

# DevMtg 2017-12-06

## Developers Meeting on Weds, Dec 6, 2017

### 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 \(2016-2023\)](#): Next meeting is Dec 7 at 15:00 UTC in Google Hangouts. See wiki page for meeting details and past meeting notes.
  - [DSpace 7 UI Mockups](#) - Watch this page for UI/UX mockups that are currently under discussion, etc.
- [DSpace Entities Working Group \(2017-18\)](#): Next meeting is TBD (January 2018). See wiki page for meeting details and past meeting notes.

## 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
  - a. Team is currently concentrating on building out search, submission, authentication and MyDSpace functionality
  - b. Refactoring of submission configs notes at [Configuration changes in the submission process](#)
2. (Ongoing Topic) DSpace 6.x Status Updates for this week
  - a. [DSpace 6.3 Release Planning](#) is ongoing. Looking for more contributors!
3. Policy on @author tags in code?
  - a. See [dspace-devel email thread](#)
4. Discussion of rough draft of [Proposed DSpace Java Style Guide](#)
5. Tickets or Pull Requests requiring attention? (*Please feel free to add any you wish to discuss under this topic*)

## 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. Updating code style & validating via CheckStyle : [Code Style Guide](#)
2. 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	type	created	updated	assignee	reporter	priority	status	fixversions
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2. Newly created tickets this week:

key	summary	type	created	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	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=2017-12-06>