

2020-02-13 DSpace 7 Working Group Meeting

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Date

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

Location: <https://lyrasis.zoom.us/my/dspace> (Meeting ID: 502 527 3040).

- More connection options available at [DSpace Meeting Room](#)

Beta 1 & 2 Sprint : Feb 3-14



- Work towards finalizing the Beta1 tasks in [DSpace 7 Release Plan spreadsheet](#). Goal is to have Beta1 released in mid-to-late Feb.
- Beginning 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. 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](#)
 2. (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. (REST Contract) Group and eperson management: <https://github.com/DSPACE/Rest7Contract/pull/41> (✔ Tim Donohue , Andrea Bollini (4Science) - **REREVIEW BY FEB 13**)
2. **MERGE** (REST) DS-4389 improving patch system framework Part 1 <https://github.com/DSPACE/DSPACE/pull/2591> (Andrea Bollini (4Science) - **REVIEW (if possible) BY FEB 13**, ✔ Tim Donohue, ✔ Michael Spalti)
 - a. Michael's version <https://github.com/DSPACE/DSPACE/pull/2645>
3. ★ **MERGE FIRST** (REST) Projections continued: <https://github.com/DSPACE/DSPACE/pull/2625> (✔ Ben Bosman , ✔ Tim Donohue)
4. (NEW) (REST) Select specific embeds (depends on PR#2625): <https://github.com/DSPACE/DSPACE/pull/2670> (Tim Donohue, Ben Bosman)
5. (REST) Workflow step definitions <https://github.com/DSPACE/DSPACE/pull/2646> (Ben Bosman - **REREVIEW**, Tim Donohue - **REREVIEW**, Andrea Bollini (4Science) - **REREVIEW**)
6. (REST) Scripts & processes: importing and exporting csv's <https://github.com/DSPACE/DSPACE/pull/2648> (Andrea Bollini (4Science) - **REVIEW BY FEB 20**, Tim Donohue - REVIEW Comments, Mark H. Wood)
7. (REST) Shibboleth authentication <https://github.com/DSPACE/DSPACE/pull/2651> (Paulo Graça, Ben Bosman)
8. **MERGE** (REST) Collection item template updates <https://github.com/DSPACE/DSPACE/pull/2656> **1 APPROVAL** (✔ Tim Donohue)
9. (NEW) (REST) Edit Item - Manage Bitstreams <https://github.com/DSPACE/DSPACE/pull/2666> **1 APPROVAL** (Tim Donohue)
10. (Angular) Shibboleth authentication (merge with REST PR #2651) <https://github.com/DSPACE/dspace-angular/pull/568> (Paulo Graça, Ben Bosman)
11. (NEW) (Angular) (beta 2) Edit Item Bitstreams Tab (depends on #578) <https://github.com/DSPACE/dspace-angular/pull/577> (Tim Donohue, Giuseppe Digilio (4Science))
12. ★ (NEW) (Angular) (beta 1) Only resolve links when needed (Performance improvement work) <https://github.com/DSPACE/dspace-angular/pull/578> (Tim Donohue, Giuseppe Digilio (4Science))
13. ★ (NEW) (Angular) (beta 1) Angular 8 Upgrade <https://github.com/DSPACE/dspace-angular/pull/579> (Tim Donohue, Giuseppe Digilio (4Science))
14. ★ (Backend) Java 11 upgrade and Replace JMockit with Mockito (**MERGE on/around Feb 13**): <https://github.com/DSPACE/DSPACE/pull/2654> (✔ Chris Wilper, **NEEDS SECOND REVIEWER**)
 - a. Corresponding Angular PR (*must be merged after PR#2654 and below PR#2657*): <https://github.com/DSPACE/dspace-angular/pull/574>
15. (Backend) URL configuration refactor (new "dspace.server.url" and "dspace.ui.url") (**MERGE on/around Feb 13**) <https://github.com/DSPACE/DSPACE/pull/2657> (Paulo Graça - ✔, Mark H. Wood - ✔)
16. (NEW) (Backend) Fix errorprone test warnings after Java 11 upgrade (depends on PR#2654): <https://github.com/DSPACE/DSPACE/pull/2669> **1 APPROVAL** (Mark H. Wood)
17. (NEW) DS-4428 missing parameter exception <https://github.com/DSPACE/DSPACE/pull/2668> **1 APPROVAL** (Tim Donohue)
18. (NEW) DS-4418 remove uuid from resource policy rest <https://github.com/DSPACE/DSPACE/pull/2665> (Tim Donohue) (**Possibly one approval**)

PRs Merged this week!

1. ✔ (REST Contract) Clarify anonymous access to resourcepolicies endpoints **1 APPROVAL** : <https://github.com/DSPACE/Rest7Contract/pull/101>
2. ✔ (REST Contract) Versioning <https://github.com/DSPACE/Rest7Contract/pull/97>
3. ✔ (REST) Initial Implementation of Resource Policies endpoint: <https://github.com/DSPACE/DSPACE/pull/2604>
4. ✔ (Angular) Generic uri metadata <https://github.com/DSPACE/dspace-angular/pull/565> **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/62>
 - iii. Contract for Authorization Endpoints: [https://github.com/DSpace/Rest7Contract/pull/62](#)
2. **REST API Projections:** Unable to locate Jira server for this macro. It may be due to Application Link configuration.
 - a. Work begun in [pull request](#)
 - i. Based on detail discussions in our [Oct 17 meeting](#).
 - b. (Outdated) Early work begun at <https://github.com/DSpace/DSpace/pull/1847>. Discussed in more detail in our [Aug 22 meeting](#). Overall, this approach seems like a good direction, need volunteers to move it forward.
 - c. <https://github.com/DSpace/Rest7Contract/issues/2> (discussion resumed by [Andrea Bollini \(4Science\)](#) could be relevant for the projection)
3. Initial Performance Testing from Chris.
 - a. <https://cwilper.github.io/dspace-perftest/>
4. (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.
5. ⚠️ (Angular Bug) <https://github.com/DSpace/dspace-angular/issues/368> ([Art Lowel \(Atmire\)](#))
6. 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