

# 2024-04-25 DSpace Developers Meeting

## Developers Meeting on Thurs, April 25, 2024

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### Time/Location

25 Apr 2024 from 14:00-15:00 UTC

Location: <https://lyrasis.zoom.us/j/98424444444> (Meeting ID: 502 527 3040). **Passcode:** dspace

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

### 8.0 Release Schedule



- New Feature Development Deadlines
  - Feature PR Creation Deadline: Friday, Jan 19, 2024
  - Feature PR Review/Test Deadline: Friday, Feb 9
  - Feature PR Merge Deadline (Feature Freeze): Friday, Feb 23
- **Major dependency upgrades: March 3 - March 29**
- Early Documentation & bug fixes: April 1-5
- 8.0 Release Candidate: Week of April 1-5
- **8.0 Testathon:** April 8-19 (two weeks)
- Bug Fix Deadlines
  - Bug Fix PR Creation Deadline: Friday, May 3
  - Bug Fix PR Merge Deadline: Friday, May 10
- Final Documentation & Release Week: May 13-17
- 8.0 Release Announced: Monday, May 20, 2024

### Agenda

- **Discussion Topics** - If you have a topic you'd like to have added to the agenda, please just add it.
  1. **8.0 Testathon** Wrap-Up (and continued testing)
    - a. Per the discussion in last week's meeting, Tim created a Google Document for us to verify which features **have been tested**. Please update this with features you've tested, so that we have a better sense of which of these features need more attention.
      - i. **DSpace 8 Feature Testing:** [https://docs.google.com/document/d/1A2V\\_1CWtFPhD1LDbZEZc6xSCn5tC7pPojkqGZ48-SAY/edit](https://docs.google.com/document/d/1A2V_1CWtFPhD1LDbZEZc6xSCn5tC7pPojkqGZ48-SAY/edit)
    - b. Testathon so far has found a lot of stability bugs (pages hanging and/or not loading). Some include...
      - i. (NEW) "custom" theme doesn't work: <https://github.com/DSpace/dspace-angular/issues/2977>
      - ii. (NEW) OpenAIRE import from external source doesn't work: <https://github.com/DSpace/DSpace/issues/9501>
      - iii. (NEW) Cannot add relationships between Entities: <https://github.com/DSpace/dspace-angular/issues/2978>
      - iv. Item versioning doesn't work: <https://github.com/DSpace/dspace-angular/issues/2923>
      - v. Item templates don't work: <https://github.com/DSpace/dspace-angular/issues/2938> (Claimed by Atmire)
      - vi. Save for Collections takes a long time to process (sometimes users click Save twice and create multiple collections); <https://github.com/DSpace/dspace-angular/issues/2941> (Claimed by Atmire)
    - c. Any feedback or news to share on Testathon? Major issues anyone has encountered?
      - i. Bugs reported via Testathon:
        1. <https://github.com/DSpace/dspace-angular/labels/testathon>
        2. <https://github.com/DSpace/dspace/labels/testathon>
  2. 8.0 release topics
    - a. Replace original selector when making a component themeable: <https://github.com/DSpace/dspace-angular/pull/2865>
      - i. As discussed last week, this must be approved/merged by April 26 or will be moved to 9.0.
  3. **Ongoing Discussion:** High CPU with DSpace 7 SSR: <https://groups.google.com/g/dspace-tech/c/t4H3jJPq0Ck>
    - a. Please suggest improvements/changes on our [Performance Tuning DSpace](#) docs (or send to Tim privately)
    - b. Add configuration to disable inlined CSS in SSR: <https://github.com/DSpace/dspace-angular/pull/2067>
    - c. Possibly exclude some components from SSR? E.g. DSpace-CRIS excludes the [Search component from SSR](#) as these are not necessary for SEO. (Need to verify this has no negative impacts on accessibility or similar.)
    - d. Is there a way to use Apache "mod\_cache" to cache SSR generated pages?
      - i. May have a negative impact on download/view statistics (in Solr Statistics) as hits to the Apache cache would not generate view events. We'd need a different way to send these view events to REST API.
  4. DSpace 7.x Maintenance

