Dataverse @Scholars Portal

Amber Leahey | Data Services Metadata Librarian

Leanne Trimble | Data & Geospatial Librarian

About OCUL & Scholars Portal
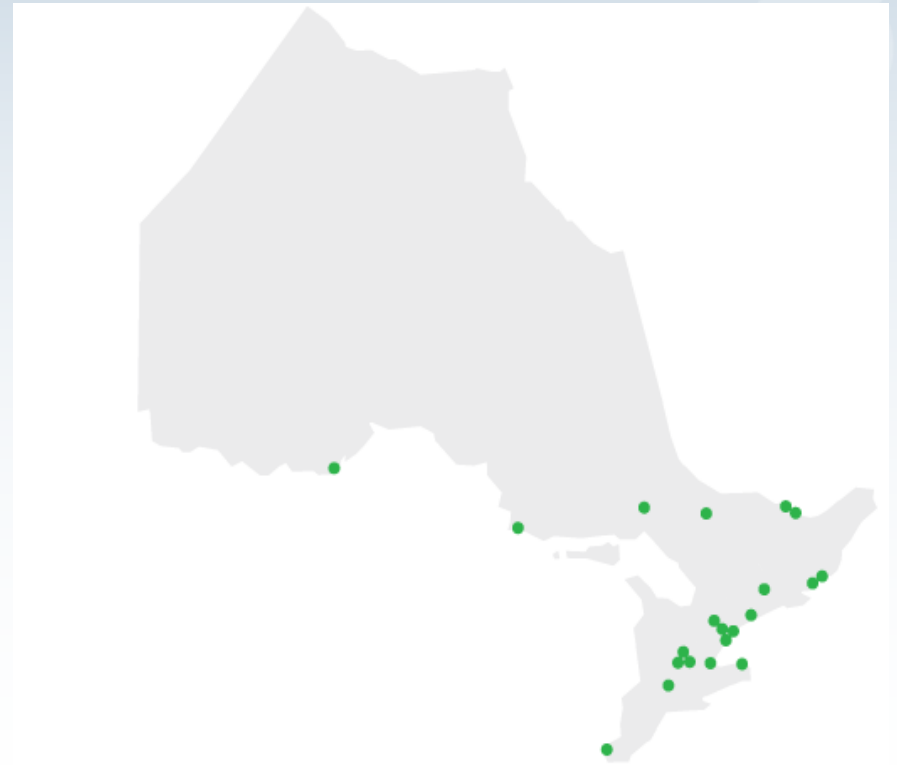
Who?

- 21 university libraries

What?

- Collective purchasing
- Shared digital infrastructure
- Collaborative planning and assessment

How?

Scholars Portal

— OCUL's shared technology infrastructure, housing shared collections

More information: http://www.ocul.on.ca/

OCUL/SP & Research Data Management
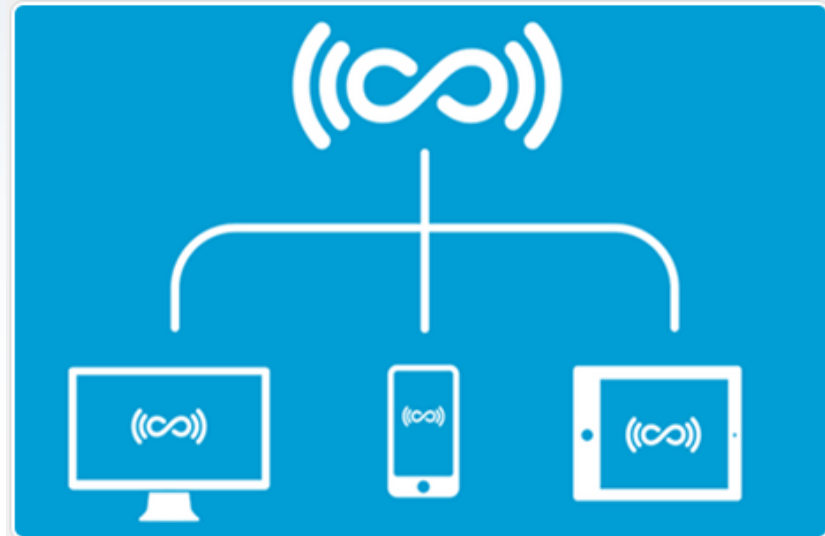
Dataverse (OCUL hosted instance)

- – Hosted for OCUL since 2011
- – 330 studies (about 4,000 files)
- – Actively used by researchers from 7-8 institutions
- – Many in social science disciplines but some in sciences (agriculture, polar research, geophysics, nursing…)

Scholars Portal **Dataverse**
A Service of the Ontario Council of University Libraries

