Dataverse at the University of Alberta

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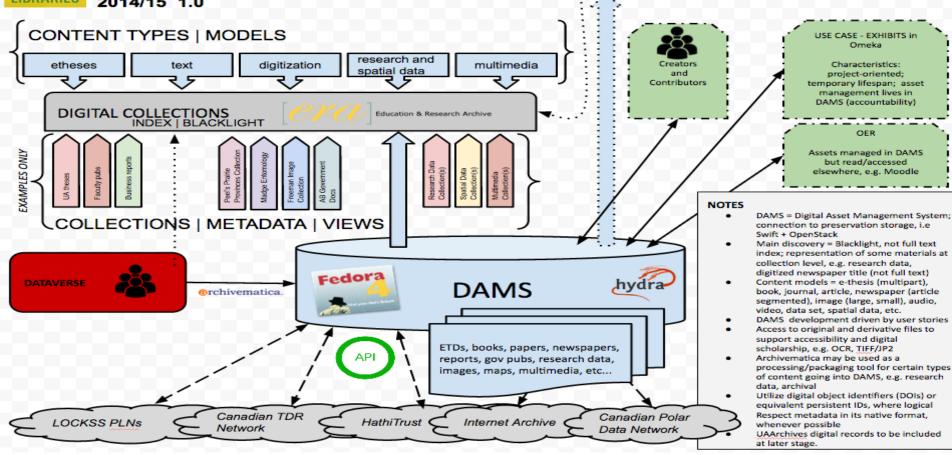
The University of Alberta Context

- Research data management services is part of Digital Initiatives, which also includes the institutional repository, digitization production & collections, digital preservation, and scholarly communications.
- Digital Initiatives has ten librarians, one post-doc, three programmers, three student assistants.
- Support from two metadata librarians, one discovery librarian, and two system administrators.



MAIN DISCOVERY INDEX (LIBRARY_ALL)





Dataverse & Researcher Needs

- Back-up storage for research data.
- An easy way to share data with a research team that does not involve the use of email or Dropbox.
- A way of tracking which dataset was used to produce a table in a publication or of tracking other version issues.
- A way to satisfy a publisher's requirements, e.g. a DOI for a dataset associated with an article or providing access to a dataset for reviewers.

Dataverse & Curator Needs

- A simplified approach to capture project-level metadata that can be used repeatedly with other applications.
- A one-step method of minting PIDs for data files.
- A service that helps organize data for preservation processing.

Use Cases

- Humanities uptake
 - Linguistic collections
 - Audio recordings of aboriginal elders
 - Audio recordings of aboriginal accents
 - Translation of Spanish texts in the public domain
 - Image collection of texts and current translations
 - Gamegate
 - Social media web-scrapings on gamegate discussions

Use Cases

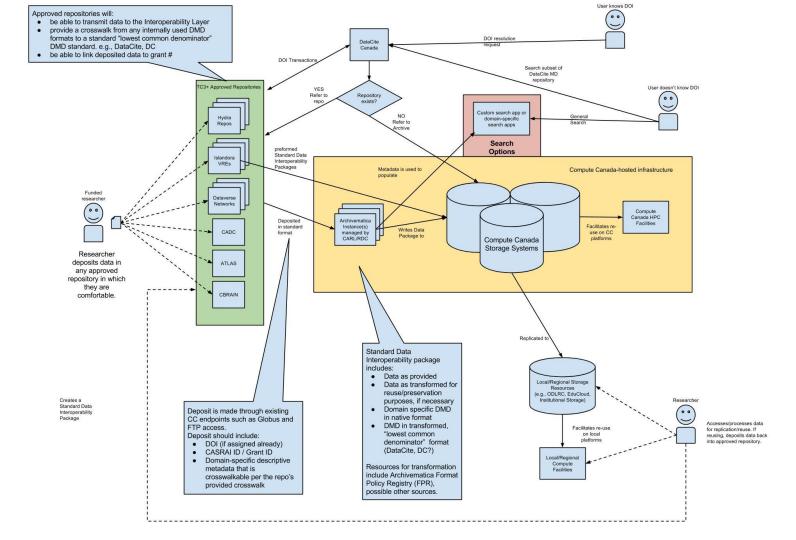
- Physical Education & Recreation
 - PLOS publication requiring the researcher to share her data for anonymous review
- Canadian Century Research Infrastructure
 - Dissemination of spatial data for the 1911, 1921, 1931, 1941, and 1951 Censuses
- Biology (in need of a quick DOI)
 - Grizzly bear habitat

