

2020-02-27 DSpace 7 Working Group Meeting

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Date

27 Feb 2020 from [15:00-16:00 UTC](#)

Location: <https://llyrasis.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).
 - 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.
- (25 mins) General Discussion Topics
 1. Wrapping up Beta1 release (if needed)
 2. (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](#)
 3. (Please add a topic)
- (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

Legend for status icons

★ = Highest Priority tasks (please prioritize these reviews/tasks over others).

✗ = review done, changes were requested or bugs found.

✓ = review done, approved.

⚠ = review done, merge conflict or other minor changes requests

1 APPROVAL = pull request only requires a single approval to merge. This is generally reserved for PRs which are either smaller, obvious, and/or bug fixes with tests to prove they work.

Claim a Ticket!

If you do not have access in JIRA or GitHub to officially claim the ticket you wish to work on, contact [Tim Donohue](#)

- Available Angular UI Tickets
 - [Open issues in 7.0beta1 milestone](#) (highest priority)
 - [Open issues in 7.0beta2 milestone](#) (second highest priority)
 - [Open issues flagged as "Difficulty: low"](#). These may be a good starting point for newer developers.
- Available REST API Tickets
 - [Unassigned tickets scheduled for 7.0beta1](#) (highest priority)
 - [Unassigned tickets scheduled for 7.0beta2](#) (second highest priority)
 - [General REST API tickets flagged as "low hanging fruit"](#). These may be a good starting point for newer developers.
 - [General REST API unassigned bug tickets](#). Again, might be a good starting point for newer developers.

PRs Needing Review

1. **(NEW)** (REST Contract) (beta3 - but dev starts next week) Link to workflow steps and actions <https://github.com/DSpace/Rest7Contract/pull/104>
1 APPROVAL (Tim Donohue)
2. **(NEW)** (REST Contract) (beta2 - but dev starts next week) Edit Community/Collection - Assign Roles/Groups <https://github.com/DSpace/Rest7Contract/pull/105> (Tim Donohue, Andrea Bollini (4Science))
3. (REST) (beta2) Select specific embeds: <https://github.com/DSpace/DSpace/pull/2670> **(WAITING ON AN UPDATE)** (Tim Donohue, Ben Bosman)
4. (REST) Scripts & processes: importing and exporting csv's <https://github.com/DSpace/DSpace/pull/2648> (Andrea Bollini (4Science) - ✗ **REVIEW ED**, Tim Donohue - **REVIEW Comments**, Mark H. Wood)
5. (REST Contract) related to the scripts & processes PR above <https://github.com/DSpace/Rest7Contract/pull/99> (Andrea Bollini (4Science) - ✗ **REVIEWED**, Tim Donohue)
6. (REST) Shibboleth authentication <https://github.com/DSpace/DSpace/pull/2651> (Paulo Graça - **REREVIEW**, Ben Bosman - **REREVIEW**)
7. (REST) **(CLOSE PR)** Edit Item - Manage Bitstreams <https://github.com/DSpace/DSpace/pull/2666> **1 APPROVAL** (Tim Donohue, Andrea Bollini (4Science) - reported some minor issues)
8. (REST) DS-4418 remove uuid from resource policy rest <https://github.com/DSpace/DSpace/pull/2665> **1 APPROVAL** (Tim Donohue - minor feedback, almost ready to merge)
9. (REST) DS-4043 Revisit security layer of submission (depend on the DS-4418) <https://github.com/DSpace/DSpace/pull/2675> (Tim Donohue, **OTHER REVIEWERS WELCOME**)
10. (REST) Initial implementation of the authorizations endpoints <https://github.com/DSpace/DSpace/pull/2663> (Ben Bosman - ✗ **REVIEWED**, Tim Donohue - feedback added, bugs found)
11. ★ (REST) Breadcrumbs in header <https://github.com/DSpace/DSpace/pull/2673> **1 APPROVAL** (✓ Tim Donohue, Andrea Bollini (4Science) - changes requested)
12. (REST) Read only versioning endpoints <https://github.com/DSpace/DSpace/pull/2680> **1 APPROVAL** (Tim Donohue, **OTHER REVIEWERS WELCOME**)
13. (REST) Workflow step definitions: action validation <https://github.com/DSpace/DSpace/pull/2685> (Tim Donohue, Ben Bosman, Andrea Bollini (4Science))
14. (REST) (beta 2 - **has upcoming dependencies**) Manage Groups - <https://github.com/DSpace/DSpace/pull/2686> - DS-4026 (Tim Donohue, Andrea Bollini (4Science) if needed)
15. (REST) DS-4123 : (*High priority because of dependencies*) Create Integration Tests to prove access restricted Items cannot be accessed anonymously <https://github.com/DSpace/DSpace/pull/2687> - **1 APPROVAL** (Tim Donohue - added feedback, Ben Bosman if needed)
16. (REST) DS-4124 : Create Integration Tests to prove access restricted Bitstreams cannot be accessed anonymously <https://github.com/DSpace/DSpace/pull/2688> - **1 APPROVAL** (Tim Donohue - added feedback, Ben Bosman if needed)
17. **(NEW)** (REST) DS-4278: Fix bug where submitters can edit all metadata : <https://github.com/DSpace/DSpace/pull/2689> **1 APPROVAL** (Tim Donohue)
18. **(NEW)** ★ (REST) Respect client-provided projections for non-GETS: <https://github.com/DSpace/DSpace/pull/2684> **1 APPROVAL** (✓ Tim Donohue)
19. (Angular) Shibboleth authentication (merge with REST PR #2651) <https://github.com/DSpace/dspace-angular/pull/568> (Paulo Graça, Ben Bosman)
20. (Angular) (beta 2) Edit Item Bitstreams Tab <https://github.com/DSpace/dspace-angular/pull/577> **(NEEDS REBASE)** (Tim Donohue, Giuseppe Digilio (4Science))
21. **(NEW)** (Angular) (beta 2) List versions - <https://github.com/DSpace/dspace-angular/pull/585> - (Tim Donohue, **NEEDS SECOND REVIEWER**)
22. **(NEW)** (Angular) (beta 2) Specify Embeds (merge with REST PR #2670) - <https://github.com/DSpace/dspace-angular/pull/588> - **1 APPROVAL** (Tim Donohue)

