Repository Services Platform

This project extends work done on the Curation Architecture Prototype Services (CAPS) Project to implement a reliable, scalable, and efficient platform on which to develop curatorial, archival, and publishing applications.

The focus will be on developing a web application for basic ingest, curation, search, and display of digital assets on top of a publishing and curation platform.

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**Metadata Models**

The data model for content in the repository is based on Dublin Core expressed in RDF, and is extensible to cover a wide variety of Use Cases (whether planned or unanticipated).

Controlled vocabularies will provide for searching and browsing, and for organization of content according to categories such as subject, university department, location, and so forth.

Support for linked open data will allow us to connect users with similar content in other repositories on the Web.

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**High-Level Repository Services Architecture**

Based on technologies developed by Project Hydra partners

http://projecthydra.org/

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**SAMPLE User Dashboard**

**SAMPLE File View**

**SAMPLE Public Home**

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**Project Planning & Kickoff**

- Architecture Design Established
- Baseline Software Features Identified

**Infrastructure Building Begun**

- Initial Policy Discussed
- Draft Metadata Specified

**Mockup Screens Reviewed**

- Application Demonstrations
- Pilot User Testing & Feedback

**Application Development Continues**

- Software Features Complete
- Usability and Accessibility Testing Performed

**Software Features Complete**

- Communications & Marketing
- Production Service

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