DevMtg 2017-10-04

Developers Meeting on Weds, Oct 4, 2017

Today's Meeting Times (i)

- DSpace Developers Meeting / Backlog Hour: 15:00 UTC in #duraspace IRC or #dev-mtg Slack channel (these two channels sync all
 - Please note that all meetings are publicly logged

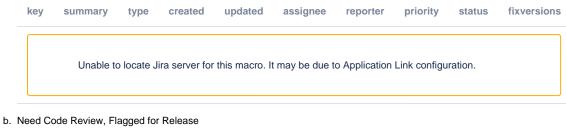
Agenda

Quick Notes / Reminders

- NEXT DSpace 7 UI MEETING: TOMORROW, Oct 5 at 15:00 UTC (11:00am EDT) in Google Hangouts
 - DSpace 7 Working Group (2016-2023) Watch this page for initial ongoing updates on meetings, etc.
 - DSpace 7 UI Mockups Watch this page for UI/UX mockups that are currently under discussion, etc.

Discussion Topics

- 1. (Ongoing Topic) DSpace 7 Status Updates for this week
 - a. Tim will be attending DSpace 7 Marketing Working Group (2016-2020) (every two weeks) to bridge discussions between this group and tech team. This group will help provide a RepoMgr point of view to DSpace 7 efforts. (Join the #outreach channel on slack for more info)
 - b. DSpace 7 UI Mockups is where we've been adding in new UI mockups. These mockups are discussed in detail with DSpace 7 team and also with Outreach. But external feedback also welcome!
 - Currently team is concentrating on building out search functionality & submission functionality
- 2. New DSpace Entities Working Group (2017-18) being established. If interested, there's a Doodle poll for the first meeting
- 3. DOI field discussion. Where do we store DOIs going forward? (dc.identifier.doi?)
 - a. See this #dev Slack discussion on Sept 20: https://dspace-org.slack.com/archives/C3SG47SGY/p1505923323000280
- 4. DSpace High Priority Tickets
 - a. High Priority (Blocker, Critical or Major) and flagged for release



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- 5. Other Tickets needing discussion / attention? (Please feel free to add any you wish to discuss under this topic)
- 6. 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
 - 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

- 7. 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

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

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2. Newly created tickets this week:

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3. Old, unresolved tickets with activity this week:

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4. Tickets resolved this week:

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

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Meeting Notes

Meeting Transcript

• IRC Transcript is available at - http://irclogs.duraspace.org/index.php?date=2017-10-04