- a. Should we backport the new `/api/security/csrf` REST endpoint used by <https://github.com/DSpace/dspace-angular/pull/2886> ? See also REST Contract: <https://github.com/DSpace/RestContract/pull/259>
- 5. (Other topics?)
- Board Review & assignments:
  - [Backlog Board](#) - Are there any tickets here stuck in the "Triage" column? We'd like to keep this column as small as possible.
  - [8.0 Project Board](#) - Assign new PRs to volunteers to code review and/or test.
  - [7.6.x Project Board](#) - Assign new PRs to volunteers to code review and/or test.
- *Upcoming Topics: (Let us know if there are topics you want to discuss in future weeks)*
  - *None at this time*

## Attendees

- [Tim Donohue](#)
- [Holger Lenz](#)
- [Art Lowel \(Atmire\)](#)
- [Andrea Bollini \(4Science\)](#)
- [Giuseppe Digilio \(4Science\)](#)
- [Paulo Graça](#)
- [Mark H. Wood](#)
- [Grazia Quercia \(4Science\)](#)
- [Corrado Lombardi \(4Science\)](#)
- [Julian Timal \(eScire\)](#)
- [Martin Walk](#)
- [Melissa Anez](#)
- [Oliver Goldschmidt](#)
- [Hrafn Malmquist](#)
- [Pascal-Nicolas Becker](#)
- [Pierre Lasou](#)

## Current Work

### Project Boards

- DSpace 8.0 board: <https://github.com/orgs/DSpace/projects/27>
- DSpace 7.6.x board: <https://github.com/orgs/DSpace/projects/29>

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")

### Goals for 8.0

*This were decided by Steering in their meeting on June 28, 2023.*

1. Move forward major features which missed 7.x.
  - a. [COAR Notify](#) support (4Science & Harvard): <https://github.com/DSpace/DSpace/issues/8120>
    - i. Development proposal page: [Implementation of the COAR Notify protocol in DSpace 8](#)
  - b. [OpenAIRE integration with notification broker/claim service](#) (4Science)
  - c. Porting "[REST-Based Quality Control Reports](#)" from old REST API to new one. (U of Laval, Canada)
  - d. Duplicate Detection in Submission ported from DSpace-CRIS (The Library Code)
2. Include new features which empower users in the admin UI. Make things easier for Admins.
3. Accepting community contributions of any 6.x features which missed 7.x
4. Improve documentation, training to allow for greater community contributions. (Ease setup/install/customization, etc.)
  - a. Per [DSpace 7 WG meeting on June 29, 2023](#), this may include dependency upgrades/maintenance (Angular, Spring, Solr, Tomcat, etc). May also include necessary code updates/refactors to ease in ongoing maintenance.
5. **Release Goal: May 20, 2024**
6. In parallel to 8.0, proof of concepts / planning regarding modularization:
  - a. [Angular : library-based architecture proposal](#) (4Science)
  - b. [DSpace Preservation-enabled Storage via OCFL](#) (Lyrisis, post-8.0)

### Goals for 7.6.2

*Deadline is TBD for 7.6.2*

- *Bug/security fixes only.* Release will occur when sufficient fixes have been made to warrant a release.
  - New "themeable components" (for dspace-angular) are allowed in bug fix releases, provided that they don't significantly modify component behavior or similar.
- **Bug fixes should have one Pull Request**
  1. A PR against either the "dspace-7\_x" maintenance branch OR the "main" branch.
  2. We will automatically generate a PR against the other branch using the "port to [branch]" labels & the "[Port merged Pull Request](#)" GitHub Action
  3. (In the case of complex bug fixes, it is possible this automatic port action will fail. In that situation a manual port PR may need to be created.)

## Try "Pull Request Trading" for a quicker review

Do you have a PR stuck in "under review" that you really want to see move forward? Or maybe it's someone else's PR but you want to get it more attention?

See [Trading reviews on Pull Requests](#) for how to get immediate attention to that PR!

## Notes