SP Dataverse Network

OCUL/SP & Research Data Management

- Services are evolving at each institution
- Still trying to get a handle on:
  - RDM support services required by researchers
  - RDM infrastructure requirements
  - RDM costs
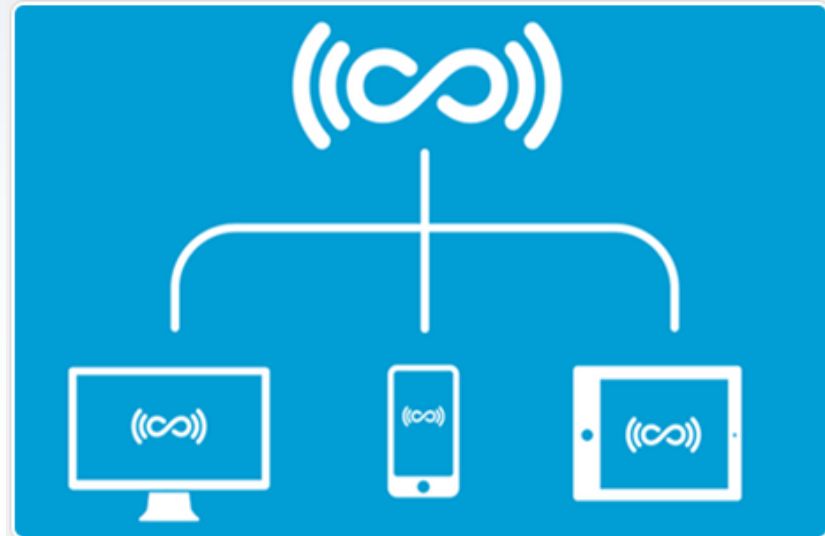 - Role of regional consortia in RDM services

Shared Access Research Ecosystem (SHARE) - Dataverse integration

- ARL, Center for Open Science & OSF, and others
- SP Dataverse is a contributor since January 2015
- Over 38 providers including Figshare, Zenodo, and ArXiv https://osf.io/share/registration/

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OCUL/SP & Digital Preservation

- Trustworthy Digital Repository (TDR) certified for electronic journal content (since 2013)
- Currently working on Ontario Library Research Cloud (OLRC) project (2015 completion)
- Data Preservation: strong interest

Canadian initiatives: 'Portage'

What?

CARL led project aimed at developing a centre for expertise and building digital preservation infrastructure.

Outputs?

-National DMP template and tool

-Islandora / Archivematica integration

-Dataverse / Archivematica integration

Dataverse/Archivematica Integration

Data Repository (OCUL)

Preservation Infrastructure (Portage)

Dataverse

- Dissemination of research data
- Support for DDI metadata standard
- Harvesting available via APIs
- No SWORD support

?

Archivematica

- Accept data and metadata (via SWORD)
- Perform preservation functions
- Create Archival Information Packages (AIPs)
- Send to archival storage

Archival storage

Project Participants

- Artefactual – Evelyn McLellan, Justin Simpson
- Dataverse – Phil Durbin, Eleni Castro (& others)
- Scholars Portal – Leanne Trimble, Alan Darnell
- UBC – Allan Bell
- University of Alberta – Geoff Harder, Chuck Humphrey, Larry Laliberte, Peter Binkley
- SFU – Alex Garnett

Functional Requirements

- Develop "middleware" which can transfer studies from Dataverse to Archivematica
  - Harvest and manage released studies from Dataverse
  - Ingest into Archivematica
- Investigate Archivematica pipeline decisions for data formats coming from Dataverse
  - File format normalization?
  - How should versions of the same dataset be connected?
  - How do we want to include DDI (and other) ?

Possible features for future stages

- Dataverse as a SWORD client
- Mechanism within Dataverse for researchers to specify which datasets they want to target for preservation
- Returning information from Archivematica back to Dataverse (indication of preservation status within Dataverse)

Next Steps

- University of Toronto procurement process underway to contract the development work to Artefactual

- Develop the module (2015)

- Recruit researchers to contribute data to ingest (concurrent with development work)

SP / Dataverse Internationalization Project

- Partnering with Dataverse & Université de Montréal to develop code for a bilingual (French/ English) interface

- Timeline is summer - fall 2015
- Future releases will have this built-in

Other and Promotional - Fall 2015

- New SP Dataverse LibGuide release TBD

A beta for the refreshed Dataverse guide.

About Dataverse

Scholars Portal Dataverse

What is Dataverse?

Why use Dataverse?

News

Deposit Data

Finding and Using Data

Help & Resources

Go to Dataverse

Scholars Portal Dataverse

The Scholars Portal Dataverse is an OCUL service that is available to all members of Ontario universities. Res Ontario universities can manage and publish their data on the SP Dataverse Network. You can directly deposi descriptions (metadata) for your data set(s), and release and share your data openly, or private, under your o

Dataverse functions as a repository for sharing, citing, analyzing, and preserving research data, and is open t worldwide. It uses best archival practices to keep your research data secure - for now and the future.

The Scholars Portal Dataverse Network hosts multiple dataverses, each one being a virtual web archive for st research data. The data are organized in studies, which contain cataloging information (metadata), data files a The studies can in turn be grouped into collections.

DATAVERSE NETWORK

- SP Dataverse FAQs
- SP Dataverse webinar TBD
- SP Dataverse User Virtual Consultation / Meeting

Questions?

Get in touch with us!

dataverse@scholarsportal.info