Agenda

• Why Open Source?
  • Sustainability & Reliability

• Islandora
  • Community
  • OAIS
  • Framework
Hi, I’m Erin …

Since 2011, I’ve been involved in the Islandora project

I’ve been involved in close to 30 different Islandora projects

Employed at discoverygarden, partner in the Islandora Foundation
Why Open Source?
Why Open Source?

**Sustainability**
- Public documentation
- Reduced reliance on vendors
- User driven community (Accenture, 2009a).

**Reliability**
- Maturity in Open Source Communities
- Implementation of quality assurance processes
- Fixing security bugs (Accenture, 2010).
Reasons For Continued Resistance

• **Lack of training**  
  (Accenture, 2009, para. 8).

• **Lack of senior management support**  
  (Accenture, 2009, para. 8).

• **Insufficient open source alternatives**  
  (Accenture, 2009, para. 8).
It’s worth it to invest in people and ideas instead of licenses.
Islandora Community

https://groups.google.com/forum/#!forum/islandora
Islandora Interest Groups

- Preservation Interest Group
  - Mandate: “[…] develop and communicate a common approach to address preservation within the Islandora framework.”

- Fedora 4 Interest Group
  - Mandate: “[…] discuss Fedora 4 in the context of Islandora and develop a plan for integration”
Islandora Open Source Software Stack

- Web interface (Drupal)
- Search (Solr)
- Preservation (Fedora)
Islandora and OAIS

Diagram showing the processes and metadata types involved in Islandora and OAIS.
Islandora Solution Packs

- Solution Packs
  - Standard Image
  - Large Image
  - Book
  - Newspaper
  - PDF
  - Audio
  - Video
  - Binary/File
  - Compound
  - Entity (person, place, event, organization)
New Developments

- Fixity and File Format Identification
  - Islandora Checksum
  - Islandora FITS

- Data Integrity
  - Islandora Checksum checker

- Bitstream/Object Replication
  - Islandora BagIt

- Preservation Metadata
  - Islandora PREMIS
Questions ...
Thank you!

For more information or to schedule a private demonstration of any Islandora functionality please contact info@discoverygarden.ca