



Canadian Research
Knowledge Network

Réseau canadien
de documentation
pour la recherche

Collaborative, Coordinated, and Connected: Canadian Approaches to Open Infrastructure, National PID Strategy, and Indigenous Data Sovereignty

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crkn-rcdr.ca

Introduction

Canadian Research Knowledge Network (CRKN) and
Canada's Research Ecosystem



About CRKN

Vision

The world's knowledge is accessible by all.

Mission

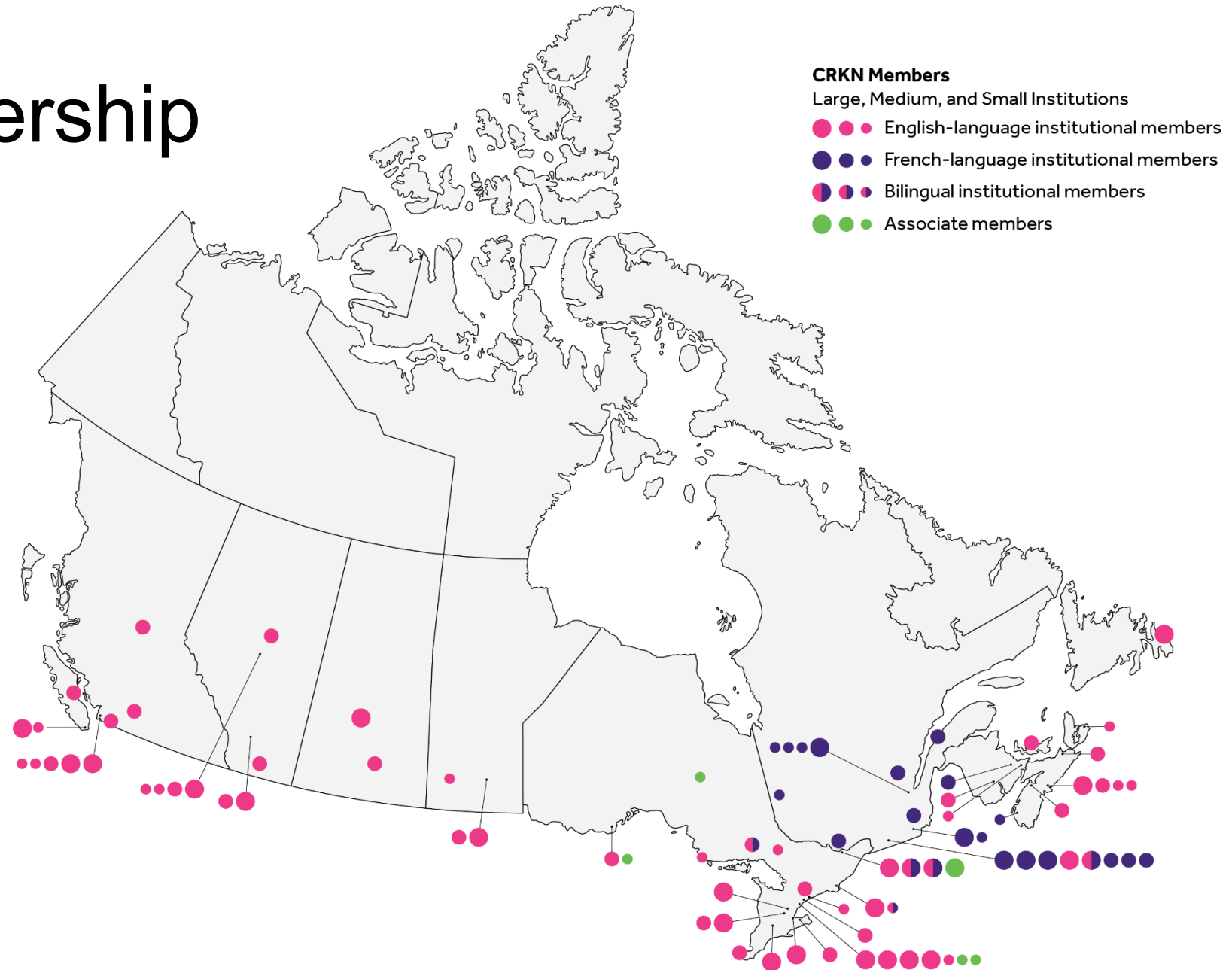
CRKN advances interconnected, sustainable access to the world's research and to Canada's documentary heritage content.

