2020-04-16 DSpace 7 Working Group Meeting

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* 7.0 Release Goals
* Current Work
  * Claim a Ticket!
  * PRs Needing Review
  * PRs Coming Soon
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Date

16 Apr 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

Beta 2 Finish Sprint (Extended) : April 13-17

- Finish up Beta 2 tasks & release 7.0beta2
- Additional work on Beta3 tasks

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. [April 23 Check-in as needed] (REST) (beta 3) Subresources should obey access restrictions https://github.com/DSpace/DSpace/pull/2726
  2. Release of beta2
  3. Edit Community/Collection Groups - Add users or groups to Community/Collection Groups as a Community or Collection Admin (Ben Bosman)
     a. In order to add users to a group, a community admin needs permissions to search all epeople, view all epeople
     b. Similar for adding groups
     c. Similar for viewing the current members of the group
  4. NEXT WEEK: LIVE IMPORT & METADATA SUGGESTIONS
  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
- Mark H. Wood
- 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 requested

1 APPROVAL = pull request only requires a single approval to merge. This is generally reserved for PRs which are either smaller, obvious, and

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) related to the scripts & processes PR above (related to PR 2648 below) https://github.com/DSpace/Rest7Contract/pull/99 (NEEDS UPDATES FROM KEVIN) (Andrea Bollini (4Science), REVIEWED, Tim Donohue)
2. (REST Contract) Remove unnecessary exception in license PATCH https://github.com/DSpace/Rest7Contract/pull/118 (NEEDS REREVIEW FROM BEN) Andrea Bollini (4Science), Tim Donohue
4. (NEW) (REST Contract) Language support on the backend (possible new cookie for Angular?) https://github.com/DSpace/Rest7Contract/pull/122 (Tim Donohue, Ben Bosman, Art Lowel (Atmire))
5. (REST) (beta4) Scripts & processes: importing and exporting csv's https://github.com/DSpace/DSpace/pull/2648 (WAITING ON PR UPDATES FROM KEVIN) (Andrea Bollini (4Science), REVIEWED, Tim Donohue - added summary of way forward Mark H. Wood)
6. (REST) (tentative 7.1) [DS-4281]: Metadata suggestions in the live import https://github.com/DSpace/DSpace/pull/2712 (NEEDS TICKET??) (Tim Donohue, Andrea Bollini (4Science), agree with Tim it is a new feature so postpone compared to existing features)
7. (HIGH PRIORITY) (REST) (beta 2) Edit Community/Collection - Assign Roles/Groups https://github.com/DSpace/DSpace/pull/2722 (Tim Donohue, Andrea Bollini (4Science) - Feedback added, Andrea Bollini (4Science) - implementation approach need discussion)
8. (REST) (beta 3) Subresources should obey access restrictions https://github.com/DSpace/DSpace/pull/2726 (Tim Donohue - New feedback added, Andrea Bollini (4Science) - implementation approach need discussion)
9. (REST) (beta 3) Administer Workflow (Abort WorkflowItem, Delete WorkflowItem) https://github.com/DSpace/DSpace/pull/2727 (Ben's team is checking out if this can be changed per Andrea's suggestions) (Tim Donohue - feedback added, approach seems fine though, Andrea Bollini (4Science) - implementation approach need discussion)
11. (NEW) (REST) (beta 3) Account profile management https://github.com/DSpace/DSpace/pull/2747 (Tim Donohue, Andrea Bollini (4Science))
12. (REST) Assume login feature https://github.com/DSpace/DSpace/pull/2740 (Ben Bosman, Tim Donohue - Feedback added, Andrea Bollini (4Science) - Feedback added)
13. (NEW) (REST) (beta 3) Controlled vocabulary https://github.com/DSpace/DSpace/pull/2743 (REST Contract #120) (Tim Donohue, NEEDS SECOND REVIEWER)
14. (⭐) (Angular) (beta2) Edit Community - Assign Roles/Groups https://github.com/DSpace/dspace-angular/pull/632 (Can be merged when REST PR#2722 is merged) (Tim Donohue - minor usability issue, Art Lowel (Atmire))
   a. Depends on REST PR #2722 (see above).
15. (⭐) (Angular) (beta2) Edit Collection - Assign Roles/Groups https://github.com/DSpace/dspace-angular/pull/643 (Can be merged when REST PR#2722 is merged) (Tim Donohue, Art Lowel (Atmire))
   a. Depends on REST PR #2722 (see above).
16. (Angular) (beta 3) Edit resource policies https://github.com/DSpace/dspace-angular/pull/645 (Tim Donohue, Art Lowel (Atmire), Julian Timal (eScire))
17. (Angular) (beta 3) Administer Workflow https://github.com/DSpace/dspace-angular/pull/650 (Tim Donohue, Julian Timal (eScire))
   a. Depends on REST PR #2727 (see above), NEEDS FEEDBACK ON #2727
18. (Angular) (beta3) Scripts & Processes Admin UI https://github.com/DSpace/dspace-angular/pull/656 (Tim Donohue, Giuseppe Digilio (4Science), Craig Rosenbeck)
   a. Depends on REST PR #2648
19. (⭐) (Angular) (EARLY beta3) Switch to Angular CLI https://github.com/DSpace/dspace-angular/pull/625 (Tim Donohue, Giuseppe Digilio (4Science), Tim Donohue)
20. (NEW) (Angular) Alternative links https://github.com/DSpace/dspace-angular/pull/652 (Giuseppe Digilio (4Science), Tim Donohue)
21. (NEW) (Angular) Login as EPerson  
   https://github.com/DSpace/dspace-angular/issues/653 (Tim Donohue, Giuseppe Digilio (4Science), Julian Timal (eScire))
   a. NEW TICKET FROM ART TO DESCRIBE CACHING OF HTML ISSUES
   b. DEPENDS ON REST PR #2740
22. (Backend) DS-626: Exchange usage data with IRUS  
   https://github.com/DSpace/dspace/pull/2664 (Craig Rosenbeck, NEEDS SECOND REVIEWER)
23. (Backend) (tentative 7.2) DS-4440 GDPR - Anonymize Statistics Feature: 
   https://github.com/DSpace/dspace/pull/2692 (Andrea Bollini (4Science), Ben Bosman, Tim Donohue)
24. (Backend / Security) (EARLY beta3) Upgrade Spring Boot, Spring & Spring HATEOAS: 
   https://github.com/DSpace/dspace/pull/2720 (Andrea Bollini (4Science) - REVIEW BY APRIL 23, Craig Rosenbeck)
25. (NEEDS TO BE A MEETING TOPIC) NOT a PR but a ticket with initial list of needed authority features Andrea Bollini (4Science) spreadsheet

