

Open Science Conference 2019, Berlin Lee Wilson, Service Manager, CARL Portage

What is Portage?

Portage is a national research data management (RDM) initiative to assist researchers and other stakeholders through a library-based network of expertise, and develop national platforms and services for planning, preserving, and discovering research data. Portage is managed by the Canadian Association of Research Libraries.

What is Research Data Management (RDM)?

Practices applied throughout the lifecycle of a research project to guide the collection, documentation, storage, sharing, and preservation of research data. These processes are integral to conducting responsible research and help researchers save resources and adhere to institutional and funding agency guidelines.

The Research Data Lifecycle



Network of Experts

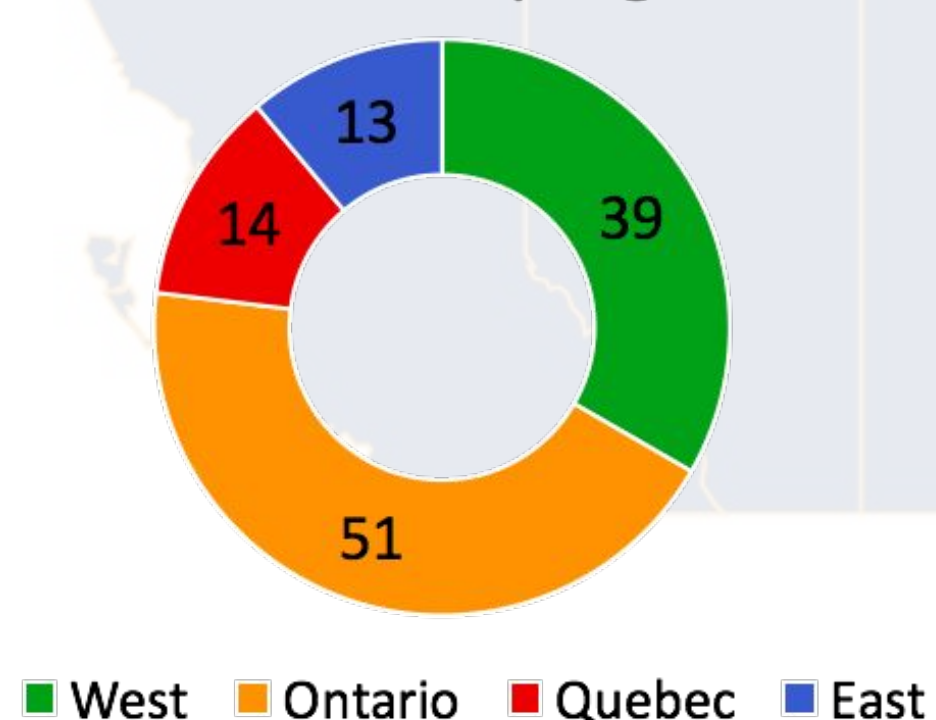
The Portage Network of Experts develops resources, expert advice, and practical help to assist with the management of research data at any stage throughout the data lifecycle. This expertise is provided in both English and French to anyone working in a Canadian university or research institution wanting to plan, manage, store, protect, share, and preserve digital research data.

