

# 2024-03-07 DSpace Developers Meeting

## Developers Meeting on Thurs, Mar 7, 2024

- Developers Meeting on Thurs, Mar 7, 2024
  - Time/Location
  - Agenda
  - Attendees
  - Current Work
    - Project Boards
    - Goals for 8.0
    - Goals for 7.6.2
    - Try "Pull Request Trading" for a quicker review
  - Notes

### Time/Location

07 Mar 2024 from 15:00-16:00 UTC

Location: <https://lyrasis.zoom.us/j/98456789012> (Meeting ID: 984 567 89012). **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: February 26 - March 15**
  - [Jakarta EE support for Tomcat 10](#) and [upgrading to Angular 17](#) (No new features)
- Early Documentation & bug fixes: March 18-22
- 8.0 Release Candidate: Week of March 25-29
- 8.0 Testathon: April 1-12 (two weeks)
- Bug Fix Deadlines
  - Bug Fix PR Creation Deadline: Friday, April 26
  - Bug Fix PR Merge Deadline: Friday, May 3
- Final Documentation & Release Week: May 6-10
- 8.0 Release Announced: Monday, May 13, 2024

### Agenda

- **Discussion Topics** - *If you have a topic you'd like to have added to the agenda, please just add it.*
  1. **No meeting next week (Thurs, March 14).** Tim will be on holiday from March 13-17, returning to work on Monday, March 18.
  2. 8.0 release topics
    - a. Feb 26 - March 15 is a concentration on major dependency updates. Including
      - i. DSpace doesn't support Tomcat 10 / Jakarta EE: <https://github.com/DSpace/DSpace/pull/9321> (Tim)
      - ii. Stricter ESLint configuration: <https://github.com/DSpace/dspace-angular/pull/2343> (Atmire)
      - iii. Angular migrate to standalone components: <https://github.com/DSpace/dspace-angular/pull/2750> (4Science)
      - iv. Angular 16 Upgrade: <https://github.com/DSpace/dspace-angular/issues/2752> (4Science)
    - b. *Discussion:* Replace original selector when making a component themeable: <https://github.com/DSpace/dspace-angular/issues/2845>
      - i. Is this something we'd be interested in for 8.0 (perhaps after dependency updates above?) or perhaps a discussion for 9.0?
    - c. *Discussion:* Should we make `dc.type` required by default? <https://github.com/DSpace/DSpace/issues/9357>
    - d. *Discussion:* High CPU with DSpace 7 SSR? <https://groups.google.com/g/dspace-tech/c/t4H3jJPq0Ck> Do our [Performance Tuning DSpace](#) docs need updating?
    - e. Any high priority questions or required feedback regarding new features?
  3. (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](#)
- [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

## 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 13, 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