

2019-03-14 DSpace 7 Working Group Meeting

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Date

14 Mar 2019 from [15:00-16:00 UTC](#) (At end of March, this meeting will switch to 14:00 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 is ready to merge (already at +2). Is everyone ready? <https://github.com/DSpace/DSpace/pull/2058>
 - a. This will affect developers (everyone needs to install Solr)
 - b. This will also affect the demo REST API (next time it is updated)
 2. Finalizing the Workflow REST Endpoint PR: <https://github.com/DSpace/DSpace/pull/2312/> Several key changes to the existing Discovery/Solr functionality.
 - a. Creates a [new interface "BrowsableObject"](#) to represent anything indexable by Discovery/Solr (this used to require an object being an official "DSpaceObject")
 - i. Possibly rename to "IndexableObject" (i.e. it's an object that can be indexed)
 - b. Adds new [Constants](#) for object types "WORKSPACEITEM", "WORKFLOWITEM", "WORKFLOW_POOL", "WORKFLOW_CLAIMED". These are NOT DSpaceObjects, but are new BrowsableObjects (as they will be indexed in Discovery for the MyDSpace & Workflow user interface)
 - i. Possibly rename "WORKFLOW_POOL" to "TASK_POOL" and "WORKFLOW_CLAIMED" to "TASK_CLAIMED"
 - ii. We don't need to index the ITEM individually when indexing the WORKSPACEITEM or WORKFLOWITEM (Andrea believes this to be true)
 - c. Changes the Discovery REST response format slightly – it no longer returns "dspaceObject", but [now returns "resultObject"](#) (as not all results are DSpaceObjects)
 3. (tentative, lower priority) Edit Homepage News: <https://github.com/DSpace/Rest7Contract/pull/45>
 - a. Reporting back on implementation suggestions/ideas. Do we implement as metadata on the Site object (similar to Community/Collection news sections)?
 4. (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

★ = Highest Priority tasks (please prioritize these reviews/tasks over others). Currently this lists tasks/features that need to be completed for Preview Release.

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) Adding Accessibility via Travis CI <https://github.com/DSpace/dspace-angular/pull/356> (work in progress) (Lower priority)
2. ★ (Angular) MyDSpace UI (work in progress) (Timeline: ~~Should be ready by Feb-28~~, ~~delayed 5th March~~, delayed 12th March due to sub optimal Search implementation, need to run against the updated MyDSpace REST API PR - Blocked until discussion around the MyDSpace Endpoint is solved see 2312 and <https://github.com/4Science/DSpace/pull/65>)
3. (REST Contract) Edit Homepage news: <https://github.com/DSpace/Rest7Contract/pull/45> (Ben Bosman - has outstanding questions/comments) (Lower priority)
4. ★ (REST) MyDSpace Endpoint (Andrea Bollini (4Science) - **EARLY Reviews Needed. Reviewers: Ben Bosman , Tim Donohue** (everything in place, first review comments answered, ITs provided on the 3rd March) on the 4Science repo against the 2312 PR <https://github.com/4Science/DSpace/pull/65>
5. (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)
6. (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)
7. ★ Configurable Entities PRs for Angular & REST (coming soon from DSpace 7 Entities Working Group (2018-19))
 - a. <https://github.com/DSpace/DSpace/pull/2331> (blocking PR to master)
 - b. <https://github.com/DSpace/dspace-angular/pull/354> (blocking PR to master)

PRs Needing Review

1. blocked URL (REST Contract) Group and eperson management: <https://github.com/DSpace/Rest7Contract/pull/41> (Waiting on updates from Ben Bosman)
2. blocked URL ★ (REST) Workflow Endpoint: <https://github.com/DSpace/DSpace/pull/2312> (Tim Donohue , Ben Bosman Re-reviewed and additional feedback added., All change requests implemented - answers provided also for latest feedbacks)
3. ⚠ (REST) EPerson profile PATCH functionality : <https://github.com/DSpace/DSpace/pull/2257> (Andrea Bollini (4Science) , Tim Donohue . This PR currently has merge conflicts & has outstanding feedback from Tom Desair)
4. ★ (Angular) Submission implementation: <https://github.com/DSpace/dspace-angular/pull/279> (Art Lowel (Atmire) , Paulo Graça - reviewed, Tim Donohue . This PR has outstanding feedback (namely code comments) to be applied.)
5. ⚠ (Angular) Transfer to .po message format - Initial PR: <https://github.com/DSpace/dspace-angular/pull/366> (Paulo Graça - changes requested, Tim Donohue , Art Lowel (Atmire) - requested updates. Currently failing build.)
6. ⚠ (Angular) Context sensitive admin menus <https://github.com/DSpace/dspace-angular/pull/367> (Paulo Graça - issue reported & **response/fix made by Lotte, Tim Donohue** - approved)
7. (Backend) One Webapp Backend - Initial PR: <https://github.com/DSpace/DSpace/pull/2265> (Ben Bosman , Mark H. Wood)
 - a. This PR will have a followup PR to rename the "dspace-spring-rest" webapp to "dspace-server" and update all URL configurations
8. (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)?
 - b. Docker changes to merge after this PR is merged: <https://github.com/DSpace-Labs/DSpace-Docker-Images/pull/96>
9. ★ (Docker) <https://github.com/DSpace-Labs/DSpace-Docker-Images/pull/95> (Art Lowel (Atmire))
10. <https://github.com/DSpace/dspace-angular/issues/368> (Andrea Bollini (4Science), Giuseppe Digilio (4Science), Tim Donohue, Ben Bosman)
 - a. Potentially a discussion item for next week.

PRs Merged this week!

1. ✓ (REST) Metadata PATCH support: <https://github.com/DSpace/DSpace/pull/2313>
2. ✓ (REST) Fix bug where CORS Headers missing when Exception thrown: <https://github.com/DSpace/DSpace/pull/2208>
3. ✓ (Angular) Browse by date and Starts-With component: <https://github.com/DSpace/dspace-angular/pull/364>
 - a. Outstanding usability issues logged as tickets #369 and #370, and the related REST API bug logged at DS-4186

BLOCKED

1. (Angular) Move Item Component: <https://github.com/DSpace/dspace-angular/pull/335>
 - a. Blocked by DSpace PR#2283
2. (Angular) Item-Collection Mapper: <https://github.com/DSpace/dspace-angular/pull/348>
 - a. Blocked by DSpace PR#2282

Delayed

1. (REST) Scripts & Processes endpoint: <https://github.com/DSpace/Rest7Contract/pull/17>

2. 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 if 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.

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