Strategic Objectives 2019-2024



- 1: Transform Scholarly Communication
- 2: Develop and Foster Partnerships
- 3: Collaborative Advocacy

Membership



Evolution of CRKN

CIHM

Canadian Institute for Historical Microreproductions is formed

1978

Introducing CRKN

CNSLP incorporates as not-for-profit and is renamed as CRKN. Board of Directors is formed

1999

2004

Persistent Identifiers

CRKN begins supporting the ORCID Canada Consortium, the first of several PIDs initiatives

2014

2016

Access at no charge

CRKN removes the paywall for access to Canadiana collections

2018

2019

CNSLP

Launched Coordinated response to CFI funding opportunity with support of 64 universities

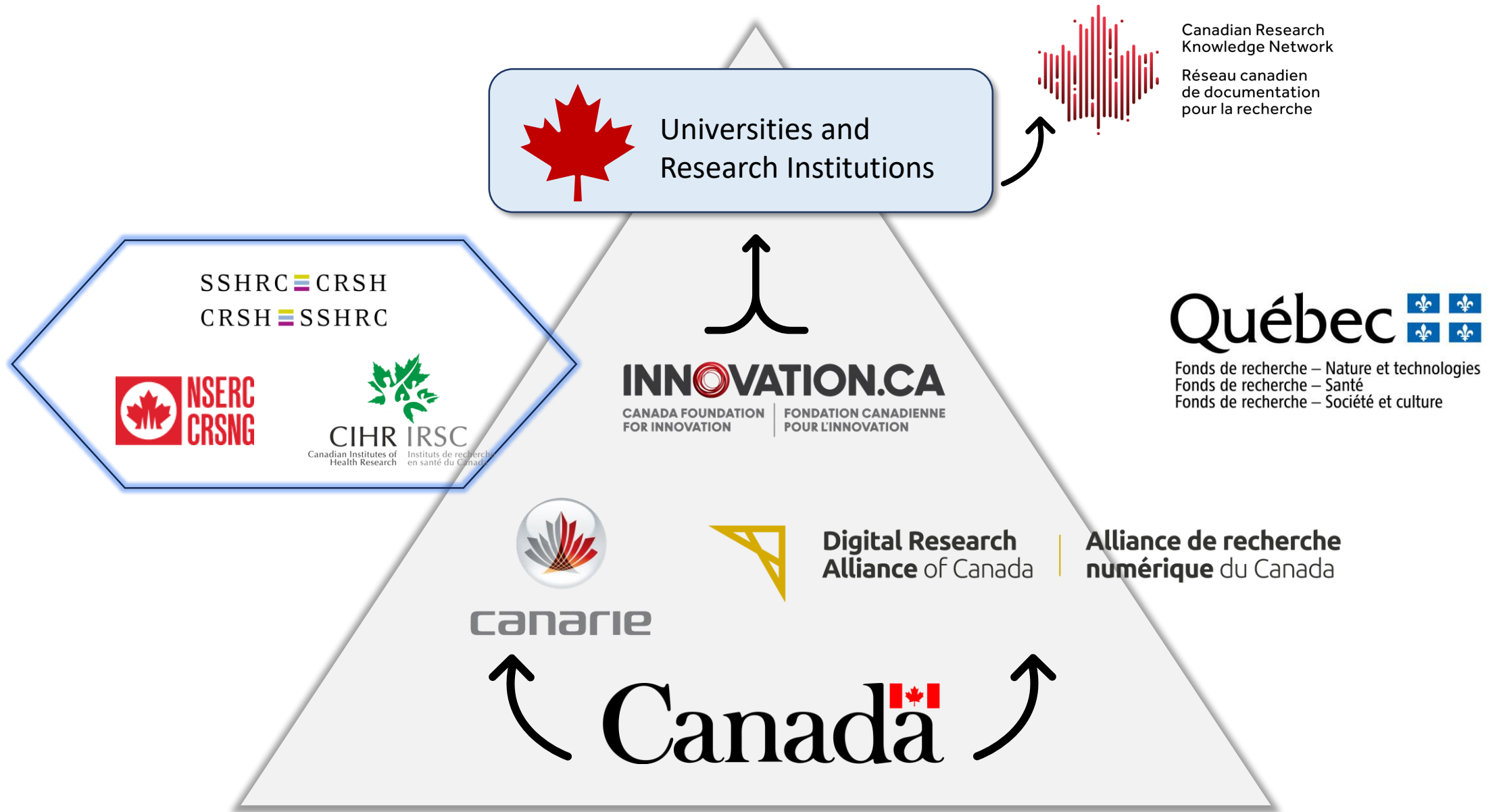
Érudit Partnership

Transition from a vendor relationship to a partnership with Érudit

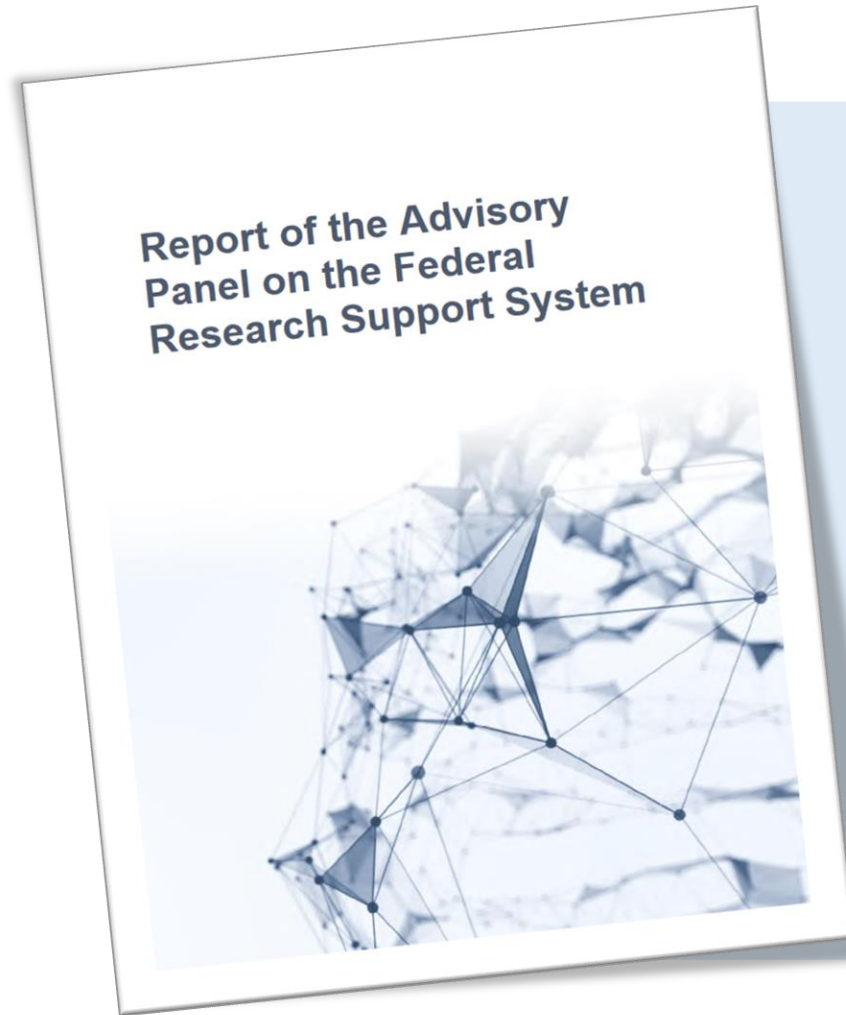
CRKN and Canadiana.org Merger

CRKN continues its core licensing activities while expanding support for the digitization, access, and preservation of Canadian heritage content

