

# DevMtg 2018-07-18

## Developers Meeting on Weds, July 18, 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

[Tim Donohue](#) will be out of the office most of next week (July 23-26). Returning to the office on Friday, July 27.



Next week's meeting on Weds, July 25 to concentrate on [DSpace and Docker](#) (Led by [Terrence W Brady](#) and [Pascal-Nicolas Becker](#) )

*Friendly reminders of upcoming meetings, discussions etc*

- [DSpace 7 Working Group \(2016-2023\)](#): Second Sprint ongoing (July 9-20): [DSpace 7 Community Sprint 2](#)
- [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. (Ongoing Topic) [DSpace 7](#) Status Updates for this week. *No major updates this week, Sprint #2 is ongoing*
  - 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](https://docs.google.com/spreadsheets/d/18brPF7cZy_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0)
2. (Ongoing Topic) DSpace 6.x Status Updates for this week
  - a. **Master ports from 6.3.** A number of PRs merged into 6.3 release have not yet been ported to 'master' branch. These PRs are closed but still have the "port to master" label.
    - i. [https://docs.google.com/spreadsheets/d/1X-Zk56gz-wg6p7JaiuBzzUquqOvwwx\\_-o\\_ZDDvGPSQU/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1X-Zk56gz-wg6p7JaiuBzzUquqOvwwx_-o_ZDDvGPSQU/edit?usp=sharing)
    - ii. 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.
  - b. 6.4 will surely happen at some point, but no definitive plan or schedule at this time. Please continue to help move forward / merge PRs into the dspace-6.x branch, and we can continue to monitor when a 6.4 release makes sense.
3. Brainstorms for "Plumbing" changes (from last week's meeting)
  - a. Bulk Operations Support Enhancements (from [Mark H. Wood](#))
    - i. Better support for bulk operations (in database layer), so that business logic doesn't need to know so much about the database layer. Specifically, perhaps a way to pass a callback into the database layer, to be applied iteratively to the results of a query.
    - ii. Then, the database layer can handle batching, transaction boundaries, and other things that it should know about, and the business logic won't have to deal with them.
    - iii. This is the result of thinking about a recent -tech posting from a site with half a million objects that needed checksum processing.
    - iv. (This is almost an extension of the tabled topic below regarding [DSpace Database Access](#), but a bit more specific in trying to simplify/improve upon how bulk operations are handled)
  - b. [Curation System Needs](#) (from [Terrence W Brady](#) )
4. Tickets, Pull Requests or Email threads/discussions requiring more attention? (*Please feel free to add any you wish to discuss under this topic*)
5. FUTURE TOPIC: How to encourage / credit folks who do Code Reviews? ([Tim Donohue](#))
  - a. We have a lot of open PRs. As we know, the process for reviewing is very ad-hoc, sometimes encounters delays. If we can find ways to encourage/empower folks (even non-Committers if they know Java / Angular well) to do code reviews & be credited publicly...maybe we can speed up this process?
  - b. Other brainstorms welcome!

### 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](#)

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=2018-07-18>