23. ★ (NEW)(Angular) (beta 1) Breadcrumbs: <https://github.com/DSpace/dspace-angular/pull/591> - (Tim Donohue, Giuseppe Digilio (4Science)) reviewed and added feedback)
24. ★ (NEW)(Angular) (beta 1) MyDSpace ClaimedTask link resolving fixes: <https://github.com/DSpace/dspace-angular/pull/594> - (Tim Donohue, Giuseppe Digilio (4Science))
25. (NEW)(Angular) (beta 2) Notice regarding the availability of new version on item pages: <https://github.com/DSpace/dspace-angular/pull/595> - (Tim Donohue, **NEEDS SECOND REVIEWER**)
26. ★ (NEW) Angular Submission bug fix: <https://github.com/DSpace/dspace-angular/pull/597> 1 APPROVAL (Tim Donohue, Paulo Graça)
27. (Backend) DS-626 : Exchange usage data with IRUS <https://github.com/DSpace/DSpace/pull/2664> (**NEEDS REVIEWERS**)

PRs Coming Soon

1.

Unable to locate Jira server for this macro. It may be due to Application Link configuration.

 Create Integration Tests to prove

PRs Merged this week!

1. ✓ (REST Contract) Update Projections contract to align with impl: <https://github.com/DSpace/Rest7Contract/pull/94>
2. ✓ (REST Contract) Fix REST contracts to report 400 response for param exceptions (related to REST PR#2668 below): <https://github.com/DSpace/Rest7Contract/pull/102>
3. ✓ (REST) DS-4428 missing parameter exception <https://github.com/DSpace/DSpace/pull/2668> 1 APPROVAL
4. ✓ (REST) (beta 2 but dependencies) Workflow step definitions <https://github.com/DSpace/DSpace/pull/2646>
5. ✓ (Angular) Fix angularities router bug <https://github.com/DSpace/dspace-angular/pull/580>
6. ✓ ★ (Angular) Angular 8 Upgrade <https://github.com/DSpace/dspace-angular/pull/579>
7. ✓ ★ (Angular) Only resolve links when needed (Performance improvement work) <https://github.com/DSpace/dspace-angular/pull/578>
8. ✓ (Backend) DS-4434: Fix Context.commit() / isValid() and add Tests <https://github.com/DSpace/DSpace/pull/2674>
9. ✓ (Backend) Fix errorprone test warnings after Java 11 upgrade: <https://github.com/DSpace/DSpace/pull/2669> 1 APPROVAL

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>
 - iii. Contract for ResourcePolicies: <https://github.com/DSpace/Rest7Contract/pull/87>
2. Initial Performance Testing from Chris.
 - a. <https://cwilper.github.io/dspace-perftest/>
3. (REST Contract) Edit Homepage News: <https://github.com/DSpace/Rest7Contract/pull/45>
 - 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.
4. ⚠ (Angular Bug) <https://github.com/DSpace/dspace-angular/issues/368> ([Art Lowel \(Atmire\)](#))
5. 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.

Notes