IUScholarWorks Repository Update

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Overview of Presentation

- Brief introduction and history
- DSpace 1.8 and beyond
- Ongoing development work
- Conclusion / Questions
What is IUScholarWorks Repository?

- An open institutional repository for Indiana University scholars
- DSpace-based
- Only part of the IUScholarWorks brand, along with other pieces such as OJS (Open Journal Systems)
- Currently contains 148 communities, 479 collections, and 8895 publically available items
- Publicly available at http://scholarworks.iu.edu/dspace
DSpace Upgrade --- Finally Complete!

- IUSW Repository was ‘stuck’ on Version 1.5.1 for quite a long time.
- Our instance contained much custom code and the further we got behind, the harder it was to try to catch back up.
- Just last month, we finally completed an upgrade to the most current version, DSpace 1.8.2!
- Much of the custom code has been eliminated, making future upgrades easier and quicker.
DSpace 1.8.2 – What can it do for us?
DSpace 1.8.2 – New Features at a Glance

- RSS Feeds at all levels
- Improved statistics
- Solr included for statistics and search
- Visual improvements, especially for item pages
- Google scholar integration
- Curation tools to make regular tasks easier
- Built-in embargo tools
- Improved administrative tools
DSpace 1.8.2 – Visual improvements

- Now based on the new Mirage theme
- Easier to customize
- Visual improvements to item view pages
- Example:

https://scholarworks.iu.edu/dspace/handle/2022/14616
DSpace 1.8.2 – Google Scholar Integration

- DSpace now provides build-in integration with Google Scholar
- DSpace worked directly with Google Scholar to ensure correct metadata is being generated
- Example: https://scholarworks.iu.edu/dspace/handle/2022/3588
DSpace 1.8.2 – Curation Tools

- Curation tools make a variety of administrative tasks easier to accomplish
- Custom tools are easy to write and add into the repository
- Built-in tools accomplish such tasks as virus checking and file validity checking
- See: https://scholarworks.iu.edu/dspace/admin/curate
DSpace 1.8.2 – Import and Export

- New tools make export and import of entire collections and communities very easy
- Export (of metadata only or bitstreams as well) can be done directly within the web interface
- Import can be accomplished via simple command-line instructions
- Import can also update metadata for existing records
- Immediately useful for IUSW!
The Future of DSpace – DSpace 3.0

- What happened to 2.0?
- Item versioning
- Advanced embargo support
- Controlled vocabulary support
- Mobile theme
- Batch import from bibliographic sources
- “Testathon” going on right now
The Future of DSpace – Beyond 3.0

- Duraspace is investigating many options for the future of DSpace, including integration with Fedora, Islandora, and Hydra
New Directions for IUSW Repository

- Embargos and policy development
- Digital Object Identifiers (DOIs)
- IU Bloomington Data Management Service
  - Enhanced service model
- Websites and documentation
  - IU Libraries Data Management Guide
  - IUScholarWorks > Data
IUSW Repository Can Work For You!

- Works become
  - freely and broadly available
  - worldwide audience
  - archived
  - preserved
  - permanent URL
What’s in IUSW Repository?

Many types of scholarly objects:

- Pre-refereed works, Working Papers, Conference Papers & Presentations, Post-refereed works, Journal Articles, Book Chapters
- Data Sets
- Theses and Dissertations
- Non-Text: Audio, Video, Images
Conclusion / Questions

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