Jul 12th, 3:20 PM - 3:25 PM

Arca: British Columbia's Collaborative Digital Repository Network

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BC ELN provides infrastructure and coordination for collaborative licensing and projects

Tri-Council Mandate:
- All government-funded research must be deposited in open-access repositories (effective May 2015)
- Institutions need repositories to continue receiving grant funding

BC Ministry of Advanced Education:
- Strong interest in increasing collaboration among post-secondary libraries
- Mandate to fund cost-saving shared services
- Long-term interest in making BC research more visible and accessible
How it works

- **Consortial Governance**
  - Advisory Committee sets policies for all participating institutions
  - Decisions that affect all sites are made together

- **Third-party development, hosting, and maintenance**
  - Support provided by discoverygarden, a Canadian Islandora service company

- **Central coordination by BC ELN**
  - Coordinating committees and working groups
  - Collecting service support fees
  - Working with the vendor on support and development needs
  - Providing training and front-line support
  - Maintaining the parent website, arcabc.ca
Why do it collaboratively?

- Lower staffing requirements
  - Administer a repository with 0.4 to ~0 FTE

- Greater discoverability
  - Each site’s content is discoverable and aggregated at the provincial level

- Community of practice
  - Common policies = common standards = interoperability, and future potential
  - Shared expertise and problem-solving
  - Pooling resources to get more for less

- Affordable!
  - Arca sites pay < $6,000 per year
  - vs. ~$25,000 for some commercial products
Challenges/Opportunities

- Open-source software:
  - Amazingly flexible - can get nearly anything done (if you have staff/money)
  - BUT - originally built ad-hoc with little central coordination; not perfectly packaged

- Meeting diverse needs

- Saying no
  - If you can’t say no, costs rise exponentially
  - Sometimes saying no gives better results anyway

- Storage limitations and costs
  - Privacy concerns are forefront in BC
  - Canadian hosting options are limited and expensive
  - Partnerships with other Canadian consortia will make this easier