

Systems / DLC Update

November 27th, 2007

General Discussion

- UFDC and Endeca and DLU01
 - Agreed upon direct loads into Endeca, bypassing DLU01
 - Cataloging working on creating the test load
- Networking Issues
 - Loader/PreLoader to new machine
 - Disk space monitoring service (linux boxes)
 - Logical array → development
 - SSL to allow SFTP – install new version of vSFTP
 - Future (possible) network changes
 - Move one box to MSL
 - Move from MS SQL to MySQL running on each linux box (unresolved issues)
 - Implement MONO and run the loader and preloader on the development box
- Tagging (Jason F)
- Meeting Time

Released to Production

- Quality Control Suite (*Version 3.9.6*)

There are many changes for this new version, but the main changes are:

 - Single Image Edit Form
 - rotate, crop, and flip the TIFF (with ImageMagick installed)
 - invert the JPEG images (useful for bitmaps which ImageMagick incorrectly inverts)
 - set errors, division, and pagination information from this screen
 - page through the book with a zoomed view on each page
 - http://www.uflib.ufl.edu/digital/development/apps/qc/single_image.jpg
 - Single Bib ID QC Form
 - Modified menu organization / buttons to match new Single Image Edit Form
 - Ability to assign the main thumbnail
 - Any edit to the metadata during QC operation will be retained
 - Preferences
 - Can now use preferences to add new source directories or drives for the PreQC and QC
 - PreQC Processing
 - Newspapers's online JPEGs are now larger
 - Folder structure
 - Change to folder structure and creation to decrease number of empty folders on hard drives
- METS Viewer / Editor (*Version 2.1.0*)
 - FTP to UFDC
 - FTP now uses the new .NET FTP object
 - FTP Settings can be edited
 - Encrypted FTP settings information is stored in registry (and shared with Go UFDC!)
 - Application information stored in the registry during install
 - Corrected issue with languages in the METS that weren't in the language file (like 'Spanish')
 - '--nodiv' flag suppresses the structure map / table of contents element from displaying
 - '--readonly' flag causes the template to launch in view mode
 - Clicking the 'Edit Mode' or 'View Mode' label in the bottom left corner changes the current mode

- Go UFDC (*Version 2.6.4*)
 - FTP of each file will be attempted a total of 4 times (with up to a second pause in between) before declaring an unrecoverable error on that package.
 - Items are FTP'd to FDA by directory name order.
 - Encrypted FTP logon information moved to registry (under *CurrentUser*)
 - Go UFDC! application information added to registry (under *LocalMachine*)
 - When unrecoverable errors are encountered, the FTP message from the server is logged in a local file

- Waterlaw Digitization Toolkit (*Version 1.1.0*)
 - Convert from XML database to SQL database
 - Change file location (G:\Waterlaw)

- Unified Importer Application (*Version 1.0.3*)
 - Trouble Ticket 23324

Currently Under Test

- UFDC PreLoader (*Version 2.2.2*)
 - Correctly updates tracking database upon preload (had stopped since bib id change)
 - Semaphore is reclaimed after 36 hours (not 48 as before)

- UFDC Loader (*Version 2.2.2*)
 - Correctly updates tracking database upon preload (had stopped since bib id change)
 - Semaphore is reclaimed after 36 hours (not 48 as before)

- DLC Workflow Applications (*Rebranded QC Suite+*) (*Version 4.0.0*)
 - Incorporates the following applications
 1. METS Editor/Viewer
 2. PreQC Application
 3. QC Application
 4. Go UFDC!
 5. CD Manager
 - Also functions as launchpad for:
 1. Tracking Database
 2. Aerial Database
 3. FileSort
 - Implement ImageMagick to change TIFFs

Currently Under Development

- 1) Tracking database release
 - a. FDA Reports
 - b. Custom grid (export to CSV, TXT)
 - c. SPR-376 (Copyright)

- 2) UFDC Release
 - a. Advanced search error
 - b. Catch database errors
 - c. First page select problem
 - d. Labels for views and downloads
 - e. Links in html view source files <%PACKAGE%>
 - f. Serial titles in document display

- 3) Unified Importer Application
 - a. Non-Unicode file error
 - b. Data issues with Excel
 - c. Add result grid for spreadsheet imports

Work in Queue

- 1) Tracking database optimization
 - a. Database
 - b. Windows application(s)
 - c. Web application
- 2) UFDC Optimization
- 3) dLOC Toolkit Release
- 4) Fedora suitability testing and potential migration
- 5) Authority / EPC
 - d. Implement new functionality in web
- 6) Implement alternate JPEG2000 server solution (.NET)

Recent software requests

- SPR-376 – DTdb (*New!*)
 - Transfer Copyright data to main form under condition
- SPR-373 – Viewer Settings (COMPLETE)
 - Set viewer settings by type
- Serial Issues
 - SPR-365 – UFDC Serial / Series Hierarchy Display [WYSI (not) WYG?]
 - SPR-366 – UFDC Serial / Series Title Display
 - SPR-367 – UFDC Title / Hierarchy Display ON DISPLAY
 - SPR-369 - UFDC: Serial/Series Hierarchy Roll-up/Drill-down
 - SPR-370 - UFDC: Series/Serial Title Capitalization
- SPR-371 - UFDC Support for EAD
 - Support the EAD DTD or build transformations to UFDC
- SPR-198 - DTdb : Statistics