DSpace 4: TDL upgrades and new features

SEPTEMBER 30, 2014
Today’s agenda

- What to expect: “Out-of-the-box” changes to DSpace
  - End user changes
  - Administrative interface changes

- New possibilities: Optional features that require additional configuration

- TDL-hosted DSpace upgrades

- Resources and support
End user interface

- THEME IMPROVEMENTS
- NEW DISCOVERY TOOLS
- GOOGLE INDEXING ENHANCEMENTS
Responsive Theme

- Clean and modern
- Responsive (mobile device-friendly)

Mirage 2 Theme

Developed by: @MIRE
Faceted Searching and Browsing

- Search results broken up into categories
- Allows users to “drill down” or further restrict search.
Google Scholar Indexing

• DSpace 4 makes it easier for Google harvesters to find newly added content (by providing a “browse by dc.date.accessioned” view).

• DSpace 4 ensures that dc.date.issued field is set more accurately by requiring submitters to fill out the field manually.

• DSpace 4 makes it easier for Google Scholar to determine the primary file in an item. (by enhancing the logic behind the "citation_pdf_url" HTML <meta> tag)
Admin interface

- SUBMISSION WORKFLOW: NO MORE “INITIAL QUESTIONS”
- ABILITY TO REORDER BITSTREAMS
- NEW REPOSITORY STATISTICS
Item submission – no more “initial questions”
Reorder bitstreams

In items with multiple files (i.e. bitstreams), an administrator can reorder the files after submission.

1. Complete submission of item.
2. Navigate to Collection and Item just submitted.
3. “Edit this item” => “Item Bitstreams” tab
4. Use arrows on right side to reorder the files
### Pageview and Download Statistics

- Entire repository
- Community Level
- Collection Level
- Item Level

#### Statistics

**Total Visits**

<table>
<thead>
<tr>
<th>Community</th>
<th>Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSpace 4 Task Force Community</td>
<td>73</td>
</tr>
</tbody>
</table>

**Total Visits Per Month**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DSpace 4 Task Force Community</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>53</td>
<td>16</td>
</tr>
</tbody>
</table>

**Top country views**

<table>
<thead>
<tr>
<th>Country</th>
<th>Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>73</td>
</tr>
</tbody>
</table>

**Top cities views**

<table>
<thead>
<tr>
<th>City</th>
<th>Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dallas</td>
<td>31</td>
</tr>
<tr>
<td>Austin</td>
<td>25</td>
</tr>
<tr>
<td>Houston</td>
<td>12</td>
</tr>
<tr>
<td>Lubbock</td>
<td>5</td>
</tr>
</tbody>
</table>
Search Query Statistics

What search terms led users to your content?

- Overall
- In the previous year
- In the previous 6 months
- In the previous month

### Search Statistics for DSpace 4 Collection

#### Top Search Terms

<table>
<thead>
<tr>
<th>Search Term</th>
<th>Searches</th>
<th>% of Total</th>
<th>Pageviews / Search</th>
</tr>
</thead>
<tbody>
<tr>
<td>embargo</td>
<td>2</td>
<td>20.00%</td>
<td>2.50</td>
</tr>
<tr>
<td>cjk</td>
<td>1</td>
<td>10.00%</td>
<td>10.00</td>
</tr>
<tr>
<td>coho</td>
<td>1</td>
<td>10.00%</td>
<td>0.00</td>
</tr>
<tr>
<td>embargoed</td>
<td>1</td>
<td>10.00%</td>
<td>1.00</td>
</tr>
<tr>
<td>klamath</td>
<td>1</td>
<td>10.00%</td>
<td>0.00</td>
</tr>
<tr>
<td>plumas</td>
<td>1</td>
<td>10.00%</td>
<td>0.00</td>
</tr>
<tr>
<td>subject_keyword:a_Subject keywords in one clump to see about wrapping options in discovery</td>
<td>1</td>
<td>10.00%</td>
<td>0.00</td>
</tr>
<tr>
<td>temporarily</td>
<td>1</td>
<td>10.00%</td>
<td>0.00</td>
</tr>
<tr>
<td>tuesday</td>
<td>1</td>
<td>10.00%</td>
<td>0.00</td>
</tr>
</tbody>
</table>

#### Total

<table>
<thead>
<tr>
<th>Searches</th>
<th>% of Total</th>
<th>Pageviews / Search</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>100.00%</td>
<td>0.90</td>
</tr>
</tbody>
</table>
# Workflow Statistics

How many workflow steps have been completed?

