Overview & Update
Islandora Project

- Open source project started in 2008
- 10 FT staff (6 @ 100%, 4 @ 50%+), 20+ contractors, 4 external partners
- Operational + Soft Money
  - $2.4 million grant in 2010
  - Research and other grants over $750,000
Islandora Landscapes

- Designed to support 3 “landscapes”
  - Research (Data, Collaborative groups)
  - Admin (Committees, Documents/Records)
  - Learning (Images, SCORM)
- System designed to support any DA requirement
Architecture

Fedora

Islandora

Drupal

LDAP  Groups  Forms  FCK  Hooks  ModuleX

XACML Filter  Drupal Module  Rule Engine  PHP Code
Architecture

- LDAP
- Groups
- Forms
- FCK
- Hooks
- ModuleX

- XACML Filter
- Drupal Module
- Rule Engine
- PHP Code

- Data
- Collection Policies
- Security Policies
- XSLTs
Architecture

Drupals
- LDAP
- Groups
- Forms
- FCK
- Hooks
- ModuleX

Islandora
- XACML Filter
- Drupal Module
- Rule Engine
- PHP Code

Fedora
- Data
- Collection Policies
- Security Policies
- XSLTs

LDAP
- Scripts
- Sherpa
- Solr/Lucene
Drupal

- Collaborative layer
- Easy branding
- New functionality & modules all the time
- Community large and Web 2/3 savvy
- System will be around for a while

Drupal: power by the people

Open Source and backed by thousands of developers, Drupal empowers organizations to quickly and easily create robust Social Publishing web sites. Engage customers, build community, grow your brand, be social. Get Involved
Drupal Admin

About Islandora Project

Title: About Islandora Project

Topic(s): Library

Body: Islandora VirtualBox Demo ver 1.0 Instructions Available

Islandora is an open source project underway at the Robertson Library at the University of Prince Edward Island. Islandora combines the Drupal and
Drupal Admin

### File attachments

Changes made to the attachments are not permanent until you save this post. The first "listed" file will be included in RSS feeds.

<table>
<thead>
<tr>
<th>Delete</th>
<th>List</th>
<th>Add to Repository</th>
<th>Label</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>☑</td>
<td>duraspace_logo_vert_100.png</td>
<td>2.6 KB</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Vers_Logo_Branded_300dpi.jpg</td>
<td>3.49 KB</td>
</tr>
</tbody>
</table>

Roles which can view the attached items:

- administrator
- authenticated user
- member
- projects
- superuser

This only applies to files which you add to the repository. If no roles are checked the item will be public.

**Attach new file:**

The maximum upload size is 50 MB. Only files with the following extensions may be uploaded: jpg jpeg gif png txt html doc xis pdf ppt pps odt ods odp zip xml sql mp3 csp log jpe swf.
## Drupal Admin

### Digital Repository
- **Enabled:** Yes
- **Version:** 6.1dev
- **Description:** Shows a list of items in a fedora collection. Depends on: ImageAPI (enabled), Required by: Fedora Attach (enabled), Islandora Book (disabled), Fedora ImageAPI (enabled)

### Fedora Attach
- **Enabled:** Yes
- **Version:** 6.1dev
- **Description:** Allows users to attach files to node content which then get ingested into Fedora. Depends on: Digital Repository (enabled), Upload (enabled), ImageAPI (enabled)

### Fedora ImageAPI
- **Enabled:** Yes
- **Version:** 6.1dev
- **Description:** Adds image manipulation support through a REST interface. Depends on: Digital Repository (enabled), ImageAPI (enabled)

### Islandora Book
- **Enabled:** No
- **Version:** 6.1dev
- **Description:** Provides book interface. Depends on: Digital Repository (enabled), ImageAPI (enabled)

### FeedAPI Add On

<table>
<thead>
<tr>
<th>Enabled</th>
<th>Name</th>
<th>Version</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Common syndication parser</td>
<td>6.x-1.8</td>
<td>Provides an XML parser for FeedAPI modules. Requires PHP5. Depends on: FeedAPI (enabled)</td>
</tr>
<tr>
<td>Yes</td>
<td>FeedAPI Inherit</td>
<td>6.x-1.8</td>
<td>Passes on group and taxonomy information from feed to feed items. Requires FeedAPI Node processor. Depends on: FeedAPI (enabled), FeedAPI Node (enabled)</td>
</tr>
</tbody>
</table>
Fedora

- Repository layer
  - data, metadata, workflow, AuthZ/T
- Work with any data asset/schema
- Content Model Architecture
- Semantic support
Islandora

- Glue that binds Drupal & Fedora
- Drupal module, PHP & Java apps
- JS rule engine for flexible workflows
- Drop-In support for new modules
Islandora External

Current Users/Kickers include:

- U North Texas, Georgia Institute of Technology, UNB, Carleton, University of Guelph, UCD, Los Alamos, Saint Louis U, Prince George PL, SouthEast Asia DL, Shang Shung Institute, Smithsonian, USHMM

- Significant activity on Islandora support forum

- DuraSpace Sponsor & Registered Service Provider
Workflows

- Ability to define & integrate complex digital workflows
  - IslandLives book transformation
  - IslandScholar document conversion
- Fedora disseminators, Islandora rule engine
- Future integration of Taverna +
Currently using/creating content models with

- DC, QDC, MODS, RefWorksXML, TEI,
- KML, VRACore, MIX, DarwinCore,
- DDI, EMBL, MzXML, Custom

Also using metadata for preservation/retention info
Content Models

- CMA is key to the Islandora architecture and roadmap
- Provides complete digital archive along with assets and metadata
- Opportunity to share content models makes Fedora ecosystem very compelling
Islandora Roadmap

- Goal to have a rich and fully defined community framework for participation
- Quarterly Roadmaps, new releases & Packs starting in Fall 2010
- Islandora Camp to gather community and help define Roadmap for coming
- Coming: new SPs, Bundles, iPhone/iPad
Partners - DuraSpace

- Active DuraSpace community partner
- FeSL Project
- Founding DuraSpace Service Provider
- Committed to the open source ecosystem
Partners - Oracle/Sun

- Collaborating on design of bundle
- Optimizing Islandora for Sun
- Ensuring integration with SAM/QFS
- Defining other possible synergies
Partners - Arrow/MOCA

- High-Mid range HW-SW bundles
- 6+ configurations from small to large
- Includes full Islandora stack
- Annual maintenance and support
Partners - Apple

- Low Range HW/SW bundles for small archives/organization
- Includes full Islandora stack
- 5 TB Server w/o support
Partners - VARs

- Business partners to provide full solution
- Local expertise, value-added services
- Versatile, MOCA, Enovation Solutions
- More coming
DuraCloud

- DuraCloud Pilot
- Use Cases
  - SaaS - full stack in the cloud
  - Services - Djatoka
- Will be providing Islandora Cloud products/services
New UPEI business spin-off, will provide services for Islandora

- Implementation/Install
- Customization
- Production/Digitization
- Hosting/Cloud
- Training
2010 Releases

- Q1-Q2
  - Institutional Repository, Generic, Large Image
- Q3
  - Digital Books, Magazines, Newspapers, Maps
- Q4
  - Image, Document Management, Video/Audio, Bio-Science
Island Magazine
Red & White
Island Scholar
IslandImagined
Island Newspapers
Community & Participation
Lists & Communication

- Google Groups
  - islandora
    - http://groups.google.com/group/islandora
  - islandora-committeers
    - http://groups.google.com/group/islandora-committeers