**PRs Coming Soon**

1. (beta 3) REST Language Support on the backed Mykhaylo Boychuk ETA 17 or 20 April

**PRs Merged this week!**

1. 🌟 (REST) (beta 2) REST API should respect "metadata.hide" configurations  
   https://github.com/DSpace/dspace/pull/2719
2. 🌟 (REST) beta2 Authorization as someone with admin right IT:  
   https://github.com/DSpace/dspace/pull/2736
3. 🌟 (Angular) Request By UUID bugfix  
   https://github.com/DSpace/dspace-angular/pull/648 (Tim Donohue, Giuseppe Digilio (4Science))

**Blocked**

1. (Blocked PRs go here)

**Delayed / Needs Discussion**

1. Managing Authorization info in Angular UI: How to pass Authorization rights (i.e. logged in user's access rights) from REST API to Angular? See for example:  
   https://github.com/DSpace/dspace-angular/issues/393
   a. In July 25 meeting, we noted this probably cannot be resolved with just one simple solution. May need to look at different options for different scenarios
   b. Work is ongoing, but has been started in these areas:
      i. Summary of ideas: REST Authorization
      ii. Contract for Authorization Endpoints: https://github.com/DSpace/Rest7Contract/pull/92
2. Initial Performance Testing from Chris.
3. (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.
4. 🚨 (Angular Bug) https://github.com/DSpace/dspace-angular/issues/368 (Art Lowel (Atmire)).
5. Concurrency in DSpace 7 (or 8). What do we want to do when multiple editors are editing the same object? Needs further analysis regarding implementation details
   a. We’ve decided (in meeting on March 7, 2019) to use ETags to implement concurrency. REST Contract notes on ETags: https://github.com/DSpace/Rest7Contract#etags--conditional-headers
   b. ETags only update of the two fields match. If someone edits first, your edit would fail and you would get a fail response (422?)
   c. ETags seems to have broader support in other REST APIs. Recommended also by both Art and Andrea.

**Notes**