Canada's Research Funding Ecosystem



Opportunities and the Future



- National strategic vision and a possibly a strategic advisory body
- New paradigm for research infrastructure
- Supporting talent continuum
- Connecting research and innovation
- Equity diversity and inclusion (EDI), and support for Indigenous and Francophone research and talent

Canada's National PID strategy

CRKN's Mission and the National PID Strategy

Vision

The world's knowledge is accessible by all.



- FAIR Principles
- Automated and efficient access
- Open and connected metadata

Mission

CRKN advances interconnected, sustainable access to the world's research and to Canada's documentary heritage content.



- Disambiguation
- Discoverability
- Connectedness
- Interoperability

PIDs in Canada: Overview



ORCID Canada Consortium

- 46 members
- 62 system integrations
- 200,000 ORCID iDs



DataCite Canada Consortium

- 65 members
- 76 repositories
- 700,000 DOIs



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Digital Research
Alliance of Canada

Alliance de recherche
numérique du Canada



PIDs in Canada: Governance and Collaboration

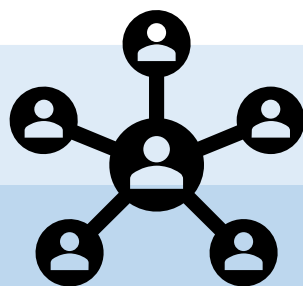


Canadian PID Strategy

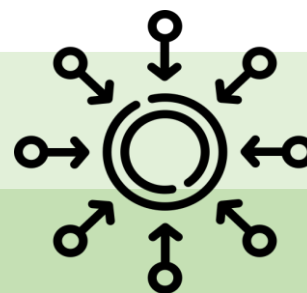
Why a national strategy?



Community-
driven
approach



Collaborative
work across
sectors



National
funding to
support
centralized
initiatives



National
policies
(Open Science)

Canadian PID Strategy

Phase I & II

- CRKN, Alliance, CPIDAC
- [MoreBrains Report](#) (Phase I)
- PIDs 101, Problem Statement
- National Strategy Pitch, Policy Brief
- Eight Priority Entities Identified

Next Steps

- Comms strategy and toolkit
- Roadmap So Far: Easy Actions
- Assess which PIDs can resolve which challenges



