2019-02-28 DSpace 7 Working Group Meeting

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    - Tickets / PRs In Progress
    - PRs Needing Review
    - PRs Merged this week!
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    - Delayed / Needs Discussion
- Priorities for Preview Release
- Notes

Date

28 Feb 2019 from 15:00-16:00 UTC

Location: https://duraspace.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.
- (30 mins) General Discussion Topics
    1. Deletion of EPersons in DSpace (required for GDPR compliance) - Pascal-Nicolas Becker
        a. https://github.com/DSpace/DSpace/pull/2229. NOTE: item.getSubmitter() will return `null` if EPerson deleted.
        b. Some have expressed past concerns about setting EPerson to null, and have favored a "ghost user" approach. For full discussion background see this DS-4036 ticket comment.
        c. How can we move this forward for DSpace 7? We need to decide on a final approach.
    2. (*tentative?*) Concurrency in DSpace 7 (or 8). What do we want to do when multiple editors are editing the same object?
        a. REST Contract notes on ETags: https://github.com/DSpace/Rest7Contract#etags--conditional-headers
        b. REST PATCH method also defines a "test" operation: https://tools.ietf.org/html/rfc6902#section-4.6 , however we do not yet support it in the REST API
    3. (*add a discussion topic*)
- (15 mins) Planning for next week
    - Assigning PRs for Review
    - Next tasks from Development Planning Spreadsheet

Attendees

- Art Lowel (Atmire)
- Andrea Bollini (4Science)
- Tim Donohue
- Heather Greer Klein
- Lieven Droogmans
- Mark H. Wood
- Giuseppe Digilio (4Science)
- Ben Bosman
- Pascal-Nicolas Becker
- Chris Wilper
- Terrence W Brady
- Pablo Prieto
- Paulo Graça

Current Work

Legend for status icons
blocked URL = review done (this week), changes were requested.
blocked URL = review done, approved.
⚠️ = review done, merge conflict or other minor changes requests

Tickets / PRs In Progress

1. (Angular) Context sensitive admin menus (Art Lowel (Atmire)) (work in progress) *(Timeline: Should be ready by March 7)*
2. (Angular) Adding Accessibility via Travis CI https://github.com/DSpace/dspace-angular/pull/356 (work in progress) (*Lower priority*)
3. (Angular) MyDSpace UI (work in progress) *(Timeline: ~~Should be ready by Feb 28,~~ delayed 5th March need to run against the updated MyDSpace REST API PR)*
4. (REST Contract) Edit Homepage news: https://github.com/DSpace/Rest7Contract/pull/45 (Additional input has been included, requires new review from Tim Donohue & Andrea Bollini (4Science)) (*Lower priority*)
5. (REST) MyDSpace Endpoint (Andrea Bollini (4Science) - **EARLY Reviews Needed. Reviewers:** Ben Bosman , Tim Donohue (IT missings - previous Discover IT fixed) on the 4Science repo against the 2312 PR https://github.com/4Science/DSpace/pull/65 *(Timeline: ~~Should be ready by Feb 28~~, delayed, ITs ready by the end of week 3rd March)*
6. (REST) Updating Owning Collections: https://github.com/DSpace/DSpace/pull/2283 (Kevin Van de Velde (Atmire) - changes requested. Implementation doesn't align with contract) *(Timeline: Should be ready a week after the entities are merged)*
7. (REST) Item Mapper functionality: https://github.com/DSpace/DSpace/pull/2282 (Kevin Van de Velde (Atmire) - changes requested. Implementation doesn't align with contract) *(Timeline: Should be ready a week after the entities are merged)*
8. (Backend) One Webapp Backend - Initial PR: https://github.com/DSpace/DSpace/pull/2265 (Tim Donohue) (*work in progress*)

PRs Needing Review

1. blocked URL (REST Contract) Group and eperson management: https://github.com/DSpace/Rest7Contract/pull/41 (**UPDATED PR** - Re-reviews needed from Andrea Bollini (4Science) , Tim Donohue)
2. ✅ (REST Contract) Endpoint for EPerson profile PATCH requests: https://github.com/DSpace/Rest7Contract/pull/49 (**UPDATED PR** - Andrea Bollini (4Science) approved, Paulo Graça - approved)
3. (REST Contract) Fix examples for metadata-as-map https://github.com/DSpace/Rest7Contract/pull/53 (Paulo Graça, Tim Donohue)
4. ✅ (REST Contract) Metadata PATCH support: https://github.com/DSpace/Rest7Contract/pull/46 (Tim Donohue - approved , Paulo Graça - approved and Andrea Bollini (4Science))
5. (REST) Metadata PATCH support: https://github.com/DSpace/DSpace/pull/2313 (Paulo Graça , Tim Donohue - implementation ready for review, pending final approval of contract PR above)
6. blocked URL (REST) Workflow Endpoint: https://github.com/DSpace/DSpace/pull/2312 (Tim Donohue , Ben Bosman Re-reviewed and additional feedback added.)
7. (Angular) Submission implementation: https://github.com/DSpace/dspace-angular/pull/279 (Art Lowel (Atmire) , Paulo Graça - reviewing, Tim Donohue *all received suggestion applied, ready to be merged after approval*)
8. (Angular) Administrative Item Edit: https://github.com/DSpace/dspace-angular/pull/362 (Paulo Graça - minor changes requested, Tim Donohue)
9. blocked URL (Angular) Browse by date and Starts-With component: https://github.com/DSpace/dspace-angular/pull/364 (Paulo Graça - approved, Tim Donohue - minor changes requested)
10. (Backend) Upgrading Solr Server for DSpace - Initial PR: https://github.com/DSpace/DSpace/pull/2058 (Terrence W Brady , Kim Shepherd , Art Lowel (Atmire))
    a. Might have an impact on MyDSpace PR (See "In Progress" section)?