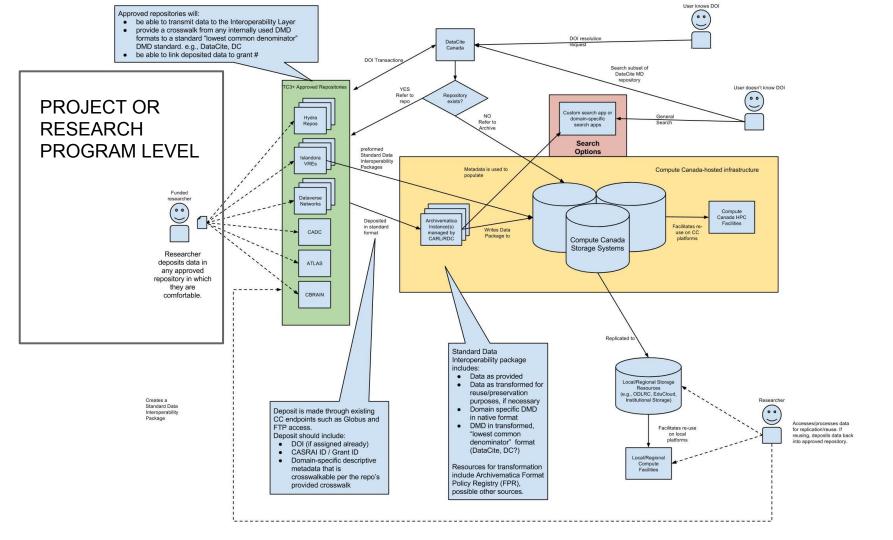
Next Steps

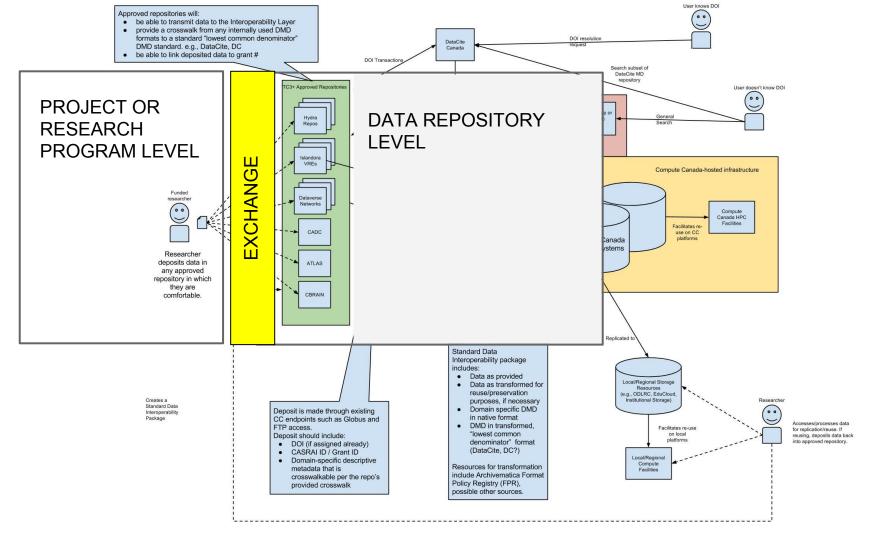
- Install the new version (4.0) of Dataverse.
- Tailor Dataverse workshops for graduate students.
 - Promote the sharing of thesis data through Dataverse.
 - Provide experience using dataset DOIs with dissertations.
 - Promote the rewards of data sharing.

