# Systems / DLC Update

October 30th, 2007

## General Discussion

- UFDC and Endeca and DLU01
  - Agreed upon direct loads into Endeca, bypassing DLU01
  - Within the next 2-4 weeks, will create a test MARC load for Gerald

- World Maps
  - Within this next week, need to package all the MAP packages for PALMM

- Serial Hierarchy Issues
  - Need to add the serial title to the UFDC display

- Networking Issues
  - Disk space monitoring service (linux boxes)
  - Logical array → development
  - SSL to allow SFTP
  - 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)

## Released to Production

- Quality Control Suite ( *Version 3.8.0* )
  - QC Application
    - New *QC Final* process step added
    - Ability to view the QC History on an item has been added to the QC Application
    - Now correctly updates the tracking database again
    - Corrected issue when using the keyboard to select the division types from drop down box
    - Focus is moved to the page text box after a division name was entered
  - PreQC Application
    - PreQC Image Derivative (JPEG) Creation
      - Image Magick
        - PreQC looks in the registry for the location of any installations of ImageMagick.
        - The most current ImageMagick is used.
      - Adobe Photoshop
        - CS continues to be the only version of Adobe Photoshop which can be used
        - Registry look-up confirms the correct version is installed, or throws an error message
    - Thumbnails are now created for each and every TIFF image included
    - A default 'Sound File Only!' image is used if there are audio files in a package but no images.
    - Now correctly updates the tracking database again

- Go UFDC! ( *Version 2.5.0* )
  - FDA Preparation
    - PRO files also undergo ASCII character clean-up routine

- FDA FTP
    - New option to FTP prepared items to FDA
    - Marks as 'FDA Load' pending in the Tracking Database

**Released to Test**

- Unified Importer Application ( *Version 1.0.1 )*
    - Cosmetic changes
    - Added material type / entity type to spreadsheet importer
    - *Discussion: MARC record copyright year/holder*

**Currently Under Development**

- FDA Report Importer
    - Development points remaining
        - Implement two reports in GUI (sql already done)
            - FDA reports by date
            - FTP summary report (pending items, ftp/errors by date)
    - FTPs items to FDA as well
    - Threading completed

- Go UFDC
    - Changed to .NET *FtpWebRequest* object
        - Needs more testing
    - User can enter username and password for FTP servers
    - File ftp progress bar
    - Text cleaner tool now cleans pro's and text's
    - Adding two tools
        - CD Manager
            - Need to correct *isBibIdFormat(string)* method
        - FDA Report Importer
            - Will also be released separately

**Prioritization of Impending Work**

1) Tracking database optimization
    a. 'Game plan' pending
        i. Database
        ii. Windows application(s)
        iii. Web application

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%>*

3) Quality Control Application
    a. Crop and rotate

b. Set main thumbnail
c. Load data from METS upon approval
d. Auto name pages in QC during approval process (from Go UFDC!)

4) dLOC Toolkit Release

5) UFDC Optimization

6) Authority / EPC
   a. Implement new functionality in web

7) Fedora suitability testing and potential migration

8) Implement alternate JPEG2000 server solution (.NET)

**Recent software requests**

- SPR-373 – Viewer Settings
  - Set viewer settings by type

- SPR-374 – Material & Entity Problems
  - Should be set at vid level
  - Do check in importer

- Serial Issues
  - SPR-365 – UFDC Serial / Series Hierarchy Display
    - WYSI (not) WYG?
    - UFDC Serials :: one never seems to get what one inputs or sees in the METS editor.
    - Serial hierarchy display should be that input/available in METS.

  - SPR-366 – UFDC Serial / Series Title Display
    - UFDC Serial and Series Titles should display as input into METS
    - Sometimes titles never display. Frequently they're not in agreement with the METS

  - SPR-367 – UFDC Title / Hierarchy Display ON DISPLAY
    - On display of an item in UFDC, the title and heirarchical information (issue, volume, etc.) should display in the information window above the page display.

  - SPR-369 - UFDC: Serial/Series Hierarchy Roll-up/Drill-down
    - For Serial and Series Titles support -/+ behaviors to roll-up or drill-down the UFDC display of volumes, issues, etc. Initial display, except for keyword returns, should be a roll-up state. Behavior should support incremental roll-up and drill-down
  - SPR-370 - UFDC: Series/Serial Title Capitalization
    - UFDC: Series/Serial Title Capitalization

- SPR-371 - UFDC Support for EAD
  - Support the EAD DTD or build transformations to UFDC

- SPR-372 - Test (and possibly migrate to) Fedora

- SPR-198 - DTdb : Statistics