

# DevMtg 2018-05-09

## Developers Meeting on Weds, May 9, 2018

### Today's Meeting Times

- DSpace Developers Meeting / Backlog Hour: 20:00 UTC in [#duraspace IRC](#) or [#dev-mtg Slack channel](#) (these two channels sync all conversations)
  - Please note that all meetings are [publicly logged](#)

## Agenda



### Quick Reminders

*Friendly reminders of upcoming meetings, discussions etc*

- [DSpace 7 Working Group](#): From May 7-18 [DSpace 7 Community Sprint 1](#) is in progress. See [DSpace 7 Community Sprints](#) page for Sprint meetings
- [DSpace Entities Working Group](#): Next meeting is TBD. See wiki page for meeting details and past meeting notes.
- [DSpace Developer Show and Tell Meetings](#): Next Show & Tell will be May 15 at 15:00 UTC.

## Discussion Topics

*If you have a topic you'd like to have added to the agenda, please just add it.*

1. (Ongoing Topic) [DSpace 7](#) Status Updates for this week (no major updates - other than Sprint going on)
  - a. [DSpace 7 Working Group](#) is currently concentrating on building out search, submission, authentication and MyDSpace functionality. 4Science submission/workflow UI (see [video](#), [slides](#)) to be submitted as series of PRs in coming weeks.
  - b. DSpace 7 Dev Status spreadsheet: [https://docs.google.com/spreadsheets/d/18brPF7cZy\\_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0](https://docs.google.com/spreadsheets/d/18brPF7cZy_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0)
2. (Ongoing Topic) DSpace 6.x Status Updates for this week
  - a. [DSpace 6.3 Release Planning](#) is ongoing. Thanks to those who have been helping out with tests and reviews over the last week.
  - b. As noted previously, the target release date is May 21, and some PRs will be shifted to 6.4 as we don't have enough resource to get through them all.
  - c. The highest priority is testing and improving the ORCID v2 API functionality (DS-3447). If you have time to help, please try out the newest pull request at <https://github.com/DSpace/DSpace/pull/2039> and join the conversation / reviews in Github.
3. Tickets, Pull Requests or Email threads/discussions requiring more attention? (*Please feel free to add any you wish to discuss under this topic*)
  - a. ORCID support broken:  [DS-3447](#) - Transition ORCID integration to ORCID API 2.0 CLOSED
  - b.  [DS-3649](#) - no longer can select eperson after upgrade to 5.6 VOLUNTEER NEEDED
  - c. JIRA tickets / PRs waiting for final approval in 6.3
    - DS-3447 <https://github.com/DSpace/DSpace/pull/2039>
    - DS-3507 <https://github.com/DSpace/DSpace/pull/2038>
    - DS-3783 <https://github.com/DSpace/DSpace/pull/2053>
    - DS-3902 <https://github.com/DSpace/DSpace/pull/2048>
    - DS-3377 <https://github.com/DSpace/DSpace/pull/2045>
    - DS-3795 <https://github.com/DSpace/DSpace/pull/2032> (master)
    - DS-3768 <https://github.com/DSpace/DSpace/pull/1890>
    - DS-3769 <https://github.com/DSpace/DSpace/pull/1891> (dep on #1890)

## Tabled Topics

These topics are ones we've touched on in the past and likely need to revisit (with other interested parties). If a topic below is of interest to you, say something and we'll promote it to an agenda topic!

1. Management of database connections for DSpace going forward (7.0 and beyond). What behavior is ideal? Also see notes at [DSpace Database Access](#)

- a. In DSpace 5, each "Context" established a new DB connection. Context then committed or aborted the connection after it was done (based on results of that request). Context could also be shared between methods if a single transaction needed to perform actions across multiple methods.
- b. In DSpace 6, Hibernate manages the DB connection pool. Each **thread** grabs a Connection from the pool. This means two Context objects could use the same Connection (if they are in the same thread). In other words, code can no longer assume each new Context() is treated as a new database transaction.
  - i. Should we be making use of SessionFactory.openSession() for READ-ONLY Contexts (or any change of Context state) to ensure we are creating a new Connection (and not simply modifying the state of an existing one)? Currently we always use sessionFactory.getCurrentSession() in HibernateDBConnection, which doesn't guarantee a new connection: [https://github.com/DSpace/DSpace/blob/dspace-6\\_x/dspace-api/src/main/java/org/dspace/core/HibernateDBConnection.java](https://github.com/DSpace/DSpace/blob/dspace-6_x/dspace-api/src/main/java/org/dspace/core/HibernateDBConnection.java)