Areas of Expertise

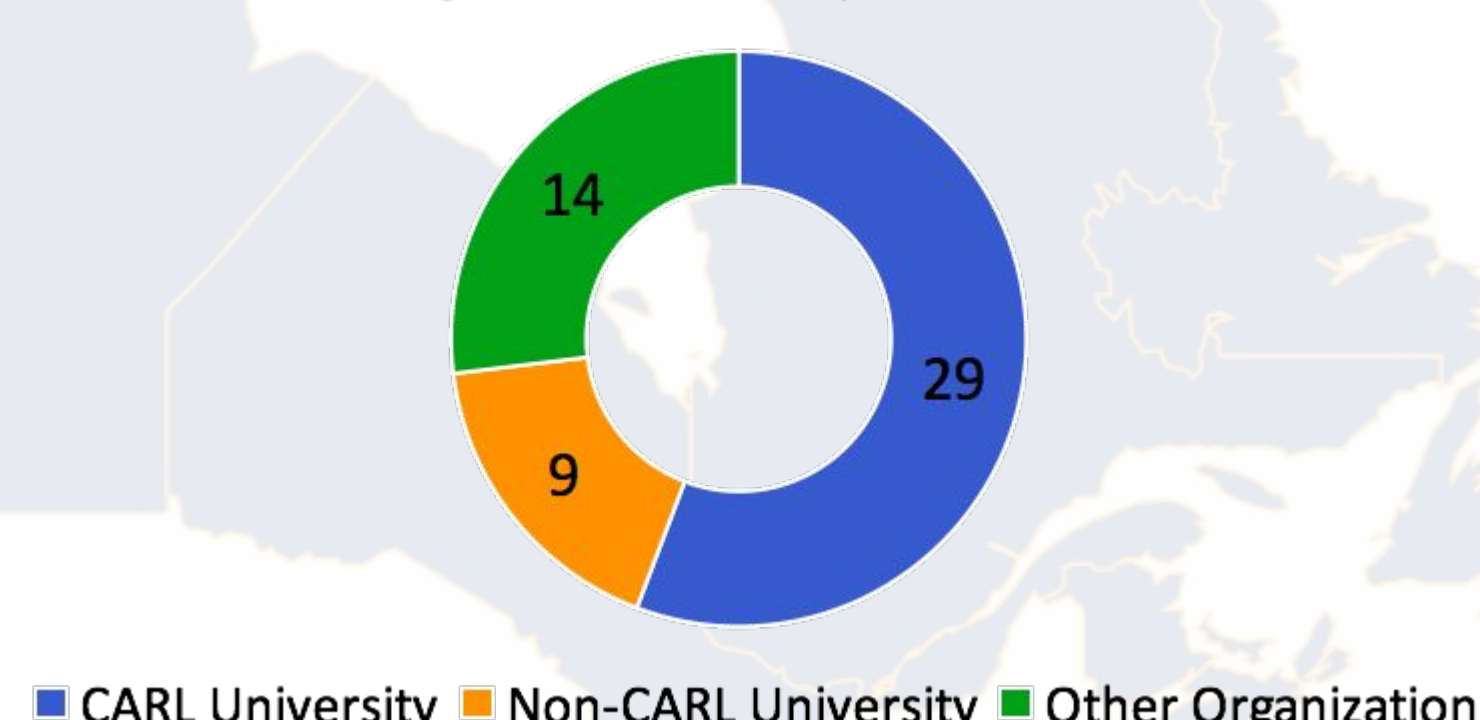
- Data Management Planning
- Data Discovery
- Curation
- Preservation
- Training
- Research Intelligence
- Institutional Planning
- RDM Ethics

Pan-Canadian Representation

Volunteers by region



Organizations represented



National Discovery & Repository Platforms

Federated Research Data Repository (FRDR)

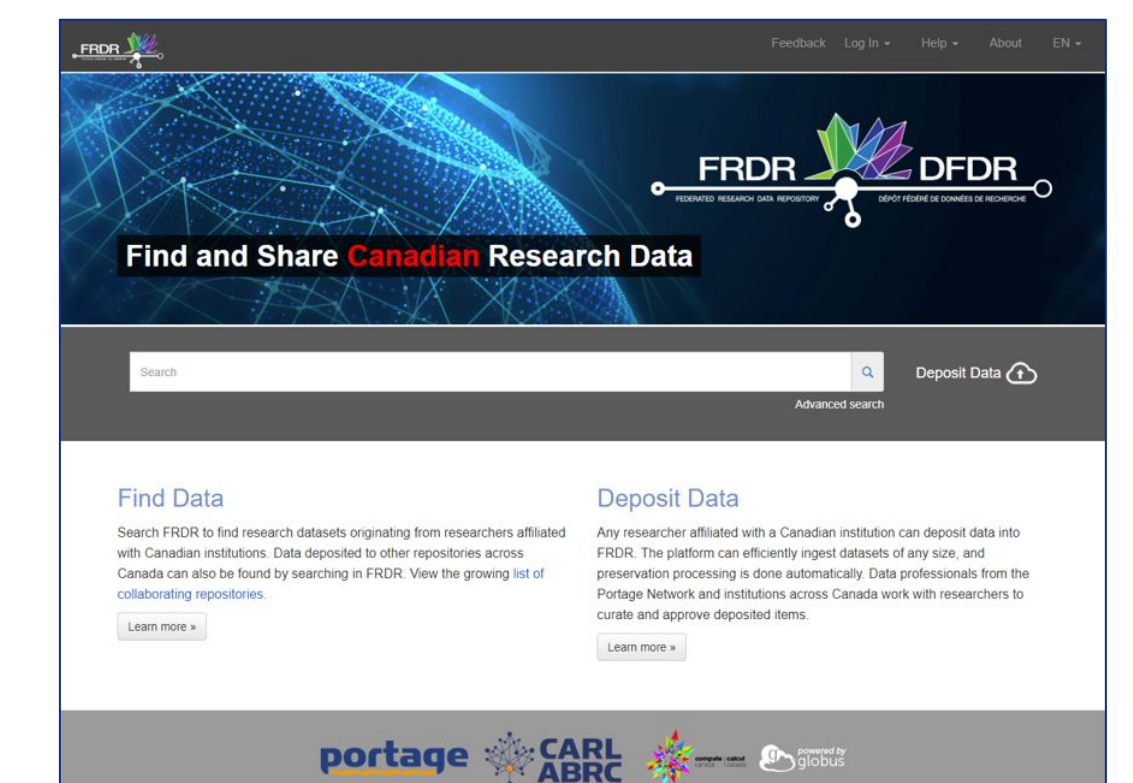
A scalable, federated platform for digital RDM and the discovery of Canadian research data.

