

### Goals:

To develop, pilot, and document migration tools and paths to upgrade the repository software Fedora 3 to Fedora 6.

- LG-246264-OLS-20
- \$249,859 IMLS Funded grant over 18 months



✓ All roads to 6.0 are open

# **Timeline:**

- Phase I Pilot Migrations (Sept 2020 Aug 2021)
- Define project plans for each pilot institution
- Document the migration and upgrade process
- Detail metadata mapping and decision making
- Test migrations

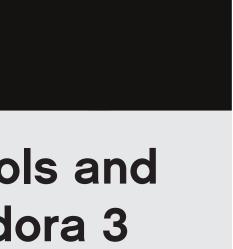
#### Lessons Learned:

- Edit/remediate metadata & collection structure before migration if at all possible
- Build quality control into all stages of the migration
- A checklist for metadata and object preparation can significantly reduce errors and streamline the process
- Using a checklist of object-level, collection-level, and search/facet expectations to be met during the migration helps to identify any issues early in the process Comparative data from record views and searches in a previous system
- can help identify issues
- When possible, establish automated, system-wide checks for issues like failed derivative generation, rather than spot-checking • Clear communication and documentation always help the project advance

## Tools:

Migration-utils:	A framework to support r Fedora 3 to 6 repositorie https://github.com/fcrepo
Migration Validator:	A command-line tool for Fedora 3 datasets to Fed

# **IMLS Grant Update** Fedora Migration Paths and Tools: A Pilot Project



#### **Partners**:



https://duraspace.org/fedora/



#### Phase II - Validating & Improving the Toolkit (Sept 2020 - Dec 2021)

- Consolidate toolkit materials
- Test and iterate tooling
- Develop training materials

#### Whitman College



migration of data from es. o-exts/migration-utils

validating migrations of dora 6. https://github.com/fcrepo-exts/fcrepo-migration-validator

- Evaluate and understand the content you intend to migrate
- Prioritizing content to migrate would have supported an iterative approach • Data clean up and assessment would have allowed for early detection of potential issues
- Establish infrastructure requirements in advance
- Test infrastructure design and performance with subset of data
- Allocate ramp up time for technical staff (older repo)
- Divide and Conquer
- Migrate a subset of content allowing for iterative test & correction Specific task assignment, follow-up and coordination with staff reduces time lags

# Helpful Links:

https://wiki.lyrasis.org/display/FF/Fedora+Migration+Paths+and+Tools https://wiki.lyrasis.org/display/FEDORAM6M0P0/Migrate+to+Fedora+6

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