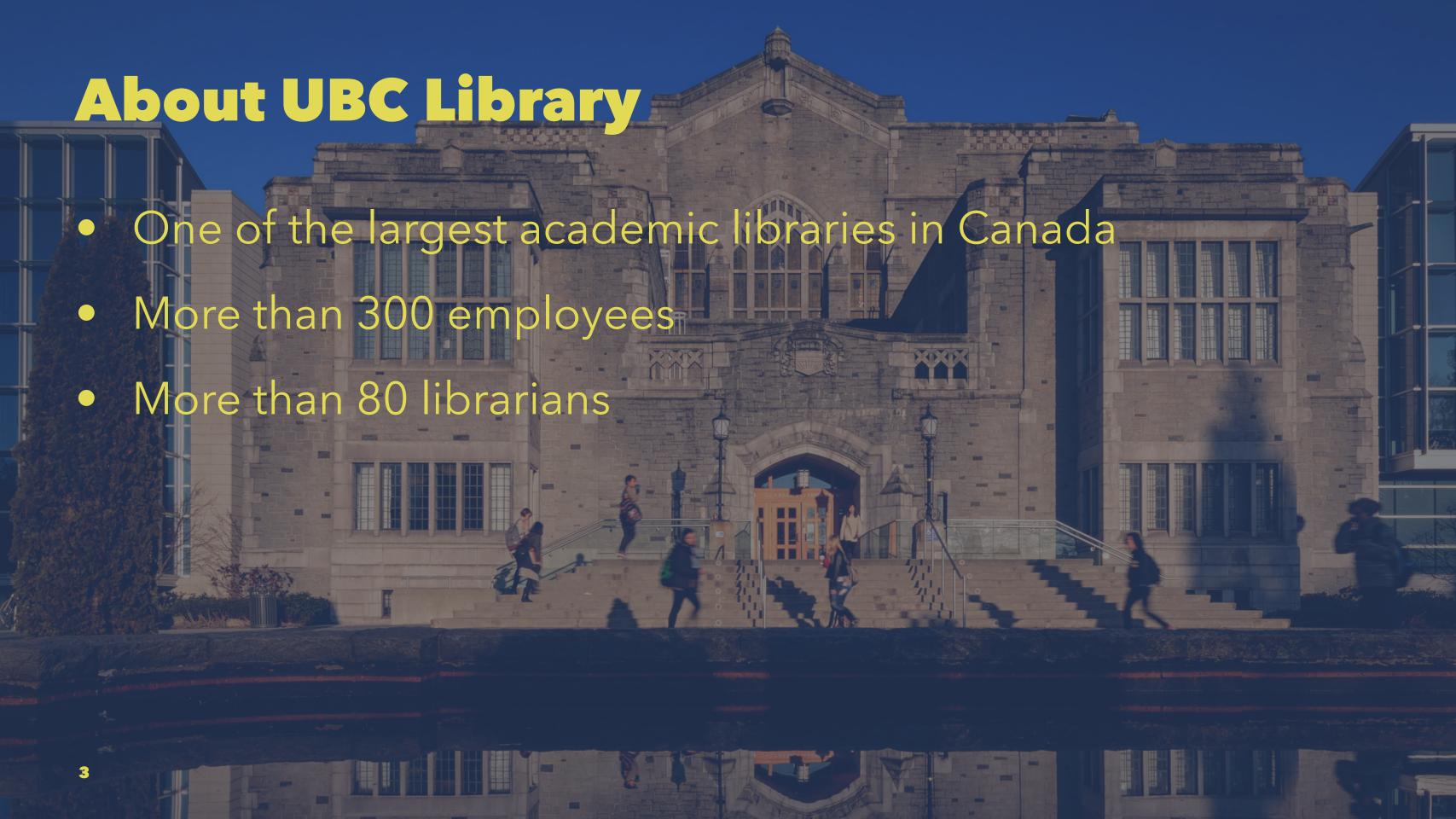
UBC RORs - the "Where" of persistent identifiers for linked digital assets

