

# DevMtg 2018-03-21

## Developers Meeting on Weds, March 21, 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](#)

*NOTE: For those who entered Daylight Savings time recently (e.g. North America), this meeting is now one hour LATER (e.g. 11am-12pm EDT).*

### Agenda

#### Quick Reminders

*Friendly reminders of upcoming meetings, discussions etc*

- [DSpace 7 Working Group \(2016-2023\)](#): Next meeting is March 22 at **14:00 UTC (note new time)** in [DSpace Meeting Room](#). See wiki page for meeting details and past meeting notes.
- [DSpace Entities Working Group \(2017-18\)](#): Next meeting March 23 at 15:00 UTC. See wiki page for meeting details and past meeting notes.
- [DSpace Developer Show and Tell Meetings](#): Next Show & Tell will be March 27 at 15:00 UTC. See agenda at [Janitor and DSpace, DSpace Development on Codenvy - Mar 27, 2018 at 1500 UTC](#)

#### Discussion Topics

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

1. DSpace Entities Working Group Updates
  - a. Option #3 & "key requirements" section added to DSpace Entities Overview / Discussion doc: [https://docs.google.com/document/d/1exm\\_xLT0xUMszOvX5itSMFTn5eiGCdggL0Mf522GjHU/edit](https://docs.google.com/document/d/1exm_xLT0xUMszOvX5itSMFTn5eiGCdggL0Mf522GjHU/edit)
  - b. Today, DSpace Steering discussed in more detail. Tim will report back
2. (Ongoing Topic) [DSpace 7](#) Status Updates for this week
  - a. (NEW) [DSpace 7 Community Sprints](#) are in planning phase.
  - b. [DSpace 7 Working Group \(2016-2023\)](#) is currently concentrating on building out search, submission, authentication and MyDSpace functionality
  - c. 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)
3. (Ongoing Topic) DSpace 6.x Status Updates for this week
  - a. (NEW) [DSpace 6.3 Release Planning](#) has begun (thanks to [Kim Shepherd](#))
  - b. We could use your support! See also the call for participation on all lists: <https://groups.google.com/d/msg/dspace-tech/pBy714dGqUo/MGszGDCYAgAJ>
4. Tickets, Pull Requests or Email threads/discussions requiring more attention? (Please feel free to add any you wish to discuss under this topic)
  - a. ORCID support broken? Unable to locate Jira server for this macro. It may be due to Application Link configuration.
  - b. DSpace 6 performance is
  - c. Unable to locate Jira server for this macro. It may be due to Application Link configuration.

#### 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](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=2018-03-21>