

Open Repositories 2013

Proposal For: Fedora Users Group Session

Title: Update on the Islandora Project and Community

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The Islandora project has quickly become one of the most widely used “front-end” stacks for the Fedora repository system. The Islandora community is vibrant and growing, with an estimate of hundreds of implementations in countries all over the world. The system is used in academic libraries, museums, cultural organizations and private companies and the common interest is a flexible digital asset management system. Islandora’s architecture is an ideal addition to the flexibility of the Drupal and Fedora components that are key parts of the software stack, providing a robust approach to the digital stewardship of a wide range of assets, from traditional digital library systems to complex research data.

This session will provide an update on a number of aspects of the project:

- **Software Stack:** Islandora builds on the philosophies of Drupal and Fedora in providing a great deal of flexibility in how the stack is deployed. The latest release (Islandora 7) will be highlighted, including the new Image Solution Pack with the SeaDragon viewer, improvements and updates to all Solution Packs, and enhanced administrative features.
- **Tighter Integration with Drupal:** the Drupal sync or Bridge module and Islandora Solr Views bring long-anticipated tighter integration with Drupal, allowing implementers to leverage the many standard Drupal modules.
- **Cloud Services and Support:** The upcoming Vault module, which provides integration with the DuraCloud service, and initial integration with Amazon’s Glacier, as well as a description of available cloud implementations of the framework. The variety of support services and educational offerings will be described.
- **Micro-services:** Integration of various applications in the micro-services component, including the Taverna workflow engine and the Tesseract-based OCR module.
- **API:** The latest developments with the Islandora API, Tuque, including projects where Tuque has been used to integrate Drupal with non-Fedora backends and non-Drupal front-ends.
- **Community:** A profile of the community will be given, including examples of production Islandora sites. The recently launched Islandora Community Partners initiative, which provides for the long-term stewardship of the project, will also be described. Examples of code contribution from the broader community will be used as illustrations of the diverse and productive community that has evolved with the project.