- Overall
- In the previous year
- In the previous 6 months
- In the previous month

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Accept/Reject Step</td>
<td>41</td>
</tr>
<tr>
<td>2</td>
<td>Accept/Reject/Edit Metadata Step</td>
<td>40</td>
</tr>
<tr>
<td>3</td>
<td>Edit Metadata Step</td>
<td>40</td>
</tr>
<tr>
<td>4</td>
<td>Accept/Reject/Edit Metadata Step Pool</td>
<td>1</td>
</tr>
</tbody>
</table>
Optional Features

FEATURES IN DSPACE 4 NOT AVAILABLE BY DEFAULT
Optional features

- Embargo (simple and advanced)
- Interface translations
- Controlled vocabulary support
- Curation Task for Web Services
- Item-level versioning
- Request a Copy

To discuss or request any of these features, contact the TDL helpdesk: support@tdl.org.
Simple Embargo

Highlights

For submitters
- Item is restricted until a specific date
- Private setting overrides embargo release date
- Embargo applies to Anonymous (i.e. public) access group

Public access
- Items under embargo are searchable unless they are marked Private
- Items under embargo do not display simple item or full item metadata
- A user will see a prompt to log in to access an embargoed item
Simple Embargo—Submission

Item submission

Access Settings

Private item:
If selected, the item won’t be searchable

Private

Embargo

Embargo until specific date:
The first day from which access is allowed. Accepted format: yyyy, yyyy-mm, yyyy-mm-dd

2014-09-30

Embargo reason:
The reason for the embargo, typically for internal use only. Optional.

Journal article review requirement
Simple Embargo—Searchable

Search

Search: All of DSpace

pannonian

Showing 1 out of a total of 1 results. (0.002 seconds)

1

Typographical Deployments in the Pannonian Plains
Nonymous, A (2014-05-05)

Typographical deployments have been historically bypassed in favor of graphic memes. This thesis project reviews deployments in the Pannonian plains, with a special section addressing Hungarian lead type from collections near Győr....

1
Simple Embargo—Item Login Required

This item is restricted

You do not have the credentials to access the restricted item hdl:10673/51.

The selected item is access restricted and requires credentials to view. Please login to access the item.

Proceed to login screen
Advanced Embargo

SIMPLE EMBARGO

- Unable to specify group
- Only one group applies during submission: Anonymous
- Embargo release through date

ADVANCED EMBARGO

- Can create special embargo groups during submission
- Can use multiple groups for embargo
  - Useful to “layer” delayed access to specific people
- Embargo release through date or archive action in DSpace
Controlled Vocabulary Support

- Choose from controlled vocabulary list during submission only (not available when editing metadata)
- Click “Subject Categories” to open selection dialog
- Custom vocabularies defined in XML with a simple structure
- Swedish Research Subject Categories loaded by default
Localization Support
Interface translations
Curation Tasks for Web Services

*Provides the ability to look up and retrieve data from freely available APIs*

- Example: “ISSN Publisher Lookup”
  - If ISSN is included in metadata, retrieves name of publisher from Sherpa/Romeo and automatically populates that field in DSpace record

- Accessed via “Curation Tasks” link in right sidebar under “Administrative” or in “Edit Item”
Item Level Versioning

Create a new version of an item & maintain a viewable version history
Creating a new version

1. From Item view, select “Create version of this item.”

2. Give a reason for creating the new version (viewable in version history) and click “version.”

A new item is created in the Submissions workflow.

3. Find the item in the Submissions workflow and complete the submission.
### Version History

<table>
<thead>
<tr>
<th>Version</th>
<th>Item</th>
<th>Editor</th>
<th>Date</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>123456789/1723*</td>
<td>Student 3</td>
<td>2014-07-17T18:52:44Z</td>
<td>Test.</td>
</tr>
<tr>
<td>1</td>
<td>123456789/1723.1</td>
<td>Student 3</td>
<td>2014-07-17T18:50:47Z</td>
<td></td>
</tr>
</tbody>
</table>

*Selected version
Request a Copy

• Gives users the ability to request access to restricted content.
• Contacts the ORIGINAL SUBMITTER.
Request a Copy, cont.

- Request form asks for requester information.
- Request goes to original submitter of the item.
Request a Copy, cont.

- Original submitter can fulfill or deny the request.
Request a Copy, cont.

- An email communicating the decision is sent to the requester.
Let’s review...

DEFAULT TDL-HOSTED DSPACE 4 FEATURES

- Responsive Mirage 2 Theme
- Faceted Search/Browse
- Google Scholar enhancements
- Reordering bitstreams
- Search Query and Workflow statistics

OPTIONAL FEATURES

- Embargo functionality
- Interface translations
- Controlled vocabulary support
- Curation Task for Web Services
- Item-level versioning
- Request a Copy feature

*Remember:* To discuss or request any of the above features, contact the TDL helpdesk: support@tdl.org.
For further testing

TDL SITES FOR TESTING

https://dspace41-demo.tdl.org/demo-ir/
- Simple embargo
- Interface translations
- Controlled vocab (Subject keywords)

https://dspace41-test.tdl.org/
- Advanced embargo
- Interface translations
- Controlled vocab support (LCSH and Keywords)
- Request a copy
- Curation Task for Web Services (ISBN lookup)
- Item-level versioning

To log in to TDL testing sites, use:
tdl.student1@gmail.com | tdlstudent

DSpace DEMO SITE

http://demo.dspace.org/xmlui/
- Simple embargo
TDL Upgrades

- Timing
- Communication
- Theming
Resources

TDL Helpdesk:
support@tdl.org
http://www.tdl.org/support/helpdesk/
1-855-49504317

DSpace Documentation: https://wiki.duraspace.org/display/DSDOC4x/DSpace+4.x+Documentation
TDL DSpace 4 Task Force

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- Kristi Park, TDL
- Ryan Steans, TDL