Versatile Systems

Working with the Open Archive Stack

September 2009
Who we are

• Sun Executive Partner
• $60M Revenue
• Software Solutions Company
  – Software, Services, Hardware
• Publicly Traded
  – TSX & AIM
• 160 Employees
• 10 Offices (primarily in the US)
  – London (UK) to Vancouver
How did we get involved?

• Sun call to action among it's partners
• A unique combination of software, systems and services savvy
• A good understanding of how to package a reliable software stack into an appliance format
Our Goal

• Enable the installation and configuration of Open Source Digital Archives
  • Reduce complexity for the end user
  • Improve usability
  • Shorten the time to implement
  • Provide systems architecture services
Islandora

• Drupal/Fedora module + additional components
• Drupal front-end, collaborative layer, editing
• Fedora data assets, metadata, policies
• Provides access to applications (e.g. OCR, scanning)
• Fedora’s architecture key to strategy – data agnostic
Why Drupal?

• Separation of Data and Applications/Interfaces
• Easy interface branding (themes/CSS)
• Client can control look/collaboration/content/community/some functionality
• New modules provide features without much development, LDAP auth/roles one example
• Hack existing Drupal modules before new dev
• Community is huge and Web 3.0 savvy
Why Fedora Commons?

• Best digital asset repository - store any data type and any metadata schema
• Files, metadata, policies (collection/security) stored in file system - long-term stewardship
• Easy to define transformations & workflows
• Support for semantic technologies & ability to leverage emerging innovation
What have we done so far?

• Worked with the teams at:
  • Sun Microsystems
  • University of Prince Edward Island
  • Duraspace/Fedora Commons

• Created and tested installation procedures
  • Install and configure the Open Solaris OS
  • Install and configure the software stack
- Optical Character Recognition
- Inline editing
- Full text searching
• Collections of metadata
• Advanced searches
• Drill down information
How can we help?

• Provide a single source for:
  • Architecture and design
  • Hardware
  • Software
  • Services
  • Training
  • Support
How to move forward?

• Let's discuss your needs
• Understand your issues
• Develop a plan to analyze and implement
• Assist you in making the best choices
• Provide you with on-going support

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