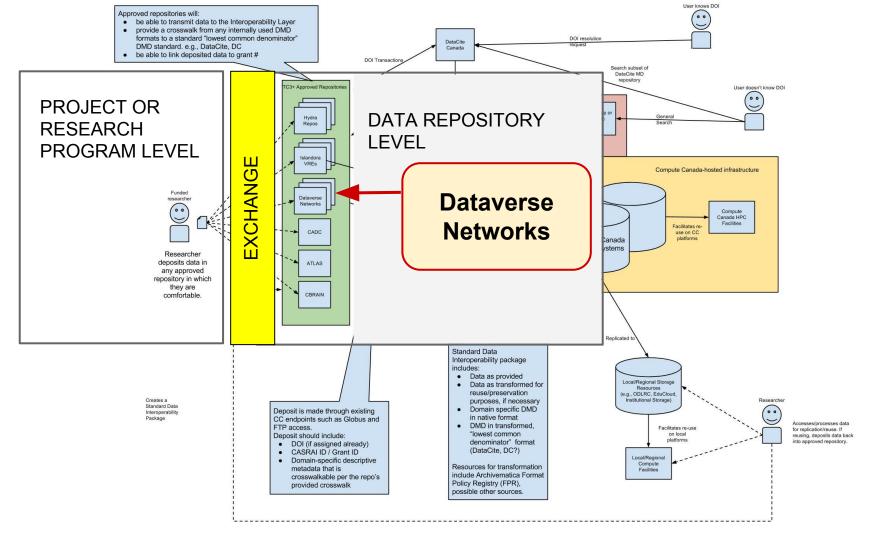
The Canadian Context

- Research Data Canada (RDC) and the Canadian Association of Research Libraries (CARL) federated pilot program
 - Emerged from the January 28-29, 2014 Digital Infrastructure Summit in Ottawa
 - Prove that existing infrastructure can be coordinated to support (i) research council data management plan policies and (ii) a national research data preservation service



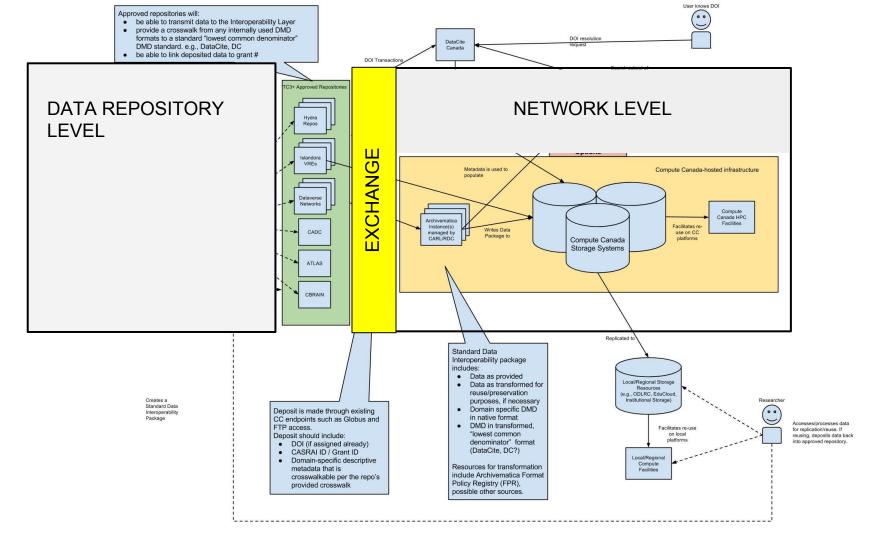






Scholars Portal Project

 Scholars Portal of the Ontario Council of University Libraries is working with IQSS and Artefactual to move studies from Dataverse to Archivematica for the production of Archival Information Packages (AIPs)



Next Steps

- Complete the RDC-CARL Federated Pilot with the Dataverse-Archivematica software stack.
- Find ways for Canadian Dataverse Networks to collaborate.