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 15:00-16:00 UTC (10am-11am EST) in https://lyrasis.zoom.us/my/dspace?pwd=RTk4QUhlSnhPRi9YenVrTFJKbDllQT09** (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.

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No meeting on March 14

There will be no meeting on Thursday, March 14 as Tim Donohue is on vacation/holiday from March 13-17. He will return to the office on Monday, March 18.

Time/Location

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

DAYLIGHT SAVING TIME has begun in USA. This meeting will be **one hour later** than normal (11:00am - 12:00pm EDT), until Europe also enters DST on March 31.

Location: https://lyrasis.zoom.us/my/dspace?pwd=RTk4QUhISnhPRi9YenVrTFJKbDllQT09 (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: 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. 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. *Preparing Documentation for Testathon:* Would anyone be willing to start helping to draft the 8.0 Release Notes? Or help start to update the Install / Upgrade docs?
     c. *Follow-up 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?
  2. *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.)
  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 (Lyrasis, 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

Meeting Archives

- 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.