

# DevMtg 2018-06-20

## Developers Meeting on Weds, June 20, 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 \(2016-2023\)](#): Second Sprint announced (July 9-20), signups at [DSpace 7 Community Sprints](#). Next meeting is tomorrow, Thurs, June 21.
- [DSpace Entities Working Group \(2017-18\)](#): Next meeting is TBD.
  - See recent announcement from DSpace Steering regarding Entities work: <https://duraspace.org/statement-from-dspace-steering-group-on-the-dspace-7-data-model/>
- [DSpace Developer Show and Tell Meetings](#): Next Show & Tell will be June 26 at 15:00 UTC.

## Discussion Topics

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

- (Ongoing Topic) [DSpace 7 Status Updates](#) for this week
  - [DSpace 7 Working Group \(2016-2023\)](#) is where the work is taking place
  - 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)
- (Ongoing Topic) [DSpace 6.x Status Updates](#) for this week
  - [DSpace 6.3 Release Planning](#) is ongoing. Target release date (was) week of June 11 (after OR2018), in reality just "ASAP once 4.x and 5.x releases are also sorted".
  - There are just a few (minor) PRs left in the 6.3 milestone: <https://github.com/DSpace/DSpace/pulls?q=is%3Aopen+is%3Apr+milestone%3A6.3>
  - [Kim Shepherd](#) has shared a draft gist of release notes / announcement text on the DSpace Committers list, would appreciate feedback on major fix highlighting. The contributor list needs updating the day before release.
  - We need volunteers to release 4.9 and 5.9 so we can backport some important 6.x fixes and release simultaneously with 6.3
- Tickets, Pull Requests or Email threads discussion items (Please feel free to add anything to discuss under this topic)
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## 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!

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

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

key	summary	type	created	updated	assignee	reporter	priority	status	fixversions
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2. Newly created tickets this week:

key	summary	type	created	updated	assignee	reporter	priority	status
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3. Old, unresolved tickets with activity this week:

key	summary	type	created	updated	assignee	reporter	priority	status
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4. Tickets resolved this week:

key	summary	type	created	updated	assignee	reporter	priority	status	resolution
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5. Tickets requiring review. This is the JIRA Backlog of "Received" tickets:

key	summary	type	created	updated	assignee	reporter	priority
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## Meeting Notes

### Meeting Transcript

- IRC Transcript is available at - <http://irclogs.duraspace.org/index.php?date=2018-06-20>