



Supporting Research Data Services with Hydra at the University of Michigan

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Background

The University of Michigan Library offers Research Data Services (RDS) accross the research lifecycle. We have selected Hydra as our data repository infrastructure.

We see multiple advantages of building our data repository using Hydra including:

- ◆ Hydra is flexible enough to accommodate a wide range of storage solutions.
- ◆ Hydra uses Fedora as a default repository engine but abstracts many onerous implementation details.
- ◆ Hydra utilizes technologies aligned with our best practices for new development.
- ◆ The Hydra community provides opportunities for inter-institution collaborations.

Challenges & Next Steps

We have a great deal of experience in developing technologies for library services, but we are new to Hydra and Fedora. We hope to learn more about:

- ◆ Indexing materials within collections to enable their discovery.
- ◆ Ingest of materials through multiple methods.
- ◆ The applicability of Hydra to the range of preservation, discovery and access services we currently manage on other platforms.
- ◆ How we can become more involved in the Hydra community and contribute what we learn.

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Abbreviations:

FE: Faculty Exploratory; DMC: Digital Media Commons; DMP: Data Management Plan; KNC: Knowledge Navigation Center; MITS: Michigan Information Transfer Source NSF: National Science Foundation

