

Developer Meetings

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Overview

DSpace Developer meetings are a time when Committers and interested Developers can discuss new software features, upcoming releases of DSpace software, and generally plan out the roadmap of DSpace. **All meetings are public.** We welcome anyone and everyone to attend, speak their opinions or just listen in on the discussions. Please note that we archive all discussions (see [Meeting Archives](#)), as a service for those who are unable to attend.

Meeting Schedule

DSpace Developer meetings take place on the following schedule:

- **Every Thursday (except where noted in agendas) from 14:00-15:00 UTC (10am-11am EDT) in <https://lyrasis.zoom.us/my/dspace?pwd=RTk4QUhISnhPRI9YenVrTFJKbDIQT09> (Meeting ID: 502 527 3040).**
 - Additional connection options (phone, etc) detailed at [DSpace Meeting Room](#).
 - To determine which time we are meeting at during a given week, please view the [DSpace Public Events Calendar \(iCal version\)](#). You can also subscribe to the meeting schedule via that calendar.
 - Also, see the [world clock](#) to determine the meeting time where you live.
- All meetings are held for 1 hour.
- [Slack](#) is used for meeting reminders, sharing agendas and day-to-day discussions.
 - #dev: For ongoing, day-to-day (between meetings) updates / discussions / questions.
 - #angular-ui : For DSpace (Angular) UI updates, discussions and/or questions.
 - #rest-api : For DSpace REST API updates, discussions and/or questions.

Meeting topics often include:

- Recent updates on upcoming DSpace releases, bug fixes or features
- Reviewing of recent reported issues/bugs/feature requests
- Occasionally we vote or make decisions on upcoming DSpace technology plans/roadmap (see [Developer Voting Procedures](#) for more info)

If you are unable to attend a meeting, please feel free to add your own notes/comments to the meeting's wiki page.

Developers Meeting on Thurs, June 13, 2024

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There will be no meeting on Thursday, June 6 because of conflicts with those attending [OR2024](#). Meetings will resume on June 13.

Time/Location

13 Jun 2024 from [14:00-15:00 UTC](#)

Location: <https://lyrasis.zoom.us/my/dspace?pwd=RTk4QUhISnhPRI9YenVrTFJKbDIQT09> (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
 - **NOTE: Because of the number of issues found in Testathon, the 8.0 release is delayed until "high priority" tickets are solved.**
 - Bug Fix PR Creation Deadline: Friday, ~~May 3~~ May 31
 - Bug Fix PR Merge Deadline: Friday, ~~May 10~~ June 7
- Final Documentation & Release Week: ~~May 13-17~~ June 10-14
- 8.0 Release Announced: Monday, ~~May 20, 2024~~ June 17 or 24

Agenda

- **Discussion Topics** - *If you have a topic you'd like to have added to the agenda, please just add it.*
 1. **8.0 Final Release**
 - a. **"High Priority" tickets/PRs remaining:** <https://github.com/orgs/DSpace/projects/27/views/1?filterQuery=label%3A%22high+priority%22>
 - b. Merger issue between the "dSPACE-7_x" and "main" branches (at least in dSPACE-angular) because these branches have different commits applied
 - i. For example: see https://github.com/DSpace/dSPACE-angular/compare/main...dSPACE-7_x and https://github.com/DSpace/DSpace/compare/main...dSPACE-7_x
 - ii. Possible solution is: `git merge -s ours dSPACE-7.6.1` into "main". This will reset their [common ancestor](#) and is also the recommended way to ["supersede old development history of side branches"](#) according to [Git documentation](#).
 1. This action should be done after every minor release from the maintenance branch. It should always be merged back to "main" using the "-s ours" flag.
 2. Verify using "git diff". We expect "main" to have no new changes. But, if "main" has changes, that may mean additional cleanup is needed.
 - iii. [Tim Donohue](#) will create a test branch with this merger applied. That will allow us to better analyze the results.
 2. Wrap-Up from OR2024: [DSpace at OR2024](#)
 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. PRs created to backport `/api/security/csrf` REST endpoint: <https://github.com/DSpace/DSpace/pull/9599> and <https://github.com/DSpace/dSPACE-angular/pull/3063>
 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: June 17-24, 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

Discussed the status and progress of tickets on GitHub

- Tickets labeled high priority must be resolved before the 8.0 release
- Other tickets not labeled high priority can be integrated into 8.0 if time and workload allows

Discussed the updated Release Schedule

- PR Creation Deadline has been pushed to May 31
- PR Merge Deadline has been pushed to June 7
- Final Documentation & Release Week has been pushed to June 10-14
- 8.0 Release Announcement has been pushed to June 17

Discussed the merger issue between the "dspace-7_x" and "main"

- The issue creates two different branches which create merge conflicts
- Discussed a possible solution in which dspace-7_x commits are merged back into main
- Preference to merge at the tag level instead of the branch level (7.6.1)
- Will keep this on the agenda and continue discussion at a later time
- [Tim Donohue](#) will create a test branch to test how to resolve the merger conflict

Due to OR, next week's dev meeting will be canceled

- Next dev meeting will be held on Jun 13, 2024

Discussed details pertaining to the developers Q+A at OR

- Art Lowel (Atmire), Andrea Bollini (4Science), and Pascal-Nicolas Becker will present and help coordinate the workshop in cooperation with Michel e Mennielli
- Tim Donohue and Holger Lenz will attend virtually – anyone else who cannot attend in person is welcome to join the virtual tie in via Zoom: <https://lyrasis.zoom.us/my/dspace?pwd=RTk4QUhISnhPRi9YenVrTFJKbDIIT09>
- Holger Lenz will add any DSpace related OR presentations to DSpace at OR2024

Briefly mentioned updates regarding the server side rendering issues

Briefly discussed DSpace 7.x Maintenance

(Next meeting will take place on June 13, 2024)

Meeting Archives

- [2024-06-13 DSpace Developers Meeting](#)
- [2024-05-30 DSpace Developers Meeting](#)
- [2024-05-23 DSpace Developers Meeting](#)
- [2024-05-16 DSpace Developers Meeting](#)
- [2024-05-09 DSpace Developers Meeting](#)
- [2024-05-02 DSpace Developers Meeting](#)
- [2024-04-25 DSpace Developers Meeting](#)
- [2024-04-18 DSpace Developers Meeting](#)
- [2024-04-11 DSpace Developers Meeting](#)
- [2024-04-04 DSpace Developers Meeting](#)
- [2024-03-28 DSpace Developers Meeting](#)
- [2024-03-21 DSpace Developers Meeting](#)
- [2024-03-07 DSpace Developers Meeting](#)
- [2024-02-29 DSpace Developers Meeting](#)
- [2024-02-22 DSpace Developers Meeting](#)
- [2024-02-15 DSpace Developers Meeting](#)
- [2024-02-08 DSpace Developers Meeting](#)
- [2024-02-01 DSpace Developers Meeting](#)
- [2024-01-25 DSpace Developers Meeting](#)
- [2024-01-18 DSpace Developers Meeting](#)
- [2024-01-11 DSpace Developers Meeting](#)

Historical Notes and Transcripts from all Developers Meetings are available off of the [Developer Meeting Archives](#) page.