

# Infrastructure Project

This is a private wiki space, but much of it has been opened for public read-only access. Our goal is to allow other digital library developers to see what we're doing, with the understanding that information on this wiki is primarily intended for our internal use. Information you find here may be outdated, in-progress, and possibly incorrect.

The Infrastructure Project will simplify and centralize the basic activities of the Indiana University Digital Library Program, with primary emphasis on the activities of collection creation and collection maintenance. The general [need for an infrastructure](#) is clear; this wiki details how we are building one. Specific goals include:

1. Build a [centralized repository system](#) based on Fedora
  - a. Support multiple types of [search](#), including federated search
  - b. Create a [repository preservation system](#) utilizing HPSS for master file storage and replication
2. Build tools for creating collections in the repository
  - a. General-purpose [Image Cataloging Application](#), which is the GUI front end for a general-purpose [Ingest Tool](#)
  - b. General-purpose [validation system](#)
  - c. General-purpose [delivery system](#)
  - d. Make all of these tools usable by departments other than the DLP
3. Move existing/upcoming collections into the new repository
  - a. Migrate content out of IBM Content Manager
    - i. Move [Hohenberger](#)
    - ii. Move [U.S. Steel](#)
    - iii. Move [Hoagy](#)
  - b. Maintain parallelism with Evia, even if the repositories stay separate
  - c. Support development of [IN Harmony](#)
  - d. Support development of the new [IU Archives Photo Collection](#)
  - e. Migrate content out of DLXS
    - i. Implement [search/browse in the repository](#)
    - ii. Move searching functionality for all collections that are in the repository
  - f. Convert [DIDO](#) to [DIDO2](#)
  - g. Move all other collections into the repository
4. Improve end-user interaction with our collections

The [Infrastructure Project Schedule](#) summarizes our current plans to achieve these goals.