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Preserving Faculty Research: University of Nebraska-Lincoln Data Repository

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Preserving Faculty Research: University of Nebraska-Lincoln Data Repository

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<https://dataregistry.unl.edu/>, <http://libraries.unl.edu/data-management>

Who can deposit?

Anyone enrolled at, or employed by, the University of Nebraska-Lincoln may set up a deposit account. Multi-institutional groups may set up a deposit account as long as at least one member of the group is from the University of Nebraska-Lincoln.

Hardware Specifications

Dell DX Object Store Appliance - Maintained by Information Services

Programming

HTTP Interface & API

Programming language used to create interface: Java. If you would like a copy of the code we have written, please contact Dee Ann Allison, Director of Computer Operations and Research Services, University Libraries dallison1@unl.edu

Dublin Core metadata scheme

Cost to Deposit

100GB = \$ 500 (minimum amount)

200GB = \$1,250

500GB = \$2,500

1000GB = \$5000

These costs are one-time charges to cover maintenance and hardware upgrades to maintain storage indefinitely. Payment is required at time of deposit by cost center and is made to Information Services. The Libraries does not currently receive any direct compensation for its programming of the interface and management of the repository's files. Librarians have been written into submitted grants when researchers felt the need for metadata and organizational support as part of their data management plan.

Deposit Options

Public access with long-term retention (files are always accessible and will be maintained long-term)

Public access with short-term retention (files are deleted after a specific date)

No public access with no retention (files are deleted after 5 years)

In addition to the options above, researchers may choose to place an embargo on public access to their deposits. This allows them to deposit their data when it is convenient to them, but embargo the results until their research has been published.

Metadata Requested

Title	Data Types
Alternative Title	Data Format
Creator(s)	Data Source
Additional Creator(s)	Language
Organization	Keywords
Sponsor	Identifier
Description	Version

What's Next?

- Add an option to register data deposited in other repositories such as ICPSR. This will help the campus to better record scholarly research generated at UNL and make cross-linking with our digital repository easier. It will also ensure indexing of data sets by search engines to make faculty research more accessible.
- Increase the speed at which data can be deposited.
- Design an interface to allow quick retrieval of data.
- Add a dark archive component so that researchers working with protected information (ex. HIPAA), and at-risk communities can safely store their data until it can be released years or decades in the future.
- Continue to explore technology, both hardware and software, to improve the quality and number of services and the user experience.

Related Information and Screenshots

For screenshots of the interface and examples of our outreach and policy materials please see:

http://digitalcommons.unl.edu/library_talks/83/