

# DevMtg 2017-11-22

## Developers Meeting on Weds, Nov 22, 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 Notes / Reminders

- [DSpace 7 Working Group \(2016-2023\)](#): Next meeting is Nov 30 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 Dec 5 at 15:00 UTC (See poll at <https://doodle.com/poll/8f4gwykr2thrm7wt>). See wiki page for meeting details and past meeting notes.

### Discussion Topics

1. (Ongoing Topic) [DSpace 7](#) Status Updates for this week
  - a. Team is currently concentrating on building out search functionality & submission functionality
  - b. Refactoring of submission configs notes at [Configuration changes in the submission process](#)
2. [DSpace 6.3 Release Planning](#)
3. DSpace High Priority Tickets
  - a. High Priority (Blocker, Critical or Major) and flagged for release

key	summary	type	created	updated	assignee	reporter	priority	status	fixversions
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- b. Need Code Review, Flagged for Release

key	summary	type	created	updated	assignee	reporter	priority	status	fixversions
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4. Other Tickets needing discussion / attention? (*Please feel free to add any you wish to discuss under this topic*)
5. Ongoing discussion topics:
  - a. Updating code style & validating via CheckStyle : [Code Style Guide](#)
  - b. Management of database connections for DSpace going forward (7.0 and beyond). What behavior is ideal? Also see notes at [DSpace Database Access](#)
    - i. 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.
    - ii. 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.
      1. 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)

- a. Please feel free to bring any that need eyes / immediate discussion
- b. [JIRA Backlog of "Received" tickets](#)
- c. [All open PRs](#)

## Ticket Summaries

1. Help us test / code review! These are tickets needing code review/testing and flagged for a future release:

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=2017-11-22>