PRs Merged this week!

1. blocked URL (REST) Metadata as a Map: https://github.com/DSpace/DSpace/pull/2287
2. blocked URL(Angular) Metadata as a Map: https://github.com/DSpace/dspace-angular/pull/347
3. blocked URL (Angular) Modifying Metadata Registries: https://github.com/DSpace/dspace-angular/pull/355

BLOCKED

1. (REST) EPerson profile PATCH functionality : https://github.com/DSpace/DSpace/pull/2257
    a. Blocked by Contract #49
2. (Angular) Move Item Component: https://github.com/DSpace/dspace-angular/pull/335
    a. Blocked by DSpace PR#2283
3. (Angular) Item-Collection Mapper: https://github.com/DSpace/dspace-angular/pull/348
    a. Blocked by DSpace PR#2282

Delayed / Needs Discussion

1. (REST) Scripts & Processes endpoint: https://github.com/DSpace/Rest7Contract/pull/17
2. Discussion of deletion of EPeople for GDPR compliance (from Pascal)
    a. https://github.com/DSpace/DSpace/pull/2229. NOTE: item.getSubmitter() will return null if EPerson deleted.

Priorities for Preview Release

As discussed in previous DSpace 7 meetings, our DSpace 7 Preview release is aimed for **end of March**, followed by a Beta in May (before OR2019). The top priorities for the Preview Release are (in this order):

1. Submission & Workflow UI / backend
2. Configurable Entities (from DSpace 7 Entities Working Group (2018-19))
3. Upgrading Solr Server for DSpace (*not required for Preview, as there's no user facing features. However, the earlier we feel comfortable merging this effort the better*)

Notes

- Discussion topics
  - Discussion of deletion of EPeople for GDPR compliance (from Pascal): https://github.com/DSpace/DSpace/pull/2229. NOTE: item.getSubmitter() will return null if EPerson deleted.
    - Consensus that there's only two viable approaches... Either we delete the EPerson entirely (see Pascal's PR), or we use a "ghost user" approach (a special user account which is linked to Items where submitter/Eperson was deleted)
    - Lieven notes concerns about not catching all the possible NullPointerExpections if we delete EPerson entirely. We have some tests, but we aren't sure we have all scenarios tested.
    - Pascal notes that it would be a community/team effort to find & fix any that are not already fixed
    - Tim notes our new test driven development processes should help us to find these issues more quickly. Community Testathon can clean up the rest.
    - Andrea notes if we go with delete Eperson approach, we should add integration tests to REST API and Angular to check for possible problems (especially around null submitter)
      - Tim volunteers to help with Integration Tests on REST API
      - We'd likely need more help on Angular side integration tests
    - Tim is concerned with "ghost user" approach, as it'd be a specialized EPerson account that would need to be treated differently than all other EPersons. Unclear how much effort that would be, and whether that causes additional complications.
    - **Not** a clear consensus on whether we want to delete EPerson or use "ghost user" – different individuals favor different approaches. However, there's no strong objections to either approach from anyone – just personal concerns expressed.
    - **FINAL DECISION**: Since we have a PR#2229 and no one has strong objections, let's move it forward as-is. Let's work together to create the missing integration tests (Tim will help) and add comments noting any missing use cases / scenarios where a Null EPerson could be a problem. That way we can build out integration tests.
  - Skipped discussion of Concurrency in DSpace 7. Will pick that up next week
  - Discussion of Edit Homepage News: https://github.com/DSpace/Rest7Contract/pull/45
    - Tim wanted more details on the proposed approach to use Bitstreams to store the Homepage news
    - Andrea said this could be metadata, like Community/Collection news
    - Tim agrees. We should consider using the Site object to store metadata for homepage news / logos, in the same way that these are stored on individual Community & Collection objects.
    - Lieven & Ben note they will consider this internally & bring ideas back for discussion next week