DSpace 7 Demo
TDL DSpace 7 Task Force

2023 Texas Conference on Digital Libraries
Agenda

3:30-4 Tour of DSpace 7: https://training-ir7.tdl.org/home

- Homepage tour, log in, & admin menu (Alexa Hight) (2-5 min)
- Creation of Communities and Collections (Charity Stokes) (5 min)
- Submission UI - deposit a single item (drag and drop) (Ima Oduok) (5 min)
- Tour of Processes and Curations (Kristi Park) (5 min)
- Technical fun (Nick Woodward) (5 min)

4-4:15 Q&A

- Resources and open time
DSpace 7 Task Force Members

Alexa Hight, Texas A&M University-Corpus Christi
Colleen Lyon, University of Texas at Austin
Mary Rausch, West Texas A&M University
Charity Stokes, Texas A&M University
Laura Waugh, Texas State University
Nick Lauland, Texas Digital Library
Ima Oduok, Texas Digital Library
Kristi Park, Texas Digital Library
Andrew Reiter, Texas Digital Library
Nicholas Woodward, Texas Digital Library

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Resources

TDL Resources

- TDL DSpace 7 User Documentation
- DSpace 6 vs. 7 Comparison
- TDL DSpace 7 Demo Site

Lyris Resources

- DSpace 7 Documentation
- DSpace 7 End User Documentation
Creation of Communities

Click on the + sign, then ‘New’, then ‘Community’
Creation of Communities
Creation of Communities

Create a Community

Community logo

Drop a Community Logo to upload, or [browse]

Name *

Introductory text (HTML)

Short Description

Copyright text (HTML)

News (HTML)

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Creation of Communities

- There is an extra step to determine if this is a community or a sub-community for a different top level community. This does save a step.
- Difference is that you can drop the community logo or .jpeg into place.
- Metadata fields are same as DSPACE 6. HOWEVER, you can not assign Roles or Curate until After you Click Save.
- You must first create the community and then click the ‘edit’ icon in order to Assign Roles or Curate.
- BUT, from the edit button you can create/assign the policies for the entire community.
Creation of Collections

Click on the + sign, then ‘New’, then ‘Collection’
Creation of Collections
# Creation of Collections

## Create a Collection for Community Compare/Control test

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collection logo</td>
<td>Drop a Collection Logo to upload, or browse</td>
</tr>
<tr>
<td>Name</td>
<td></td>
</tr>
<tr>
<td>Introductory text (HTML)</td>
<td></td>
</tr>
<tr>
<td>Short Description</td>
<td></td>
</tr>
</tbody>
</table>

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Creation of Collections

- No Provenance field, but you do have an ‘Entity Type’ that has a drop down box. Choose from: Publication, Person, Project, OrgUnit, Journal, Journal Volume and Journal Issue

- Like Communities, you must first CREATE the collection before you can: Edit Metadata, Assign Roles, Content Source, Curate Authorizations, Item Mapper. Authorizations and Item Mapper are new.
Submission UI - deposit a single item (drag and drop)
Curation Tasks and Processes

Curation Tasks: Routine content operations. Replication Task Suite is most commonly used within TDL.

Processes: Allows Repository Administrators to run backend scripts/processes while monitoring their progress & completion.
# Processes

## Processes Overview

<table>
<thead>
<tr>
<th>Process ID</th>
<th>Name</th>
<th>User</th>
<th>Start time (UTC)</th>
<th>Finish time (UTC)</th>
<th>Status</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>metadata-import</td>
<td>Ima Oduok</td>
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<td>96</td>
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<td>2023-05-04 17:18:41</td>
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<td></td>
</tr>
</tbody>
</table>

**Start a new process**

List of repository processes and their status
Processes, cont.

Lightning Tutorial on Processes: [Video](from Atmire)

**Definitions of processes** (e.g.

filter-media = Perform the media filtering to extract full text from documents and to create thumbnails)
Technical Fun

New architecture

- Decoupled REST API backend and Angular frontend
- Independent Solr server for search, browse and statistics
- Built-in media viewer for audio/video files with support for captioning
- Optional IIIF Image support using Mirador viewer and Cantaloupe server
- Support for newer versions of Java, PostgreSQL, Tomcat, Solr, etc.
(More) Technical Fun

**Systems administration**

- Increased complexity in deploying new servers
  - Application server
  - Database
  - Web server
  - IIIF server
- Enhanced monitoring requirements
- New maintenance/update considerations