

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 Proposals - 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..
 - 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](#)**