2020-02-20 DSpace 7 Working Group Meeting

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  • Claim a Ticket!
  • PRs Needing Review
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Date
20 Feb 2020 from 15:00-16:00 UTC

Location: https://lyrasis.zoom.us/my/dspace (Meeting ID: 502 527 3040).
  • More connection options available at DSpace Meeting Room

Beta 1 & 2 Sprint : Feb 17-28
  • Finish Beta1 tasks in DSpace 7 Release Plan spreadsheet. Goal is to have Beta1 released week of Feb 24.
  • Continuing work on Beta2 tasks (especially those with many dependencies)

Agenda

• (15 mins) Developer Stand Up - Developers give brief updates on their effort (or their team's effort).
  • 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. (If further discussion is needed) Revisiting Scripts & Processes endpoint PR#2648: Tim has concerns about usage of Bitstreams for temporary files (like uploaded CSVs, SAF Zips, AIPs, etc)
    a. See also last week's discussion notes
• (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 Wilper
• 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
## PRs Needing Review

1. (REST) (beta2) Select specific embeds (depends on PR#2625): [GitHub link] (Tim Donohue, Ben Bosman)
2. (REST) (beta 2 but dependencies) Workflow step definitions [GitHub link] (Ben Bosman - REREVIEW BY FEB 27, Tim Donohue - REVIEW BY FEB 27, Andrea Bollini (4Science) - REREVIEW BY FEB 27)
3. (REST) Scripts & processes: importing and exporting csv's [GitHub link] (Andrea Bollini (4Science) - REVIEW ED, Tim Donohue - REVIEW Comments, Mark H. Wood)
4. (REST Contract) related to the scripts & processes PR above [GitHub link] (Andrea Bollini (4Science) - REVIEWED, Tim Donohue)
5. (REST) Shibboleth authentication [GitHub link] (Paulo Graça - REREVIEW, Ben Bosman - REREVIEW)
6. (REST) Edit Item - Manage Bitstreams [GitHub link] (Tim Donohue)
7. (REST) DS-4428 missing parameter exception [GitHub link] (Tim Donohue)
8. (REST) DS-4418 remove uuid from resource policy rest [GitHub link] (Tim Donohue - questions added) (Possibly one approval)
9. (NEW) (REST) initial implementation of the authorizations endpoints [GitHub link] (Tim Donohue - REVIEW by FEB 27 (if possible), Tim Donohue - REVIEW by FEB 27)
10. (NEW) (REST) Breadcrumbs in header [GitHub link] (Tim Donohue)
11. (NEW) (REST) Read only versioning endpoints [GitHub link] (Tim Donohue)
12. (REST) Workflow step definitions: action validation (depends on #2646 above) [GitHub link] (Tim Donohue, Ben Bosman, Andrea Bollini (4Science))
13. (Angular) Shibboleth authentication (merge with REST PR #2651) [GitHub link] (Paulo Graça, Ben Bosman)
14. (Angular) (beta 2) Edit Item Bitstreams Tab (depends on #578) [GitHub link] (Tim Donohue, Giuseppe Digilio (4Science))
15. (Angular) (beta 1) Only resolve links when needed (Performance improvement work) [GitHub link] (Tim Donohue, Giuseppe Digilio (4Science) - REVIEW ASAP, Paulo Graça - REVIEW ASAP)
16. (Angular) (beta 1) Angular 8 Upgrade [GitHub link] (Tim Donohue, Giuseppe Digilio (4Science) - REVIEW ASAP, Paulo Graça - REVIEW ASAP)
17. (NEW) (Angular) Fix angularicis router bug [GitHub link] (Tim Donohue, Paulo Graça)
18. (Backend) Fix errorprone test warnings after Java 11 upgrade [GitHub link] (Mark H. Wood)
19. (NEW) (Backend) DS-626 : Exchange usage data with IRUS [GitHub link] (NEEDS REVIEWERS)
20. (NEW) (Backend) DS-4434: Fix Context.commit() / isValid() and add Tests [GitHub link] (Mark H. Wood - MERGE says Andrea)

## PRs coming before next meeting (that like to receive reviewers assignment)

1. (High priority because of dependencies) Create Integration Tests to prove access restricted Items cannot be accessed anonymously ETA feb 21 [GitHub link] (Tim Donohue, Ben Bosman if needed)
2. Create Integration Tests to prove access restricted Bitstreams cannot be accessed anonymously ETA Feb 21

   DS-4124 - Getting issue details... STATUS : 1 APPROVAL (Tim Donohue, Ben Bosman if needed)

3. Submitters can edit all metadata ETA Feb 24

   DS-4278 - Getting issue details... STATUS : - (Tim Donohue, Ben Bosman)

4. (REST) (beta 2 - has upcoming dependencies) Manage Groups - ETA Feb 21 - DS-4026 (Tim Donohue, Andrea Bollini (4Science) if needed)

5. (Angular) (beta 2) Specify embeds - ETA Feb 21 - 1 APPROVAL (Tim Donohue)

6. (Angular) (beta 2) List versions - ETA Feb 21 - (Tim Donohue, NEEDS SECOND REVIEWER)

7. ★ (Angular) (beta 1) Breadcrumbs - ETA Feb 26 - (Tim Donohue, Giuseppe Digilio (4Science))

PRs Merged this week!

1. ✅ (REST Contract) Group and eperson management: https://github.com/DSpace/Rest7Contract/pull/41
2. ✅ (REST) DS-4389 improving patch system framework Part 1 https://github.com/DSpace/DSpace/pull/2591
3. ✅ (REST) Projections continued https://github.com/DSpace/DSpace/pull/2625
4. ✅ (REST) Collection item template updates https://github.com/DSpace/DSpace/pull/2656
5. ✅ (Backend) Java 11 upgrade and Replace JMockit with Mockito: https://github.com/DSpace/DSpace/pull/2654
6. ✅ (Backend) URL configuration refactor (new "dspace.server.url" and "dspace.ui.url"): https://github.com/DSpace/DSpace/pull/2657
7. ✅ (Angular) Minor Docker fixes for JDK11 & URL config changes (required by PR#2654 and PR#2657 after their merger): https://github.com/DSpace/dspace-angular/pull/574

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. REST API Projections:
   a. Work begun in https://github.com/DSpace/DSpace/pull/2547 (by Chris Wilper)
      i. Based on detail discussions in our Oct 17 meeting.
   b. (Outdated) Early work begun at https://github.com/DSpace/DSpace/pull/1847. Discussed in more detail in our Aug 22 meeting. Overall, this approach seems like a good direction, need volunteers to move it forward.
   c. https://github.com/DSpace/Rest7Contract/issues/2 (discussion resumed by Andrea Bollini (4Science) could be relevant for the projection)
3. Initial Performance Testing from Chris.
   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.
6. 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