2018-02-08 DSpace 7 Working Group Meeting notes

Date
08 Feb 2018

Discussion (combined Angular UI & REST meeting)

Attendees
- Andrea Bollini (4Science)
- Art Lowel (Atmire)
- Giuseppe Digilio (4Science)
- Patrick Trotter
- Tim Donohue
- Mark H. Wood
- Terrence W Brady
- Pascal-Nicolas Becker

Location: DSpace Meeting Room

Notes

- General Updates
  - Planning Spreadsheet: https://docs.google.com/spreadsheets/d/18brPF7cZy_UIKyj97Ta44UJg5Z8OwJG7PlOlPjVz-g3g/edit?usp=sharing
    - Updated by Art & Andrea to current status
    - Tim shared with Steering yesterday. Not enough time left in Steering mtg for much discussion, but they plan to give feedback via email
  - OR2018: Both of our DSpace 7 Workshops were accepted. So, we'll have both an Angular Workshop and a REST Workshop

- Angular UI Team updates (via Art)
  - Angular 5 upgrade is nearly ready to merge: https://github.com/DSpace/dspace-angular/pull/214 Reviewed & approved by William Welling.
  - Patrick said his tests look good overall
  - Tim tested on Windows (during discussion). Looks to work
  - Art will merge after mtg. (UPDATE: Done! PR merged)
  - Angular 5’s Transfer State API: https://github.com/DSpace/dspace-angular/pull/220 Also reviewed/approved by William
    - ACTION (Tim): Test that server side rendering works correctly. Turn off Javascript (UPDATE: Done! PR merged)
  - Art working on Search service UI. Hopes to have an initial version ready to share by next week's meeting
  - Lotte has a PR for search page truncation: https://github.com/DSpace/dspace-angular/pull/221
    - Art demoed this work via screensharing
    - Looks good overall. Some institutions might want to configure which fields are truncated (Art notes that's configurable)
    - Seems like a good first step. We can always improve later on (after merger) if folks run into issues or find things confusing.
  - Giuseppe is working on Authentication
    - Giuseppe demos the new Authentication/Login UI via screensharing. Art & Tim agree it looks great.
    - Giuseppe notes that Angular seems to have issues when a REST API returns a 200 response with an empty body. Seems to be the HTTP client?
      - This occurs currently in dspace-angular in at least two places:
        - If a community/collection logo doesn't exist
        - Also occurs during successful authentication
      - Art notes that 204 response seems to be more appropriate if the body is empty: https://httpstatus.es.com/204
        - This might be the most appropriate response for a community/collection without a logo, as logos are completely optional
      - Terry notes that, for authentication, maybe the response shouldn’t be empty. It might be helpful to pass back some info?
      - ACTION (Andrea or Giuseppe): Create a ticket for REST API. A 200 response should never return an empty body. If there are situations where we feel the body should be empty, this should be a 204 Response.

- REST API Updates (via Andrea)
  - Per above REST API response discussion, Terry notes that he’s seen issues with changing the response code in REST API:
    - DS-3819 - Return 303 when Shibboleth redirect is needed [CLOSED]
  - Not many REST API updates to share this week.
  - One ticket closed/merged: DS-3807 - Legacy rest service is not working on the master branch [CLOSED]
  - Tom provided some updates (via Slack) on PRs mentioned last week
    - We’re also working on the Hibernate deprecation warnings in this branch https://github.com/Atmire/DSpace/commits/DS-3741_hibernate-deprecation-fix
      - This is almost ready.
  - Andrea has been looking around at how other REST APIs manage object states / move things through workflow
    - Looked at Amazon EC2…seems more simple than what we need
    - Also found this good overview of options: http://www.kennethlange.com/posts/Modeling-Workflows-in-REST-APIs.html
      - None of these options sound great. Andrea’s also not sure he agrees with the author’s conclusion in this blog post.
* Terry notes he's got some questions about how the IntegrationTests work for Shibboleth auth: [https://github.com/DSpace/DSpace/pull/1927/files#diff-20f035831f26be5c523c5b8fc4f000e6R325](https://github.com/DSpace/DSpace/pull/1927/files#diff-20f035831f26be5c523c5b8fc4f000e6R325)
  * Terry demos shib auth via the HAL Browser. It "works", but isn't perfect quite yet.
  * Terry has already pinged Tom around the IT tests
* Terry plugs the upcoming DSpace Developer Show and Tell Meetings. If you are interested, fill out the Doodle poll on the bottom of that page.

* Next Meeting will be Thurs, Feb 15 at 15:00UTC in DSpace Meeting Room