



scholaris

A Canadian Shared Institutional Repository Service
Un service partagé national de dépôt institutionnel

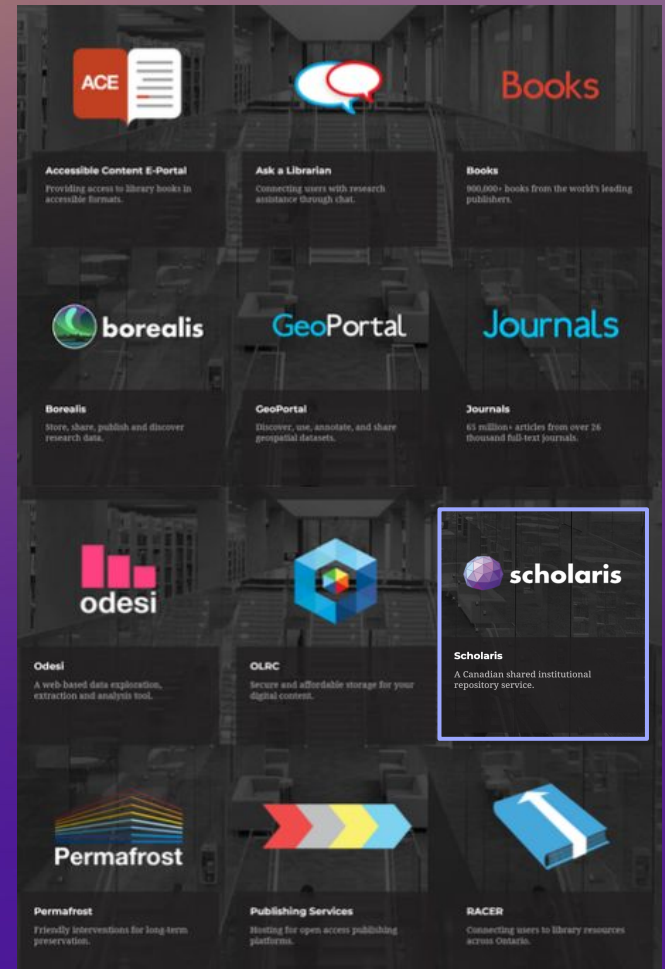
**DSpace North American User Group Meeting
September 24, 2024**

**Julia Gilmore (Digital Projects Librarian), Scholars Portal
Rachel Wang (Systems Administrator, DevOps), Scholars Portal**

Scholars Portal

About us

- Technical service provider of the Ontario Council of University Libraries (OCUL)
- Department at the University of Toronto Libraries
 - Content and client services
 - Scholars Portal Books, Journals
 - Data and geospatial services
 - Borealis (Dataverse)
 - Publishing, preservation and web services
 - Permafrost (Archivematica)
 - Ontario Library Research Cloud (OpenStack Swift, DuraCloud)
 - OJS (PKP)



Scholaris: Developing a National Shared Repository Service

Background

- Investigations on feasibility of shared repository infrastructure within the Canadian context
 - Was there interest? Yes!
- Recommendations:



Service provider:
Scholars Portal
(University of
Toronto)



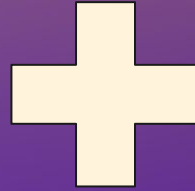
Platform:
DSpace



Governance and
Expert Groups:
CARL, SRIAC

Pilot Project
↓
Early Adopter
Program

Technical Infrastructure



Community Infrastructure



- *Scalable, Efficient, Affordable & Flexible*
- Informed by community needs, expert group recommendations and shared resources