## Ticket Summaries

1. Help us test / code review! These are tickets needing code review/testing and flagged for a future release (ordered by release & priority)

| Key     | Summary   | T | Created      | Updated      | Assignee                    | Reporter                    | P | Status             | Fix Version (s) |
|---------|---|---|--------------|--------------|-----------------------------|-----------------------------|---|--------------------|-----------------|
| DS-3962 | Improve community-list performance  |   | Jul 23, 2018 | Jul 10, 2020 | Unassigned                  | April Herron (Atmire)       |   | CODE REVIEW NEEDED | 6.5             |
| DS-4303 | Old (v4-6) REST API is deprecated in v7, remove in v8                               |   | Jul 17, 2019 | Mar 02, 2020 | Unassigned                  | Tim Donohue                 |   | CODE REVIEW NEEDED | 8.0             |
| DS-4079 | Irrelevant retention of old collection workflow steps when upgrading to xmlworkflow |   | Nov 12, 2018 | Nov 21, 2018 | Unassigned                  | Jonas Van Goolen (Atmire)   |   | CODE REVIEW NEEDED | 7.0             |
| DS-4443 | When a workspaceitem is deleted the related solr record is not deleted              |   | Feb 27, 2020 | Apr 10, 2020 | Kevin Van de Velde (Atmire) | Giuseppe Digilio (4Science) |   | CODE REVIEW NEEDED | 7.0             |
| DS-4530 | ConverterService sometimes uses default PreAuthorize for embedded resource          |   | Jun 20, 2020 | Jul 02, 2020 | Andrea Bollini (4Science)   | Andrea Bollini (4Science)   |   | CODE REVIEW NEEDED | 7.0             |
| DS-4466 | REST API should obtain language settings from Client                                |   | Mar 26, 2020 | Apr 14, 2020 | Andrea Bollini (4Science)   | Tim Donohue                 |   | CODE REVIEW NEEDED | 7.0             |
| DS-626  | Exchange Usage Data with IRUS UK/USA/AUS/...  |   | Jul 08, 2010 | Feb 20, 2020 | Bram Luyten (Atmire)        | Bram Luyten (Atmire)        |   | CODE REVIEW NEEDED | 7.0             |
| DS-4514 | Start new submission by uploading a Bibliographic File (using Live Import)          |   | May 26, 2020 | Jun 25, 2020 | Andrea Bollini (4Science)   | Tim Donohue                 |   | CODE REVIEW NEEDED | 7.0             |
| DS-4515 | Start new submission via Search or ID Lookup (using Live Import)                    |   | May 26, 2020 | Jun 24, 2020 | Andrea Bollini (4Science)   | Tim Donohue                 |   | CODE REVIEW NEEDED | 7.0             |
| DS-3385 | OAI filter to exclude set from harvesting   |   | Nov 14, 2016 | Nov 23, 2016 | Unassigned                  | Ivan Masár                  |   | CODE REVIEW NEEDED | 7.0             |
| DS-2670 | Restrospectively create DOI's for alle items in archive                             |   | Jul 22, 2015 | Jun 22, 2018 | Mark H. Wood                | Claudia Jürgen              |   | CODE REVIEW NEEDED | 7.0             |
| DS-2058 | Configurable workflow doesn't support curation tasks                                |   | Jul 09, 2014 | Nov 12, 2018 | Mark H. Wood                | Mark H. Wood                |   | CODE REVIEW NEEDED | 7.0             |
| DS-4410 | Send a "welcome letter" to new users  |   | Jan 02, 2020 | Jan 03, 2020 | Mark H. Wood                | Mark H. Wood                |   | CODE REVIEW NEEDED | 7.0             |
| DS-4370 | Allow structure builder to import beneath an existing community                     |   | Oct 21, 2019 | Oct 21, 2019 | Kim Shepherd                | Kim Shepherd                |   | CODE REVIEW NEEDED | 7.0             |
| DS-4300 | Optionally apply given Handles when importing community                             |   | Jul 15, 2019 | Jan 06, 2020 | Mark H. Wood                | Mark H. Wood                |   |                    | 7.0             |

| /collection structure |   |   |              |              |                             |                             |   | CODE REVIEW NEEDED |     |
|-----------------------|---|---|--------------|--------------|-----------------------------|-----------------------------|---|--------------------|-----|
| DS-4289               | SAF exporter does not write the 'collections' file                  | ↑ | Jul 01, 2019 | Jul 10, 2019 | Mark H. Wood                | Mark H. Wood                | ☰ | CODE REVIEW NEEDED | 7.0 |
| DS-4145               | Curation basic link checker doesn't follow redirects                | + | Jan 14, 2019 | Jan 14, 2019 | Kevin Van de Velde (Atmire) | Kevin Van de Velde (Atmire) | ☰ | CODE REVIEW NEEDED | 7.0 |
| DS-4118               | change_password and register emails have hardcoded sample addresses | ⊘ | Dec 17, 2018 | Feb 05, 2020 | Mark H. Wood                | Rob Jenson                  | ☰ | CODE REVIEW NEEDED | 7.0 |
| DS-4093               | Update maven-surefire-plugin to 3.0.0-M1                            | ☰ | Dec 03, 2018 | Dec 03, 2018 | Unassigned                  | Ivan Masár                  | ☰ | CODE REVIEW NEEDED | 7.0 |
| DS-3952               | Expose Request Copy   | + | Jul 12, 2018 | Oct 31, 2018 | Mark H. Wood                | Mark H. Wood                | ☰ | CODE REVIEW NEEDED | 7.0 |