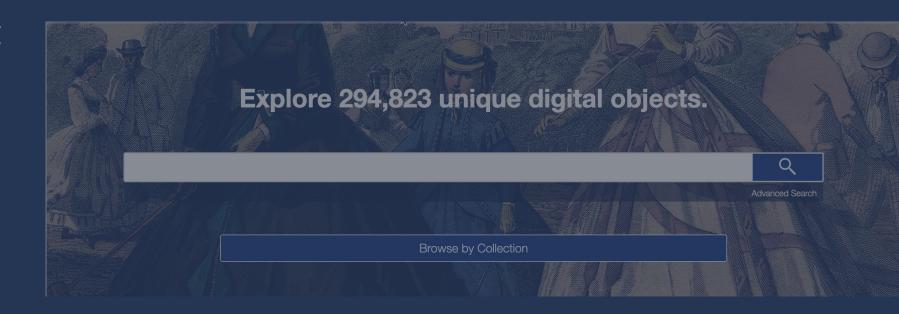






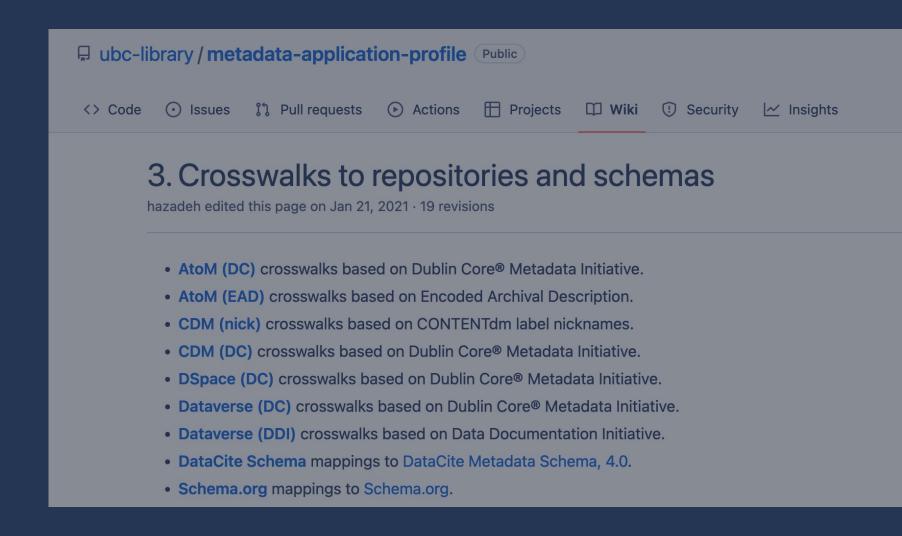
UBC Open Collections Discovery

- Open Collections brings together locally created and managed content from UBC Library's open access repositories:
 - Dataverse
 - DSpace
 - AtoM
 - ContentDM
- Released in 2016



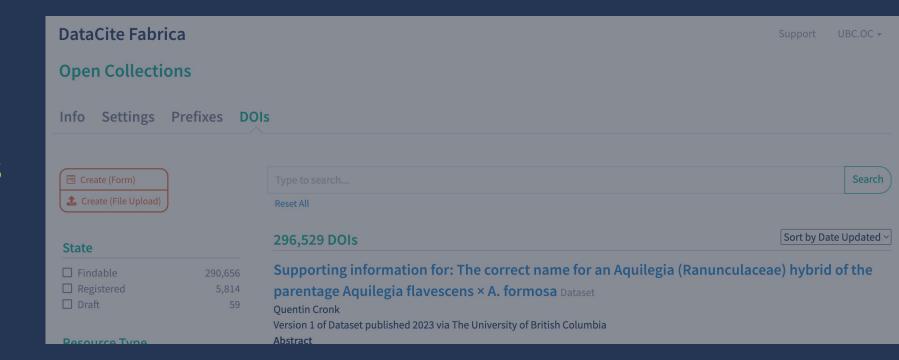
Discovery interface approach

- Metadata from source repositories is <u>crosswalked</u> to Open Collections schema
- Open Collections is crosswalked to Datacite and Schema.org for enhanced discovery
- DOIs are minted in the discovery layer - Open Collections, not in source repositories



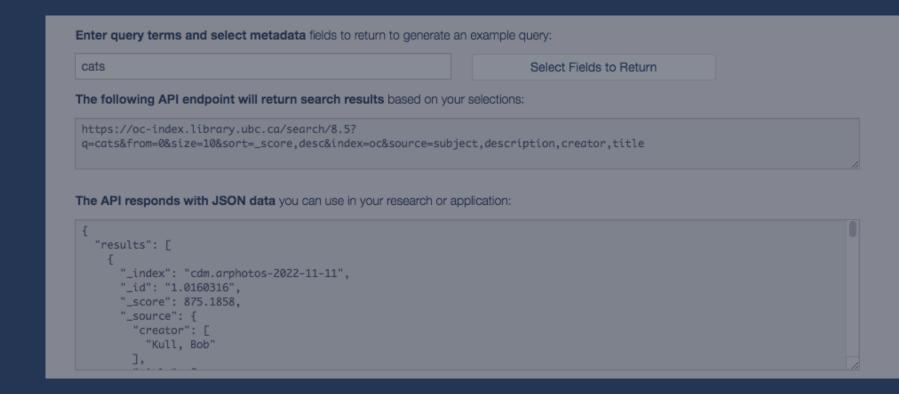
Scope and Scale

- Almost 310,000 DOIs minted and maintained
- Around 10,000 DOIs a year
- Weekly maintenance for broken PIDs