National Data Discovery

- Indexes Canadian data repositories making data discoverable from a single platform

Storage and Preservation Processing

- Robust, cost-effective repository storage at scale
- A place for Canadian researchers to deposit large data sets
- Curation and preservation processes to ensure long-term data usability



www.frdr.ca

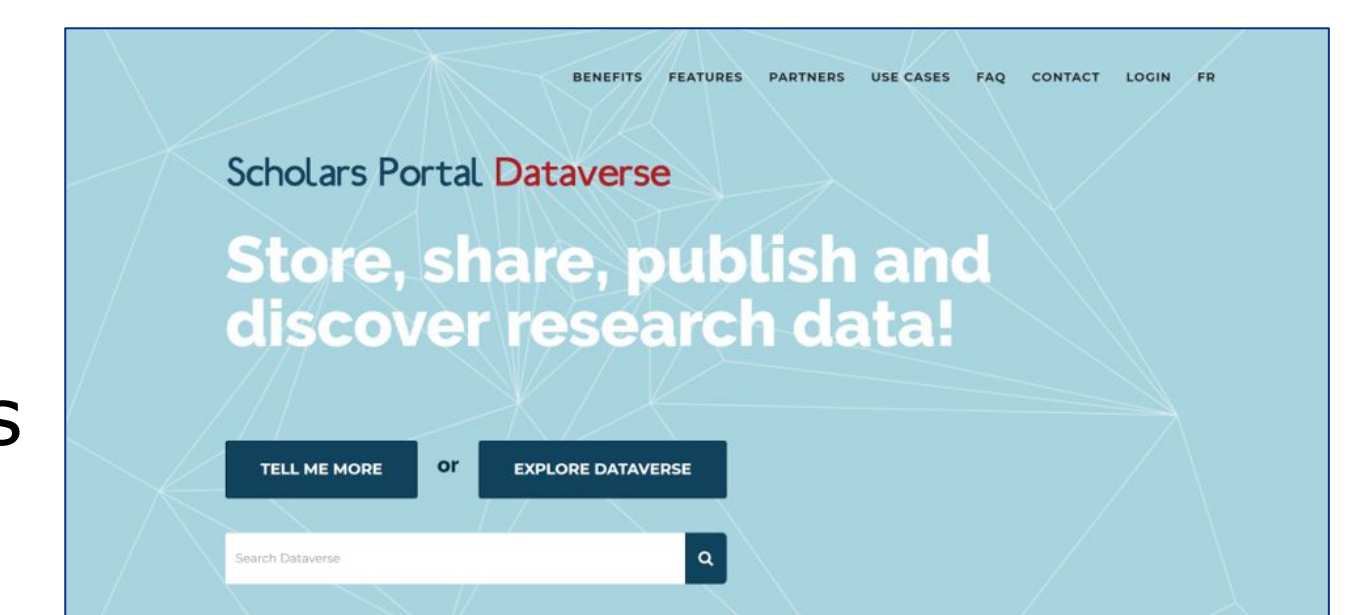
Developed as a partnership between **CARL Portage & Compute Canada**

Dataverse North

A national, hosted instance of Dataverse offered through the **Ontario Council of University Libraries' Scholars Portal**.

Research Data Repository Platform

- A free, open source web application developed at Harvard University
- An easy-to-use data deposit platform
- Capacity for small-to-medium size data sets



www.dataverse.scholarsportal.info

Localized Library Service

- Can fit with institutional branding
- Control over access and usage policies
- Local curation workflow and process control

Portage Dataverse North Working Group

A community of practice for libraries using or interested in using the Dataverse repository platform for research data in Canada.

National Discovery Layer

FRDR Discovery Service

FRDR's harvester gathers and indexes metadata from repositories across Canada to make research data held in many repositories discoverable from a single platform.

- Currently supports several internationally recognized standards
- Metadata can be crosswalked or advanced search facets provided
- Support for geospatial search forthcoming
- Project underway to map subject keywords to controlled vocabulary

