

CTDA Technical Roadmap Discussion NOTES

May 23, 2016

3:00 – 3:30 pm

In Person/Virtual Meeting

New functionality:

- Manuscript Content Model has been enabled. A how-to guide has been created and can be found on CTDA's Slideshare site (<http://www.slideshare.net/CTDigitalArchive>).
- Download PDF tab tool has been installed and enabled. This allows users to download a PDF from a tab with the label "Download PDF" if a PDF data stream is present in the Digital Object.
- Newspaper batch module has been released. This has been tested in dev. It works well with single and multiple issues. Because it requires a folder structure that isn't easy to create by hand, DGI is working on an easier solution.

Upcoming functionality:

- Newspaper batch enhanced module. We are working with DGI to allow content owners to add multiple issues and their pages in folder structure where a folder has a subfolder for each issue that has the MODS.xml for that issue and a subfolder with that issue's pages. Pages can have any filename.

Folder

```
-issue01
  -MODS.xml
  -subfolder
    -page1
    -page2
-issue02
  -MODS.xml
  -subfolder
    -page1
    -page2
-issue03
  -MODS.xml
  -subfolder
    -page1
    -page2
```

- New Theme for CTDA Collections. This new theme will allow CTDA to better utilize the power of Drupal. On the home page, there will be functionality to expose certain collections, links to news items, and usage stats for digital assets. The new theme for CTDA Collections is part of the project to move our primary website to the CTDA Collections Drupal site. This means that in time all content found on <http://ctdigitalarchive.org> will be moved to CTDA Collections site. In addition to ensuring that url's stay the same for pages found currently

on <http://ctdighalarchive.org>, we will be adding a more robust contact page that will list our participants and a general contact email.

Requested functionality with Islandora Foundation:

At the last Islandora Metadata Interest Group, several supported submitting a ticket to the Islandora Foundation to enhance the compound object solution pack to support the display of parent and/or child metadata (<https://jira.duraspace.org/browse/ISLANDORA-1718>). A member of the committer's group is looking into this issue. See ticket for details.

Functionality currently being tested in dev:

- Islandora Find and Replace: This is an extremely powerful tool. There is some back and forth between the committer and the community to improve this module. At this time, it is still only in development and has not had any alpha or beta releases.
- Metadata Analyzer: This is next on the list to be tested. This tool analyzes MODS records. More information will be gathered when it is tested.
- Calendar view for CTDA Collections: The creation of a calendar using Drupal views is being investigated for the CTDA Collections site. The thought behind the calendar is to let participants' easily find out about CTDA and/or other participants' events.

Storage Growth Projections:

- Thank you to everyone who submitted information for the 5 year storage growth projection of both the CTDA shared folder (called UCL Digital) and the CTDA Repository. Those estimates are:
 - It is estimated that the CTDA shared folder requires 8TB per year over a period of 5 years.
 - It is estimated that the CTDA Repository requires 28TB per year over a period of 5 years. This estimate includes the ingestion of legacy and new content.
- We just bought about 60TB usable storage. We might get around 50TB with another 15-20TB of storage that we can use for the repository.
- Linux file level restore is working off the NAS. The frequency of the restores and how far back to go in time will be determined shortly.
- CTDA sites now use PRTG for reporting. More work will be done with this to get usable data that can be reporting.

CTDA Development Ideas:

CTDA relies on the participants' feedback and submission of development ideas. At any time, development ideas can be submitted to ctda@uconn.edu. What are your development ideas?