2019-02-21 DSpace 7 Working Group Meeting

Date

21 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. Solr upgrade effort. When to merge? Once the initial Solr PR#2058 is merged, all developers will need to install/setup their development DSpace with an external Solr.
    2. 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. DSpace 7 Preview Release (per Steering discussions yesterday) New deadline **end of March** (Beta before OR2019)
        a. Perform preview release on a separate branch (not master) to allow for code that is still undergoing final review? (proposed by Lieven & Pascal)
        b. Preview Release made available via Docker? (proposed by Pascal)
- (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
- 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 Feb 28)*
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)*
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)*
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 (Andrea Bollini (4Science) - Reviewed & added questions/feedback, Tim Donohue - Reviewed & added questions/feedback)
2. ⚠️ (REST Contract) Endpoint for EPerson profile PATCH requests: https://github.com/DSpace/Rest7Contract/pull/49 (UPDATED PR - Andrea Bollini (4Science) minor changes requested, Paulo Graça minor changes requested)
3. (REST Contract) Metadata PATCH support: https://github.com/DSpace/Rest7Contract/pull/46 (Tim Donohue , Paulo Graça and Andrea Bollini (4Science))
4. (REST) Workflow Endpoint: https://github.com/DSpace/DSpace/pull/2312 (Tim Donohue , Ben Bosman Integration tests have been added, latest set to be added by the end of day Feb 21)
5. ✅ (REST) Metadata as a Map: https://github.com/DSpace/DSpace/pull/2287 (Approved / ready to be merged, should be merged same time as next PR #347)
6. blocked URL(Angular) Metadata as a Map: https://github.com/DSpace/dspace-angular/pull/347 (Giuseppe Digilio (4Science)minor changes requested and implemented. Paulo Graça - approved)
7. ⚠️ (Angular) Modifying Metadata Registries: https://github.com/DSpace/dspace-angular/pull/355 (Paulo Graça- approved - new DS-4170 to address usability issues. Tim Donohue - minor changes requested)
8. (Angular) Submission implementation: https://github.com/DSpace/dspace-angular/pull/279 (Art Lowel (Atmire) , Paulo Graça , Tim Donohue *all received suggestion applied, ready to be merged after approval*)
9. (Angular) Administrative Item Edit: https://github.com/DSpace/dspace-angular/pull/362 (Paulo Graça, Tim Donohue)
10. (Angular) Browse by date and Starts-With component: https://github.com/DSpace/dspace-angular/pull/364 (Paulo Graça, Tim Donohue)
11. (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. ✅ (REST Contract) Mapping Collection: https://github.com/DSpace/Rest7Contract/pull/52
2. ✅ (REST) Manage Metadata Registry: https://github.com/DSpace/DSpace/pull/2291
3. blocked URL (Angular) Browse-By links in NavBar & Pages: https://github.com/DSpace/dspace-angular/pull/360

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.

Notes

- Discussion Topics
    - Tim notes that Heather Greer Klein will soon be joining the effort as a part-time DSpace 7 Product Manager (8 hours per week, until DSpace 7 is released). She'll help with planning tasks, liaison with Marketing, etc.
        - She's on vacation today, but hopefully will be able to attend next week's meeting.
    - Preview Release Discussion
        - Steering discussed yesterday and decided to move forward with Preview Release. It's an important deadline, both for marketing as well as for ensuring we're "on schedule" for OR2019.
        - Preview Release new deadline is end of March
        - Beta Release in time for OR2019.
        - Perform preview release on a separate branch (not master) to allow for code that is still undergoing final review?
            - Art: seems ok, but we need to be more conservative than we were before OR2018. Nothing could go on this branch that isn't nearly complete.
            - Andrea: Agrees with Art around OR2018 issues. Against this idea overall
            - This was discussed in Steering as a "backup plan". End goal is still to try and get everything on "master", but if we are running late, the decision becomes: Do we push back Preview Release again (has risk that we miss Beta by OR2019), or do we cut the release with some "partially reviewed" features/code?
            - Consensus: We cannot decide this today. Likely this needs to go to an email vote.
            - Not high priority as this is a backup plan, but we do need to have a backup plan if Preview Release deadline of end of March starts to "slip"
    - Solr Upgrade Discussion
        - When do we merge? The code passes all ITs and is in review stage. It will affect all developers, as they will need to install a separate Solr (Mark W notes that's not hard)
        - No user facing improvements though
        - Consensus: This is a "nice to have" for Preview Release, but not required. It's third priority behind Submission/Workflow & Configurable Entities. If it misses Preview (or cannot be tested sufficiently before then) we should merge this just after Preview

- Concurrency in DSpace 7 (or 8). What do we want to do when multiple editors are editing the same object?
  - Some implementation options on REST API side:
    - REST Contract notes on ETags: https://github.com/DSpace/Rest7Contract#etags--conditional-headers
    - 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
  - We don't have enough information to make a decision here. It sounds more and more like this might need to wait for DSpace 8 (low priority for DSpace 7). However, Atmire will analyze whether there is a "quick fix" or quick solution and report back.