

Diving into Data: Implementing a Data Repository at the Texas Digital Library

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Abstract

This poster documents the progress of two Texas Digital Library (TDL) working groups focused on the storage and accessibility of research data. The first group, the TDL Data Management Working Group, selected a platform to act as the statewide repository. To do this, the group created a set of use cases to formulate evaluation criteria for testing potential systems. After testing Dataverse, the team made a recommendation to move forward with its implementation. A second group, the TDL Dataverse Implementation Working Group, is currently charged with launching an instance of the Dataverse open source platform as the statewide data repository for Texas.

As more institutions consider developing a repository for research data, our poster presentation offers a case study on the assessment of data repositories, including potential methods and criteria for evaluating systems, as well as the challenges and benefits to building a collaborative, consortial data repository.

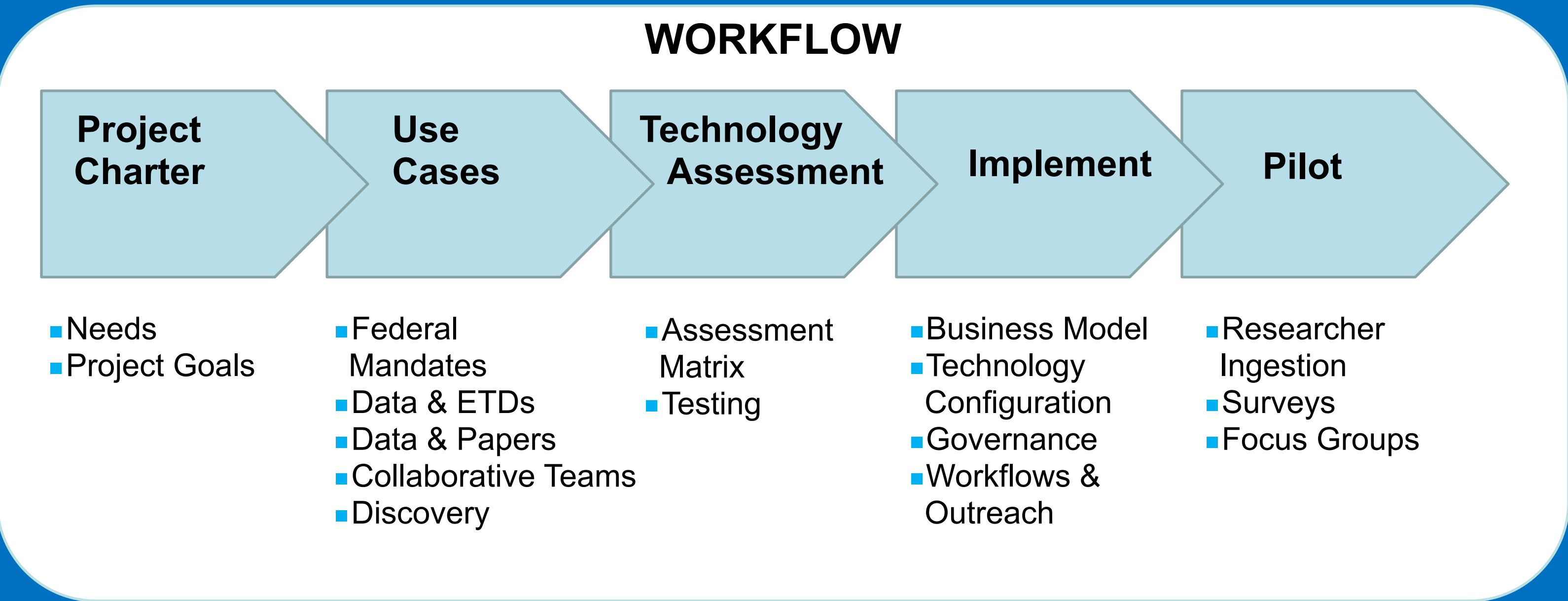
The Problem

The need for Data Management services is one of two large-scale needs consistently expressed by members of the TDL, a consortium of academic libraries throughout the state. In particular, members are seeking a repository that offers researchers a platform for publishing, citing, reusing, and preserving research data. In response to this need, TDL has formed a series of working groups aimed at building a statewide data repository and developing services to fulfill researcher needs in the state.

DESIGN CHARACTERISTICS

Function Type	Selected Evaluation Factors
Ingest	System Notifications, Licensing, DOI, File Size
Processing	GIS data, Static Databases, Version Control
Curating	Access Levels for Teams
Access	Data and Metadata Reuse, OAI Harvest

WORKFLOW



TDL Data Management



Texas Research Data Repository



TIMELINE



USE CASES

- 1.Researcher needs to make their research data publicly available
- 2.Researcher needs a virtual environment to share active data, which may or may not be publicly accessible, within a prescribed network
- 3.Researcher seeks data to (re)use



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The
Dataverse
Project