

2019-02-28 DSpace 7 Working Group Meeting

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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

-  = review done (this week), changes were requested.
-  = 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. ⚠️ (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. ⚠️ (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. ⚠️ (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. ✅ (REST) Metadata as a Map: <https://github.com/DSpace/DSpace/pull/2287>
2. ✅ (Angular) Metadata as a Map: <https://github.com/DSpace/dspace-angular/pull/347>
3. ✅ (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](#))
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 EPerson 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 NullPointerExceptions 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