve, share

UC3Merritt
Plan > Collect > Describe > Analyze > Preserve > Share

Repository to store, manage, preserve, share

Open deposit, open access repository for spreadsheet data
Plan > Collect > Describe > Analyze > Preserve > Share

Repository to store, manage, preserve, share

Open deposit, open access repository for spreadsheet data

Data Observation Network for Earth
Plan > Collect > Describe > Analyze > **Preserve** > Share

Web Archiving Service

Preserve and store websites
Plan > Collect > **Describe** > Analyze > Preserve > Share

Create and manage persistent identifiers ARKs, DOIs, etc.
An infrastructure to publish and get credit for sharing research data
My website | carlystrasser.net
Email me | carlystrasser@gmail.com
Tweet me | @carlystrasser
My slides | slideshare.net/carlystrasser
CDL Blog | datapub.cdlib.org