2020-05-07 DSpace 7 Working Group Meeting

Date
07 May 2020 from 14:00-15:00 UTC

Location: https://lyrasis.zoom.us/my/dspace (Meeting ID: 502 527 3040).

* More connection options available at DSpace Meeting Room

Agenda

- (15 mins) Developer Stand Up - Developers give brief updates on their effort (or their team's effort).
  - Update/see "Current Work" section below based on your status. Please feel free to update prior to meeting.
  - Please highlight any new work (needing reviews/testing), any blockers (for you), and any discussion topics you may have.
- (25 mins) General Discussion Topics
  1. (REST) (beta 3) Subresources should obey access restrictions https://github.com/DSpace/DSpace/pull/2726
  2. Restricted endpoints are sometimes the only HAL link path to public endpoints (DS-4495 - Getting issue details... status)
     a. Some endpoints don't allow you to GET them, but do have publicly accessible child endpoints (e.g. registrations, resourcepolicies, …). To get to those child endpoints the UI can't discover them because the parent endpoint returns a 4xx status code. We should consider a way to prevent a regular response but allow retrieving the HAL links
  3. Finalize / approve the initial list of all authorization features which we should implement for the /api/authz/features REST endpoint. This list of features should be limited to *only features which are required to enable/disable User Interface functionality.* (In other words, we can always add more features in the future. We just need to approve the list necessary for 7.0)
     a. Review current spreadsheet (from Andrea Bollini (4Science) ) : https://docs.google.com/spreadsheets/d/1182LcD_WqjZPbUGWpLTbWe0aO3MR9jhbOVB7GZqtTp9A/edit?usp=sharing
  4. Topics waiting on more information (will not be discussed until additional information is available)
     a. (WAITING ON PROPOSAL FROM 4SCIENCE BEFORE CAN BE DISCUSSED) Revisiting "Collection dropdown in submission" issues (how should we address these? Beta 3 has several other submission tickets, should we include work on these?)
        i. Known performance issues: https://github.com/DSpace/dspace-angular/issues/487 (NOTE: These are still reproducible on the demo site. If you load a new submission, there's a 4-5 second pause before the page becomes usable)
        ii. Changing Collection doesn't work when new collection has a different form definition: https://github.com/DSpace/dspace-angular/issues/621
           1. If I recall correctly, Collection item templates also are not working right in this scenario.
           2. And I don't recall whether previously entered metadata gets saved or cleared out when collections have different metadata requirements.
           3. Since it's possible to start a new submission via a default Collection, this increases the likelihood of encountering these issues (if the deposit starts in the wrong collection).
        iii. somehow related to this discussion Creation of DSpace Entities
     b. (WAITING ON TIM TO FINALIZE DISCUSSION QUESTIONS) Replacing BTE with Live Import in 7.x:
        i. BTE framework was deprecated in 6.0, with Live Import framework selected as the replacement.
        ii. "Metadata Suggestions" PR (https://github.com/DSpace/DSpace/pull/2712) seems to extend Live Import functionality (from how it existed in 6.x). If this is accurate, we should track it separately so that it can have estimates & scheduling specific to it.
        iii. Is there a more simplistic implementation of Live Import that can be used to swap out BTE more directly? That would be the easiest route towards a quick swap, and then we could follow that up with additional PRs to add/enhance functionality of Live Import to better align with existing features in BTE.
5. (Feel free to add other topics)
- (20 mins) Planning for next week
- Claim tasks for next week from DSpace 7 Release Plan spreadsheet
- Assigning PRs for Review

Attendees
- Art Lowel (Atmire)
- Andrea Bollini (4Science)
- Tim Donohue
- Lieven Droogmans
- Giuseppe Digilio (4Science)
- Ben Bosman
- Chris Wiper
- Paulo Graça

7.0 Release Goals
These resources define the prioritization and general schedule we are working towards
- DSpace 7 Release Goals: overview of goals/timelines & beta release process
- DSpace 7 Release Plan spreadsheet: our planning spreadsheet which details which features are scheduled for each Beta release.

Current Work

Legend for status icons

- ★ = Highest Priority tasks (please prioritize these reviews/tasks over others).
- ✗ = review done, changes were requested or bugs found.
- ✔️ = review done, approved.
- ! = review done, merge conflict or other minor changes requests
- 1 APPROVAL = pull request only requires a single approval to merge. This is generally reserved for PRs which are either smaller, obvious, and/or bug fixes with tests to prove they work.

Claim a Ticket!
If you do not have access in JIRA or GitHub to officially claim the ticket you wish to work on, contact Tim Donohue

- Available Angular UI Tickets
  - Open issues in 7.0beta2 milestone (highest priority)
  - Open issues in 7.0beta3 milestone (second highest priority)
  - Open issues flagged as "Difficulty: low". These may be a good starting point for newer developers.
- Available REST API Tickets
  - Unassigned tickets scheduled for 7.0beta2 (highest priority)
  - Unassigned tickets scheduled for 7.0beta3 (second highest priority)
  - General REST API tickets flagged as "low hanging fruit". These may be a good starting point for newer developers.
  - General REST API unassigned bug tickets. Again, might be a good starting point for newer developers.

