# **DevMtg 2017-10-18**

### Developers Meeting on Weds, Oct 18, 2017

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

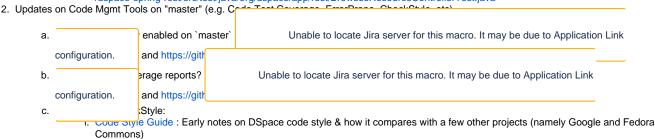
### Agenda

#### **Quick Notes / Reminders**

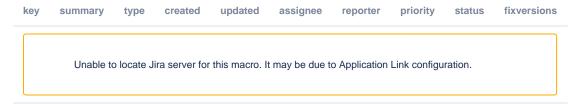
- DSpace 7 Working Group (2016-2023): Next meeting is TOMORROW, Oct 19 at 15:00 UTC (11:00am EDT) in Google Hangouts. See wiki page for meeting details and past meeting notes.
  - o DSpace 7 UI Mockups Watch this page for UI/UX mockups that are currently under discussion, etc.
- DSpace Entities Working Group (2017-18): Next meeting is Friday, Oct 27 at 15:00UTC (11:00am EDT). 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. General support for movement towards code coverage tools, ErrorProne and CheckStyle on "master"
  - c. DSpace 7 REST Testing Framework
    - i. https://github.com/DSpace/DSpace/pull/1866
    - iii. Example test of /browses endpoint: https://github.com/atmire/DSpace/blob/31e28563b0e9bc44478e5cc7010c2fa72b667cb4 /dspace-spring-rest/src/test/java/org/dspace/app/rest/BrowsesResourceControllerTest.java



- 3. DSpace High Priority Tickets
  - a. High Priority (Blocker, Critical or Major) and flagged for release



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. 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
- 6. Reviewing JIRA Tickets or PRs
  - a. Please feel free to bring any that need eyes / immediate discussion
  - b. JIRA Backlog of "Received" tickets
  - c. All open PRs

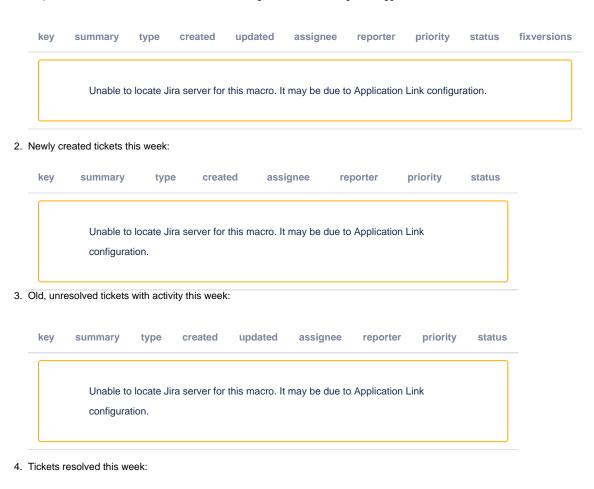
#### **Ticket Summaries**

key

summary

configuration.

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



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

created

type

assignee

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reporter

priority

status

resolution

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## Meeting Notes

### **Meeting Transcript**

• IRC Transcript is available at - http://irclogs.duraspace.org/index.php?date=2017-10-18