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2. Newly created tickets this week:

| Key     | Summary   | T | Created      | Assignee   | Reporter    | P | Status             |
|---------|---|---|--------------|------------|-------------|---|--------------------|
| DS-4542 | The list of collection returned by collectionService.findAuthorizedOptimized of version 6x and 7x differs from 5x version | ⊘ | Jul 28, 2020 | Unassigned | Toni Prieto | ☰ | CODE REVIEW NEEDED |

1 issue

3. Old, unresolved tickets with activity this week:

| Key | Summary | T | Created | Updated | Assignee | Reporter | P | Status |
|-----|---------|---|---------|---------|----------|----------|---|--------|
|-----|---------|---|---------|---------|----------|----------|---|--------|

No issues found

4. Tickets resolved this week:

| Key     | Summary  | T | Created      | Assignee     | Reporter          | P | Status | Resolution |
|---------|--|---|--------------|--------------|-------------------|---|--------|------------|
| DS-4211 | Empty subcommunity causes NullPointerException when exporting metadata | ⊘ | Apr 05, 2019 | Kim Shepherd | Nicholas Woodward | ☰ | CLOSED | Fixed      |

1 issue

5. Tickets requiring review. This is the JIRA Backlog of "Received" tickets:

| Key     | Summary  | T | Created      | Updated      | Assignee   | Reporter          | P |
|---------|--|---|--------------|--------------|------------|-------------------|---|
| DS-4541 | Cross-site scripting (XSS injection) is possible in JSPUI Browse | ⊘ | Jul 21, 2020 | Jul 21, 2020 | Unassigned | Raul Ruiz         | ☰ |
| DS-4539 | Problem in the Subject menu filter                               | ⊘ | Jul 16, 2020 | Jul 16, 2020 | Unassigned | William Manucello | ☰ |

|         |  |  |              |              |            |                             |  |
|---------|--|--|--------------|--------------|------------|-----------------------------|--|
| DS-4536 | Autocomplete not working in Mirage2 (submission)                                   |  | Jul 14, 2020 | Jul 14, 2020 | Unassigned | F. Rapp                     |  |
| DS-4535 | Lookup during submission not working as expected                                   |  | Jul 09, 2020 | Jul 13, 2020 | Unassigned | F. Rapp                     |  |
| DS-4533 | Display embargo end date   |  | Jun 24, 2020 | Jun 24, 2020 | Unassigned | Philip Young                |  |
| DS-4532 | Dealing with embargo expiring during workflow                                      |  | Jun 22, 2020 | Jun 22, 2020 | Unassigned | Deborah Fitchett            |  |
| DS-4531 | Dealing with embargo expiring during workflow                                      |  | Jun 22, 2020 | Jun 22, 2020 | Unassigned | Deborah Fitchett            |  |
| DS-4528 | Scripts & processes: Integration test for parallel processes                       |  | Jun 18, 2020 | Jun 22, 2020 | Unassigned | Kevin Van de Velde (Atmire) |  |
| DS-4526 | Add unit test for new methods in CollectionService                                 |  | Jun 16, 2020 | Jun 16, 2020 | Unassigned | Andrea Bollini (4Science)   |  |
| DS-4523 | ORCID / solr authority control not working in DSpace 7                             |  | Jun 10, 2020 | Jun 10, 2020 | Unassigned | Ben Bosman                  |  |
| DS-4520 | RDFizer incompatible with Virtuoso triple store                                    |  | Jun 02, 2020 | Jun 02, 2020 | Unassigned | Tim Hendriks                |  |
| DS-4519 | RDF consumer causes exception creating admin user                                  |  | Jun 02, 2020 | Jun 02, 2020 | Unassigned | Tim Hendriks                |  |
| DS-4518 | Google Scholar Tags: deprecate citation_date in favor of citation_publication_date |  | May 29, 2020 | May 29, 2020 | Unassigned | Bram Luyten (Atmire)        |  |
| DS-4513 | IP Authentication not working in DSpace 7  |  | May 26, 2020 | Jun 04, 2020 | Unassigned | Ben Bosman                  |  |
| DS-4511 | Wrong Maximum Number of DB Connections in Pool.                                    |  | May 22, 2020 | May 22, 2020 | Unassigned | Marcio Fernandes da Costa   |  |
| DS-4505 | Performance issues with finding Collections/Communities a user has Admin rights on |  | May 15, 2020 | May 21, 2020 | Unassigned | Tim Donohue                 |  |
| DS-4502 | Handle bitstream's access conditions change for inprogress submission              |  | May 12, 2020 | May 12, 2020 | Unassigned | Giuseppe Digilio (4Science) |  |
| DS-4501 | GoogleRecorderEventListener problem  |  | May 09, 2020 | May 09, 2020 | Unassigned | Alex                        |  |
| DS-4500 | discover/search/objects incorrectly interprets Author name filter                  |  | May 08, 2020 | May 15, 2020 | Unassigned | MARIS ARINS                 |  |
| DS-4498 | DSpace 7 submission dropdown missing   |  | May 04, 2020 | May 04, 2020 | Unassigned | Ben Bosman                  |  |

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## Meeting Notes

### Meeting Transcript

- IRC Transcript is available at - <http://irclogs.duraspace.org/index.php?date=2018-05-09>