PRs Needing Review
1. (REST Contract) (low priority) related to the scripts & processes PR above (related to PR 2648 below) https://github.com/DSpace/Rest7Contract/pull/99 (NEEDS UPDATES FROM Kevin Van de Velde (Atmire)) (Andrea Bollini (4Science) - REVIEWED, Tim Donohue)
2. (REST Contract) Language support on the backend (possible new cookie for Angular?) https://github.com/DSpace/Rest7Contract/pull/122 (WAITING ON ANDREA BOLLINI (4SCIENCE)) (Tim Donohue, Ben Bosman, Art Lowel (Atmire))
3. (REST) (low priority) (beta4) Scripts & processes: importing and exporting csv’s https://github.com/DSpace/DSpace/pull/2648 (NEEDS TICKET / DISCUSSION) (Andrea Bollini (4Science) - REVIEWED, Tim Donohue - added summary of way forward Mark H. Wood)
4. (REST) (tentative 7.1) [DS-4281]: Metadata suggestions in the live import https://github.com/DSpace/DSpace/pull/2712 (NEEDS TICKET / DISCUSSION) (Andrea Bollini (4Science), Craig Rosenbeck - I believe this is a new feature? We should add this to the spreadsheet, Andrea Bollini (4Science), agree with Tim it is a new feature so postpone compared to existing features)
5. (REST) (beta 3) Subresources should obey access restrictions https://github.com/DSpace/DSpace/pull/2726 (Tim Donohue - REVIEWED, Andrea Bollini (4Science) - New feedback added)
6. (REST) (beta 3) Administer Workflow (Abort WorkflowItem, Delete WorkflowItem) https://github.com/DSpace/DSpace/pull/2727 (Tim Donohue - REVIEWED, Andrea Bollini (4Science) - REREVIEW TODAY)
7. (REST) Configurable whitelist for "Access-Control-Allow-Origin" header: https://github.com/DSpace/DSpace/pull/2735 (WAITING ON Tim Donohue) (Ben Bosman, Giuseppe Digilio (4Science))
8. (REST) Profile management https://github.com/DSpace/DSpace/pull/2747 (Tim Donohue - REVIEW BY MAY 7, Andrea Bollini (4Science) - REVIEW BY MAY 7)
9. (REST) Assume login feature https://github.com/DSpace/DSpace/pull/2740 (Ben Bosman, Tim Donohue - REVIEW BY MAY 7, Andrea Bollini (4Science) - REVIEW BY MAY 7)
10. (REST) Controlled vocabulary (TALK NEXT WEEK ONCE WE HAVE A BUG TICKET FROM ATMIRE) Mykhaylo Boychuk https://github.com/DSpace/DSpace/pull/2743 (REST Contract #120) (Tim Donohue, Kevin Van de Velde (Atmire))
11. (Angular) (beta 3) Edit resource policies https://github.com/DSpace/dspace-angular/pull/645 (Tim Donohue, Art Lowel (Atmire)) - Feedback added, Julian Timal (eScire)
12. (Angular) (beta 3) Account profile management https://github.com/DSpace/dspace-angular/pull/650 (Tim Donohue, Julian Timal (eScire))
13. (Angular) (beta 3) Controlled vocabulary https://github.com/DSpace/dspace-angular/pull/636 (Tim Donohue, Giuseppe Digilio (4Science), Craig Rosenbeck)
14. (Angular) (EARLY beta3) Switch to Angular CLI https://github.com/DSpace/dspace-angular/pull/625 (Tim Donohue - REVIEW BY MAY 7, Giuseppe Digilio (4Science), Craig Rosenbeck)
15. (Angular) Alternative links https://github.com/DSpace/dspace-angular/pull/656 (Giuseppe Digilio (4Science), Tim Donohue)
16. (Angular) Login as EPerson https://github.com/DSpace/dspace-angular/issues/653 (Tim Donohue - REREVIEW BY MAY 7, Giuseppe Digilio (4Science) - REVIEW BY MAY 7, Julian Timal (eScire))
17. (Backend) (low priority) DS-626 : Exchange usage data with IRUS https://github.com/DSpace/DSpace/pull/2664 (Craig Rosenbeck, NEEDS SECOND REVIEWER)
18. (Backend) (low priority) (tentative 7.2) DS-4440 GDPR - Anonymize Statistics Feature: https://github.com/DSpace/DSpace/pull/2692 (Andrea Bollini (4Science), Ben Bosman, Tim Donohue)

PRs Coming Soon / On Hold

1. (beta 3) REST Language Support on the backend Mykhaylo Boychuk ETA 17 or 20 April
2. (PR from Kevin coming?) Support Community or Collection Admins adding/managing Community/Collection Groups. See and this early brainstorm REST Contract PR

PRs Merged this week!

1. (Backend / Security) Upgrade Spring Boot, Spring & Spring HATEOAS: https://github.com/DSpace/DSpace/pull/2720

Blocked

1. (Blocked PRs go here)

Delayed / Needs Discussion

1. Initial Performance Testing from Chris. Needs revisiting / retesting prior to 7.0.
   a. These performance tests were run prior to the work on "projections" (to limit the data returned by the REST API). Therefore, it is likely performance is much improved, but needs verification testing.
2. (REST Contract) Edit Homepage News: https://github.com/DSpace/Rest7Contract/pull/45
   a. Delayed. General agreement (in meeting on March 21, 2019) that storing HTML in metadata fields is not really ideal behavior. Metadata (from a librarian standpoint) tends to be free of format-related markup (as that allows for easier sharing, understanding of metadata. Currently Community & Collection homepage information is HTML-based and is stored in metadata that is appropriate for a minor subset of information (like the title) but it is better to move large/rich text to bitstreams.
   b. Proposal here is to consider storing HTML-based markup (for Site, Community & Collection homepages) in Bitstream(s) associated with the object in question. May allow for more CMS-lite behavior in the future
   c. Timeline for this is uncertain. Possibly in 7 or 8. May depend on how/whether it can be scoped.

Notes