2018-01-18 DSpace 7 Working Group Meeting notes

Date

18 Jan 2018

Discussion (combined Angular UI & REST meeting)

Attendees

- Andrea Bollini (4Science)
- Art Lowel (Atmire)
- Giuseppe Digilio (4Science)
- Patrick Trottier
- Terrence W Brady
- Tim Donohue
- Tom Desair
- Mark H. Wood

Meeting in DSpace Meeting Room

Notes

- DSpace 7 Planning discussion
  - Tim has not had as much time as hoped to work on the planning spreadsheet. A very rough start though at: https://docs.google.com /spreadsheets/d/18brPF7cZy_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit?usp=sharing
    - This was based heavily on an earlier planning spreadsheet from Atmire
    - Currently the data is inaccurate.
    - **ACTION:** To be enhanced / cleaned up by Tim in next week
  - How will this spreadsheet relate to the Waffle Board (for Angular UI) and JIRA (for REST API)?
    - The spreadsheet should be higher level planning. More oriented around features, and eventually sprints. One feature may map to multiple tickets
    - However, please keep Tim honest on this as we move this forward
- DSpace Outreach Team Mtg
  - Met yesterday, and this team is beginning to work on an early draft of a feature list for DSpace (oriented towards the DSpace 7 release, but also includes existing features)
  - This document will be aimed at a repository manager (and above) audience. Will also be working to get input/feedback from DCAT in coming weeks/months
  - Very early, rough draft / framework started at https://docs.google.com/document/d/1M5f9FE-V3eQDYnKc1b7wOv5thT143oTdUGtf-Vqk7Gw/edit
  - Will promote more once the content is filled out a bit more
- OR2018 Propoals - All three were submitted
  - Submitted proposals are listed here: https://docs.google.com/document/d/1LL3czkqklcZpSnDT7bvjmSu4FqzOa6uX7KIMO69PSBk/edit
- Angular UI Team updates (via Art)
  - Note: Angular demo site currently broken cause of updates to REST API demo site that were slightly buggy. (UPDATE: this is now fixed)
  - Merged PR: https://github.com/DSpace/dspace-angular/pull/202
  - Almost ready to merge (a few final tests to add): https://github.com/DSpace/dspace-angular/pull/211
  - Travis CI is currently using the **live** REST API demo (hosted by 4Science). This means Travis tests can fail if that demo site is down or otherwise "incompatible" with current tests. This seems like an issue
    - Should we mock a REST API?
      - Tim says yes. It's not good to have tests dependent on an external site
      - We used to do this as static JSON files, e.g. see the old static data here: https://github.com/DSpace/dspace-angular /tree/master/src/backend
      - Ideally though we aren't doing duplicative work here...and can somehow use the REST API itself? Instead of creating static mocks/JSON to test against?
      - Andrea also not sure that all tests can be run against static JSON... e.g. tests that involve content negotiation, or even possible authentication?
    - Is there a way to either automate the REST API mock (via Spring Docs sample JSON?) ... or maybe have Travis install a temporary REST API to perform the tests?
    - We need a ticket for this to add notes & investigate the best way to resolve this.
  - Angular 5 upgrade progress
    - William won't be able to work on for some time. He has travel in near future
    - **ACTION:** Art will take this over and begin investigating the upgrade process
- REST API Updates (from Andrea)
  - Merged https://github.com/DSpace/DSpace/pull/1881/
  - Fix for REST API demo coming soon (from Tom). Andrea will update demo and merge ASAP once ready
  - In reviewing https://github.com/DSpace/DSpace/pull/1898 we noticed a minor bug
    - Endpoints that end with Slash should not be responded to. This is unexpected behavior from a REST API. Should be logged as a bug.
  - Ready to be merged: https://github.com/DSpace/DSpace/pull/1920
  - Dependency issues in getting new REST API running locally: https://github.com/DSpace/DSpace/pull/1921
    - This concept seems fine as a "quick fix"

- However, Tim notes that the better fix is to..
  - : Unable to locate Jira server for this macro. It may be due to Application Link configuration.
  - rsion 2, as noted in the documentation here: https://docs.spring.io/spring-boot/docs/current/reference/html/howto-logging.html#howto-configure-log4j-for-logging
    - **ACTION:** Patrick Trottier has volunteered to investigate the "better fix" and get use updated to log4j version 2.
    - In the meantime, we should merge the "quick fix" just to get the build working again. We can revert some of these dependency exclusions once the "better fix" is ready.
  - Terry asks about REST API Authentication. Basic auth seems to be working fine. Should all other authentication plugins also be working? (e.g. Shibboleth)
    - Tom says they should all likely be working, except for possibly Shibboleth...as Shib requires a lot of redirects (to the Shib IdP and back) to complete the full authentication process
    - This may require the Angular UI to handle some of this redirection in order to complete the Shib authentication. Unsure how this should be handled
    - **ACTION:** Tom has volunteered to investigate how other Angular (or Javascript) apps support Shib / SAML2 authentication. Perhaps we can learn from them or find a plugin to handle this.
    - **ACTION:** Terry will also do some basic testing of the Shibboleth authentication as-is, to see what works/doesn't
- **Next Meeting will be Thurs, Jan 25 at 15:00UTC in DSpace Meeting Room**