

2021-05-06 DSpace 7 Working Group Meeting

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Date

06 May 2021 from 14:00-15:00 UTC

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

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

Testathon Sprint : Ongoing



- Reviewing tickets reported during Testathon, analyzing & assigning.
- View PRs assigned to you for review/testing: <https://github.com/pulls/review-requested>

Agenda

- (30 mins) General Discussion Topics
 1. DSpace 7 Accessibility Analysis (from Deque) summary of results
 - a. Axe Auditor (accessibility results) <https://axeauditor.dequecloud.com/test-run/0856438a-a19a-11eb-bc31-b7d5be387c86> (Requires login)
 - b. <https://dequeuniversity.com/> (Training resources)
 - c. Axe Chrome plugin (free & highly recommended): <https://chrome.google.com/webstore/detail/axe-devtools-web-accessib/lhdoppoipmngadmndnefefpokejbd?hl=en-US>
 2. Testathon "wrap up"
 - a. Demo site incident (any updates?): <https://github.com/DSpace/DSpace/issues/3243>
 - b. VOLUNTEER NEEDED: Final review of spreadsheet? https://docs.google.com/spreadsheets/d/1BdK8SzytA7HoxOZgldCIHabMxeR4mYTXt_ynVT_-KR8/edit#gid=1131720008
 - c. VOLUNTEER NEEDED: Testing Handle Server setup & functionality?
 - i. Realized we forgot to setup the demo site to actually use hdl.handle.net URLs. Would someone on this team be willing to test the Handle Server setup process to verify hdl.handle.net URLs will work on 7.0?
 3. Item Mapping Permissions question: <https://github.com/DSpace/DSpace/issues/3261>
 - a. Should Collection Admins be allowed to map *any Item* into their Collection? (6.x behavior) Or just Items which they have WRITE privileges on? (current 7.x behavior)
 4. *Reminder: Help us update the 7.0 Technical Documentation (prior to / during Testathon)*
 - a. Installation Guide for Angular UI, see [Installing DSpace](#)
 - b. [Configuration Reference](#) updates (Tim has been working on little by little)
 - c. See also, tickets at https://github.com/orgs/DSpace/projects/5?card_filter_query=label%3Adocumentation
- (30 mins) Planning for next week
 - Review the [Backlog Board](#) - Are there any tickets here stuck in the "Triage" column? We'd like to keep this column as small as possible.
 - Review the [7.0 Project Board](#) - Assign tickets to developers & assign PRs to reviewers.
 - Priority should be kept in mind here. If new "high" or "medium" priority tickets come in, developers should move effort off of "low" priority tasks. Reviewers/testers should also concentrate effort on "high" or "medium" priority PRs.

Testathon Triage process

- **Overview of our Testathon triage process:**
 1. *Initial Analysis:* [Tim Donohue](#) will do a quick analysis of all issue tickets coming into our [Backlog Board](#) (this is where newly reported issues will automatically appear).
 2. *Prioritization/Assignment:* If the ticket should be considered for 7.0, [Tim Donohue](#) will categorize/label it (high/medium/low priority) and immediately assign to a developer to further analysis. Assignment will be based on who worked on that feature in the past.
 - a. "high priority" label = A required 7.0 feature is badly broken or not working. These tickets are considered "blocking" and *must* be resolved prior to 7.0 final.
 - b. "medium priority" label = A required 7.0 feature is difficult to use, but mostly works. These tickets *should* be resolved prior to 7.0 final (but the 7.0 release will not be delayed to fix these issues).
 - c. "low priority" label = A required 7.0 feature has usability issues or other smaller inconveniences or a non-required feature is not working as expected. These tickets are simply "nice to have" in 7.0 final. We'll attempt to fix them as time allows, but no guarantees are made.
 3. *Detailed Analysis:* Developers should immediately analyze assigned tickets and respond back within 1-2 days. The developer is expected to respond to [Tim Donohue](#) with the following:

- a. Is the bug reproducible? (If the developer did not understand the bug report they may respond saying they need more information to proceed.)
 - b. Does the developer agree with the initial prioritization (high/medium/low), or do they recommend another priority?
 - c. Does the bug appear to be on the frontend/UI or backend/REST API?
 - d. Does the developer have an idea of how difficult it would be to fix? Either a rough estimate, or feel free to create an immediate PR (if the bug is tiny & you have time to do so).
 - e. Are you (or your team) interested in being assigned this work?
4. **Final Analysis:** [Tim Donohue](#) will look at the feedback from the developer, fix ticket labels & move it to the appropriate work Board. If it is moved to the [7.0 Project Board](#), then the ticket may be immediately assigned back to the developer (if they expressed an interest) to begin working on it.
- a. If the ticket needs more info, [Tim Donohue](#) will send it back to the reporter and/or attempt to reproduce the bug himself. Once more info is provided, it may be sent back to the developer for a new "Detailed Analysis".

Attendees

- [Art Lowel \(Atmire\)](#)
- [Andrea Bollini \(4Science\)](#)
- [Tim Donohue](#)
- [Lieven Droogmans](#)
- [Giuseppe Digilio \(4Science\)](#)
- [Ben Bosman](#)
- [Paulo Graça](#)
- [Mark H. Wood](#)

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 Project Boards](#) : our planning/scheduled boards which details which features are scheduled for each Beta release.

Current Work

Project Board

DSpace 7.0 Final Project Board: <https://github.com/orgs/DSpace/projects/5>

To quickly find PRs assigned to you for review, visit <https://github.com/pulls/review-requested> (This is also available in the GitHub header under "Pull Requests Review Requests")

Security / Performance Tests

Brainstorming options for security testing & performance testing. How do we want to handle both of these prior to 7.0 final?

1. Security Review/Scanning of pre-7.0: See [DSpace 7 Security Analysis](#)
2. Performance testing of pre-7.0: See [DSpace 7 Performance Analysis](#)

Delayed / Needs Discussion

1. Finalize / approve the initial list of all authorization features which we should implement for the [/api/authz/features REST endpoint](#). This list of features should be limited to *only features which are required to enable/disable User Interface functionality*. (In other words, we can always add more features in the future. We just need to approve the list necessary for 7.0)
 - i. Review current spreadsheet (from [Andrea Bollini \(4Science\)](#)) : https://docs.google.com/spreadsheets/d/1182LcD_WqIZRbUGWpLtBw0aOMR9jhbOVb7GZqtTpR9A/edit?usp=sharing
 1. [Art Lowel \(Atmire\)](#) : I don't see any immediate issues with the current set of features, but I would prefer a consistent naming scheme. I'd use canDoSomething for everything
 2. [Tim Donohue](#) added possible renames of these features based on Art's idea (see cell comments in spreadsheet). I like the "can[DoSomething]" naming scheme as well.
2. (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.

Notes