2017-10-05 DSpace 7 Working Group Meeting notes

Date
05 Oct 2017

Discussion (combined Angular UI & REST meeting)

Attendees

- Art Lowel (Atmire)
- Tim Donohue
- Giuseppe Digilio (4Science)
- Mark H. Wood
- William Welling
- Matheus Silva

Notes

- Angular UI Team updates (from Art)
  - Lots of great work this week on Angular UI. All these PRs were merged:
    - https://github.com/DSpace/dspace-angular/pull/149
    - https://github.com/DSpace/dspace-angular/pull/151
    - https://github.com/DSpace/dspace-angular/pull/156
  - Plus these new bugs/issues were discovered, fixed and merged:
    - https://github.com/DSpace/dspace-angular/pull/166
    - https://github.com/DSpace/dspace-angular/pull/158
  - Also added Coveralls this week to check our spec/test coverage. We've setup GitHub to fail PRs which decrease test coverage by more than 1%.
    - https://github.com/DSpace/dspace-angular/pull/157
    - After enabling Coveralls though, we realized the initial numbers were inaccurate, as it only calculates coverage on classes loaded into test environment.
    - William Welling will investigate how to get a more accurate coverage percentage, and start to add in some missing top level route tests
  - PRs for review
    - https://github.com/DSpace/dspace-angular/pull/163 (Approved and merged)
    - https://github.com/DSpace/dspace-angular/pull/169 (To be merged)
    - https://github.com/DSpace/dspace-angular/pull/168 (To be merged)
  - New tasks added for Search functionality:
    - https://github.com/DSpace/dspace-angular/issues/170
    - https://github.com/DSpace/dspace-angular/issues/171
    - https://github.com/DSpace/dspace-angular/issues/172
    - https://github.com/DSpace/dspace-angular/issues/173
    - https://github.com/DSpace/dspace-angular/issues/174

- REST API Updates (from Andrea)
  - Andrea Bollini (4Science) is out today, but passed along his updates via Slack
  - On the REST part it will be nice if
    - you can check if there is an agreement on https://github.com/DSpace/DSpace/pull/1726 and eventually merge
    - Tom said looks good enough for now. Tim will review too
    - discuss further the https://github.com/DSpace/DSpace/pull/1843 as there are some questions that need clarifications
    - Mark W attended meeting and said he was satisfied. Wanted to just be sure his question was being considered as this moves forward
    - verify the latest comments on https://github.com/DSpace/Rest7Contract/pull/11
  - In progress PRs that could receive reviews:
    - https://github.com/DSpace/DSpace/pull/1847
    - https://github.com/DSpace/DSpace/pull/1852
  - Tickets that need volunteers
    - test framework for the REST webapp
    - Tom Desair may be interested
    - authentication, we have had a very useful conversation on that in August but now we need to start some concrete exploration https://github.com/DSpace/Rest7Contract/issues/10
    - Art thinks Tom has been doing a bit of testing. May need to get a report back, if so.

- Discussion of Testing of Java API / REST API
  - Tim is investigating enabling ErrorProne on "master" branch: https://github.com/google/error-prone and http://errorprone.info/
  - It has already find a good number of minor issues in our Java API
  - PR will be coming along with fixes
  - Tim also investigated enabling Unit Test coverage on "master" (via Coveralls or similar) like we've done on dspace-angular

DS-3484 - Data cannot be retrieved due to an unexpected error.
Unfortunately, this is not easy to do. Our Unit Test classes were never refactored in line with the DSpace 6 API refactor (e.g. DSpace 6 API has "ItemService" classes, but unit tests are still named "ItemTest")...so, coverage tests report 0% coverage. We'd have to refactor Unit Test classes first, then work to add in more coverage. Tim will create a JIRA ticket about this.

Ticket created: DS-3711 - Data cannot be retrieved due to an unexpected error.

Giuseppe mentions he's still having issues when debugging code with Lazy Routes. We'll create a ticket in dspace-angular to discuss how to more easily debug code when using Lazy routing.

Next Meeting is Thurs, Oct 12 at 15UTC via Google Hangouts

- Give updates on latest status.
- Report back from next DSpace 7 Outreach meeting on Oct 11.
- Everyone should also add more feedback to the Submission wizard and Duplicate detection and merge tool mockups