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_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-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 serverside 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://httpstatuses.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](https://github.com/DSpace/DSpace/pull/1915) - Return 303 when Shibboleth redirect is needed [CLOSED]
  - Not many REST API updates to share this week.
  - One ticket closed/merged: [DS-3807](https://github.com/DSpace/DSpace/pull/1916) - 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](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-20f035831f26ee5c523cb89fc4000e6r325
  • 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