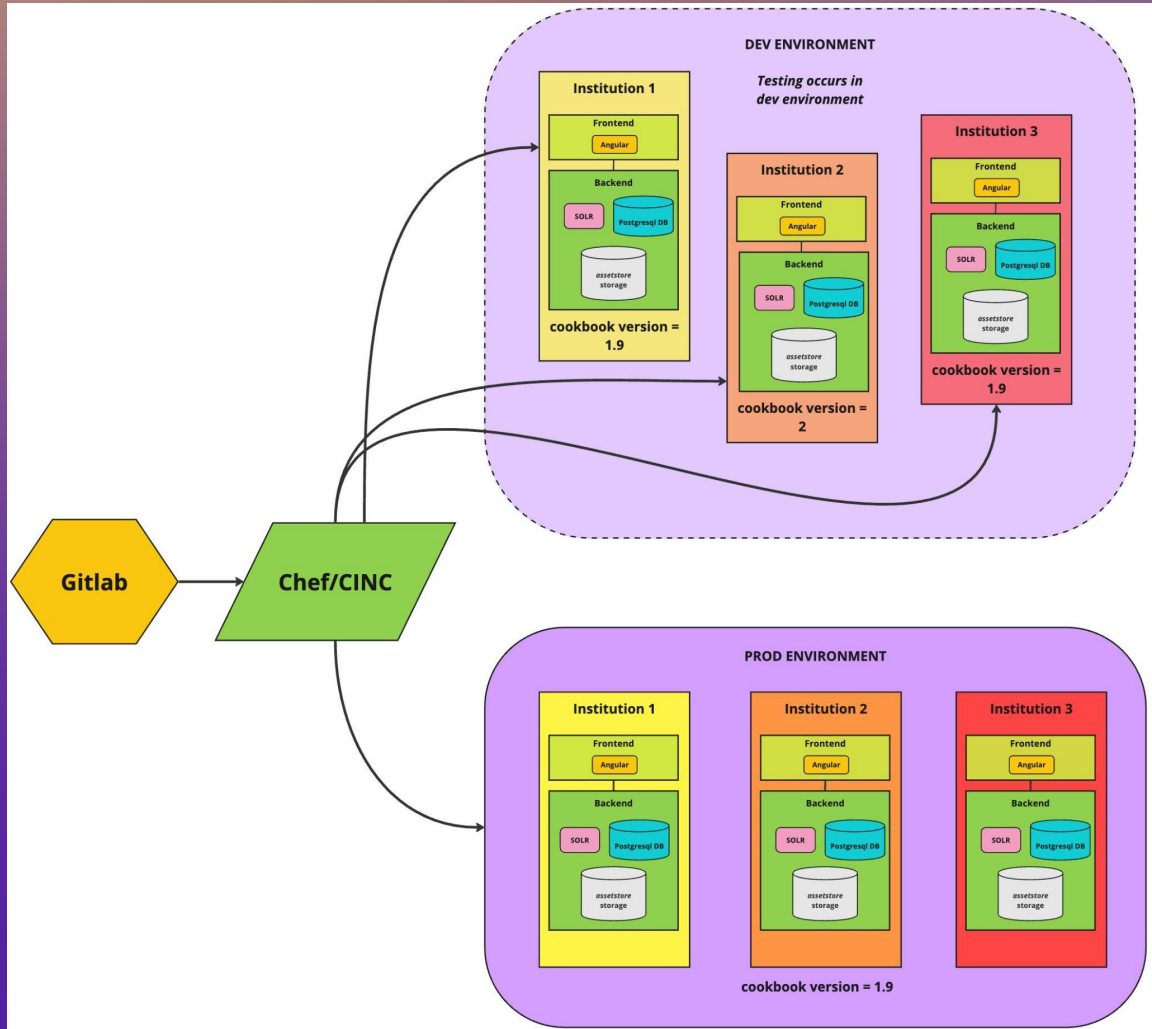
Technical Infrastructure

- **Scholaris is a repository service not a single repository platform**
 - **Parallel DSpace instances**
 - Most recent upgrade to **7.6.2**
- **Institutions have their own branded themes for instances (dev and prod)**
- **URL:** [institutionidentifier].scholaris.ca
 - "Powered by Scholaris" logo
- **Centrally hosted and managed by Scholars Portal through SaaS model**
 - **Gitlab & Chef** (configuration management software) helps us scale by automating deployment workflows.
 - Taking out manual processes and leveraging our team's **Infrastructure as Code** expertise.



Diagram break!

Scholaris Architecture





Technical Infrastructure

Currently:

- Early Adopters have **repository admin access to dev and prod** instances strictly through the UI and not backend.
 - Institutions send us requests for configuration and theme changes.

In the future:

- Institutional access to git repository for applying changes on-demand.
 - They can create pull requests to have changes merged and deployed to their instances.
- National discovery layer
 - Searching across repositories (including non-Scholaris repositories)
 - Example: <https://www.lunaris.ca/>, <https://escholarship.org/>



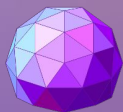
Community Infrastructure

1. Early Adopter Program (2024-2026)

Desired use cases:

- a. New repositories
 - b. Existing DSpace repositories
 - c. Non-DSpace repositories
- Repositories operating in French / bilingual component
 - Repositories of varying size and complexity





Community Infrastructure

2. CARL Expert Groups

- S-MDEG: Metadata & Discovery Expert Group (est. March 2024)
- S-ETEG: Electronic Theses & Dissertations Expert Group (est. March 2024)
- S-DPEG: Digital Preservation Expert Group (est. August 2024)



Service FAQs ⚡ Lightning Round ⚡

- Back-end access?
- Core code changes?
- Custom submission forms?
- DOIs?
- External authentication?
- Upgrade to DSpace 8?
- Configurable Entities?
- ORCID integration, OpenAIRE integration?

<input checked="" type="checkbox"/>	Now
<input checked="" type="checkbox"/>	Soon!
<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	TBD



What we've learned so far

- Migration roadmap(s), which stops need to come first
- Identifying the show stoppers and the stakeholders involved
- Importance of understanding historical customizations (e.g., rationale for previous decisions)

- Tapping into the repository community - we don't have to reinvent the wheel but we can help polish the spokes
 - E.g., Contributing to/adapting documentation (DCAT)
 - E.g., Contributing to code, dev meetings

Questions?



You can also send your questions to:

✉ the Scholaris team: info@scholaris.ca