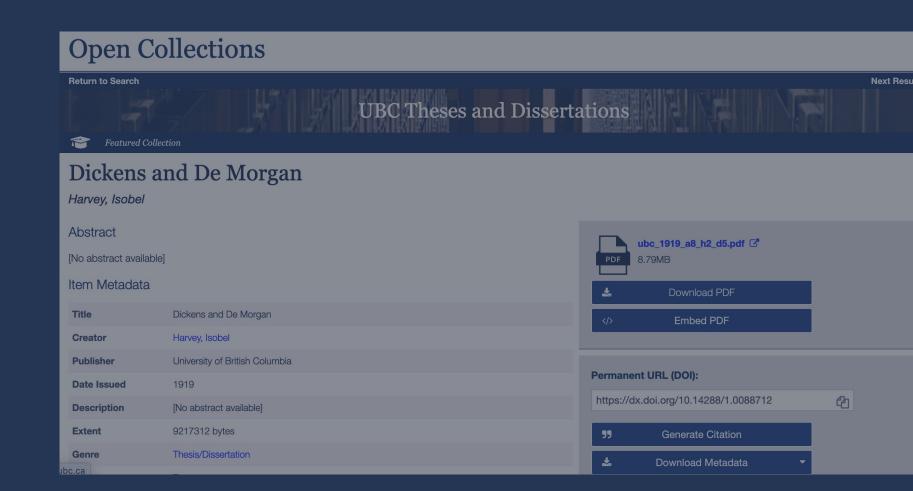
API Calls

- APIs for data re-use
- Community integrations are welcome



Landing page and Stats

- Each landing page has metadata (required for Google Scholar for harvesting)
- Downloadable in multiple formats
- Metadata available in multiple formats (various json, various rdf)



Landing page and Stats

• Each landing page has stats and locations enabled



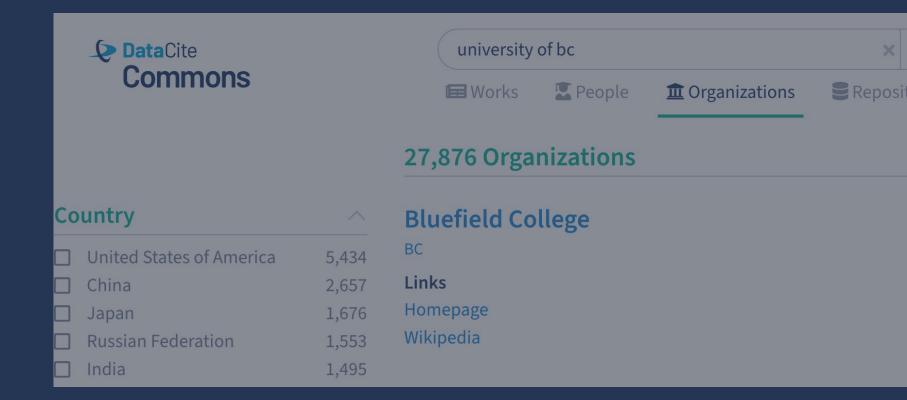
RORs at UBC

- Research Organization Registry
 (ROR) is a global, community-led registry of open persistent identifiers for research organizations.
- RORs are open and non-proprietary
- Play well with ORCIDs and DOIs
- Replaced GRID IDs



Problem with institutional names

- Is it UBC, University of British Columbia, University of BC, U.B.C or anything in between?
- Programatically it is hard to distinguish
- Not good for linked data world



Solution - Embed RORs in Datacite metadata

- Include RORs in all UBC-minted DOIs
- Each UBC DOI has element #7
 (Contributor in the Datacite Schema)
 enabled with controlled ROR entry
 for UBC

7. Contributor

Obligation: Recommended

Occurrences: 0-n

Definition: The institution or person responsible for collecting, managing, distributing, or otherwise contributing to the development of the resource. To supply multiple contributors, repeat this property.

Embedding RORs in Datacite metadata

 Code element 7 (Contributor) in Datacite Schema 4.X (and all sub elements for 7) for all DOIs submitted to Datacite for UBC Library (retrospectively and prospectively), using 7, 7.a, 7.1, 7.1.a, 7.4, 7.4.a, 7.4.b.

Embedding RORs in Datacite metadata

- Allows the scholarly community to gain insight into research outputs at the institutional level by exposing affiliation information in DOI metadata submitted to Crossref or DataCite.
- Now, anyone willing to discover and harvest thousands of the UBC Library digital assets has an easy way to do so with a clear ROR query!



