

DevMtg 2018-06-27

Developers Meeting on Weds, June 27, 2018

Today's Meeting Times



- DSpace Developers Meeting / Backlog Hour: 15:00 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

[Tim Donohue](#) has some vacation / holiday time coming up in the next few weeks.



- June 27: Unavailable in the morning. Around in afternoon.
- July 2-6: On holiday. Will be rarely checking email. Returning to office on July 9.

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 28 at 14:00 UTC
- [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 July 31 at 15:00 UTC. The topic will be REST API Tools.

Discussion Topics

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

1. **NO MEETING on Weds, July 4.** This is a USA Holiday. We will return to our normal schedule on Weds, July 11 at 15:00 UTC.
2. (Ongoing Topic) [DSpace 7 Status Updates](#) for this week. *No major updates this week.*
 - a. [DSpace 7 Working Group \(2016-2023\)](#) is where the work is taking place
 - b. DSpace 7 Dev Status spreadsheet: https://docs.google.com/spreadsheets/d/18brPF7cZy_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0
3. (Ongoing Topic) DSpace 6.x Status Updates for this week
 - a. [DSpace 6.3 Release](#) is complete. Woo! Announcements and security advisories have been sent. Thanks to everyone who helped with PRs, testing, reviews and release tasks!
4. Any interest in folks from this meeting taking part in the next [DSpace 7 Community Sprint](#) (July 9-20)?
 - a. Currently, looks like it'll be a small group. But, this is a great opportunity to learn "hands-on" with support from Sprint Coaches (via Slack and meetings). Again, we have no availability requirements. Even simply claiming one ticket to work on would be of help.
5. Now that 6.3 is out the door, we have an opportunity to bring other topics to this agenda. Any brainstorms/ideas on upcoming topics that are of interest to this weekly meeting?
6. Tickets, Pull Requests or Email threads/discussions requiring more attention? (*Please feel free to add any you wish to discuss under this topic*)
 - a. Master ports from 6.3. [Kim Shepherd](#) has a Google Sheet with a list of issues that we've had to close to ensure the 6.3 changelog was accurate, but which are still waiting on pull requests for master to be written / merged. As we're working through this list, we should remove the 'port to master' label from the dspace-6.x PR and if possible, edit the JIRA comment to remove the "63_PORT_TO_MASTER" text. The following link gives anyone edit access so please be kind, I trust you all! https://docs.google.com/spreadsheets/d/1X-Zk56gz-wg6p7JaiuBzzUquqOvwwx_-o_ZDDvGPSQU/edit?usp=sharing
 - b. Preparing for 6.4: Another message from [Kim Shepherd](#), who is as sick of 6.x as all of you 😊 We need to move all open JIRA issues with fix version of 6.3 to 6.4, and the sooner we get onto reviewing and merging PRs, keeping on top of ports and documentation and admin tasks etc, the smoother the next bugfix release will be.

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

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
Unable to locate Jira server for this macro. It may be due to Application Link configuration.									

2. Newly created tickets this week:

key	summary	type	created	assignee	reporter	priority	status
Unable to locate Jira server for this macro. It may be due to Application Link configuration.							

3. Old, unresolved tickets with activity this week:

key	summary	type	created	updated	assignee	reporter	priority	status
Unable to locate Jira server for this macro. It may be due to Application Link configuration.								

4. Tickets resolved this week:

key	summary	type	created	assignee	reporter	priority	status	resolution
Unable to locate Jira server for this macro. It may be due to Application Link configuration.								

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

key	summary	type	created	updated	assignee	reporter	priority
Unable to locate Jira server for this macro. It may be due to Application Link configuration.							

Meeting Notes

Meeting Transcript

- IRC Transcript is available at - <http://irclogs.duraspace.org/index.php?date=2018-06-27>