Indigenous Data Sovereignty

Collaborative Actions towards Truth and Reconciliation

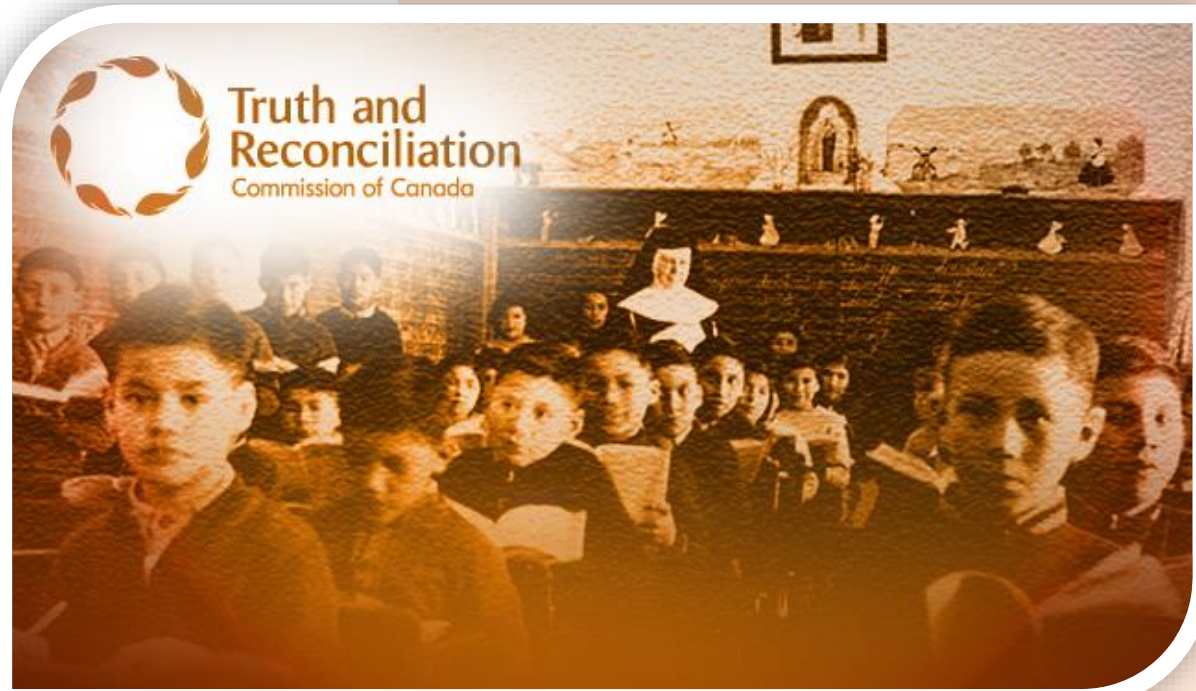
Indigenous Data Sovereignty

The ability for Indigenous peoples, communities and Nations to participate, steward and control data that is created with or about themselves.



The Earth is My Government by Christi Belcourt

Truth and Reconciliation in Canada



Created as a result of Indian Residential Schools Settlement Agreement

Active from 2008 to 2015

Published a [report](#) in 2015 with 94 calls to action

Supporting a National Respectful Terminology Platform

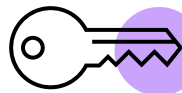
National Indigenous Knowledge & Language Alliance



Building an open and online platform that will enable a dynamic, multilingual set of terminologies applied to Indigenous Peoples, places, heritage, tradition, knowledge, and cultures.

Implementing Interim Solutions at CRKN

Underway



Respectful Metadata



Sensitive Materials Warnings

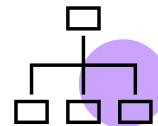
Future Plans



Access Rights/Permissions



Traditional Knowledge Labels



Reorganizing the Collection

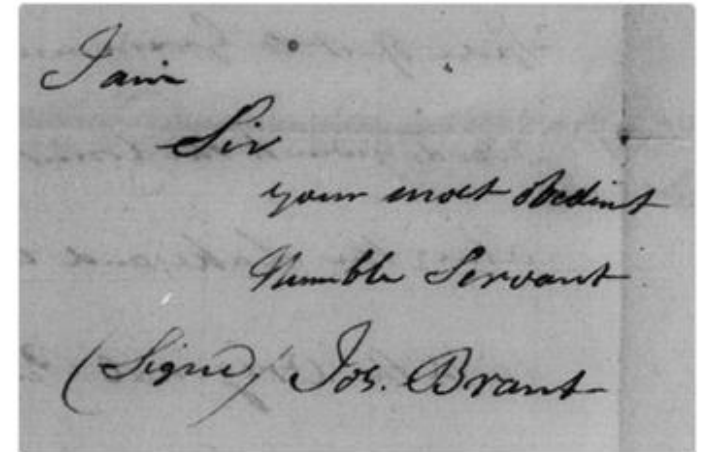
Surfacing Indigenous Content



Canadiana

Héritage

- Majority is handwritten
- AI character recognition
- Improves access
- Supports Indigenous communities



Aboriginal History

Documenting the government's management of aboriginal affairs from the late 1700s to the mid 1900s, exploring issues of land ownership, education, law, finances, health, and community development.

[Browse this collection](#)

Collaborative, Coordinated, and Connected

How to Achieve our Vision

Canada's Academic Library Community: Collaborating, Coordinating and Connecting



Supporting the needs of Canada's research community



Taking action towards Indigenous Data Sovereignty



Fostering relationships and creating partnerships



Questions