2018-11-29 DSpace 7 Working Group Meeting

Date
29 Nov 2018 from 15:00-16:00 UTC

Location: https://duraspace.zoom.us/my/dspace (Meeting ID: 502 527 3040).

- More connection options available at DSpace Meeting Room

Agenda

- General development / planning updates (Tim)
  - DSpace 7 ResourceSync contributions coming soon from Dimitris Pierrakos (OpenAIRE)
  - Starting testing/validation from existing ResourceSync PR: https://github.com/DSpace/DSpace/pull/2065
  - Helping to create install/configuration documentation for DSpace 7
- Quick updates on Angular UI tickets and/or PRs (Art)
- Quick updates on REST API tickets and/or PRs (Andrea)

General Discussion Topics

- DSpace 7 installation/customization process. Documenting our plan/goal for 7.0
  - Updates on "One Webapp Backend" PR: https://github.com/DSpace/DSpace/pull/2265 First example of a webapp (SWORv1) that fully integrated & configurable.
  - Also updated docs at: DSpace Backend as One Webapp
- (Last 15mins) Development planning/updates in Development Planning Spreadsheet.

Attendees

- Art Lowel (Atmire)
- Andrea Bollini (4Science)
- Tim Donohue
- Lieven Droogmans
- Mark H. Wood
- Giuseppe Digilio (4Science)
- Ben Bosman

Notes
(Notes below copied from last meeting. Details will be updated during this meeting.)

- General Updates (Tim)
  - Angular Team Updates (Art)
    - Merged PRs:
      - https://github.com/DSpace/dspace-angular/pull/325
    - In Progress tickets / PRs:
      - Lotte working on the menus (based on mockups)
        - Wiki page for side menu mockups: Menu Mockups
      - Kristoff creating & editing Communities, Collections & Items
    - Tickets / PRs requiring review:
      - https://github.com/DSpace/dspace-angular/pull/330
        - Tests were not triggered until she was added as a developer to dspace-angular? Is there a setting missing?
      - Several small PRs from Bram (reviewed by Art, waiting on updates)
        - https://github.com/DSpace/dspace-angular/pull/329 (needs secondary review)
        - https://github.com/DSpace/dspace-angular/pull/324 (needs secondary review)
      - Entities PR: https://github.com/DSpace/dspace-angular/pull/315
        - Feedback from Tim. Updates based on feedback.
        - Needs a re-review.
        - New issue found around managing Bundles. https://github.com/DSpace/Rest7Contract/issues/32
          - Needs to get into JIRA. (TODO: TIM will create a JIRA ticket)
    - Discussion: How should Bundles be represented in the REST API?
      - Currently, they are not represented (as plan was to replace them eventually in the RoadMap).
      - However, Bundles are real objects on the backend. They not only “group” Bitstreams, but also have a “primary_bitstream_id” setting and a bitstream_order.
      - DECISION: Bundle needs to make it into the REST API layer for DSpace 7. Once we find a suitable replacements for Bundle (maybe Entities will help), we can change the REST API layer as needed – however, that replacement likely won't happen until post-DSpace 7.
    - Angular 6 PR becoming a high priority: https://github.com/DSpace/dspace-angular/pull/320
      - Discussion: Conflict here between the Angular 6 and the Submission work. Angular 6 upgrade had to remove a giant "switch" (for incompatibility reasons) that seems to have broken a few custom Submission components. This seems to have broken specific components (not yet used) that will be used for the submission process (in PR#279 below).
      - How do we fix this incompatibility? Atmire is not as familiar with Submission components. Giuseppe is not as familiar with Angular 6 upgrade
Final decision: Merge Angular 6 PR soon. Submission/Workflow PR will need to be updated to Angular 6 & will need to fix the broken components.

- Submission/Workflow PR: https://github.com/DSpace/dspace-angular/pull/279 (Trying to complete by end of November, but cannot guarantee at this time.)
- This ticket is also waiting on Tests/Specs to be implemented

**REST Team Updates**

- NOTES BELOW ARE FROM LAST MEETING. DID NOT GET TO REST API UPDATES
- Open PRs: https://github.com/DSpace/DSpace/pulls?q=is%3Apr+is%3Aopen+label%3A%22REST+API+v7%22+sort%3Aupdated-desc
- Merged PRs:
  - https://github.com/DSpace/DSpace/pull/2258
- In Progress tickets / PRs:
  - https://github.com/4Science/DSpace/pull/37 (Still waiting on Andrea to find time to create a PR from this
  - After that PR, we also will have a MyDSpace PR to complete the REST API side of Submission & Workflow
  - Atmire will be creating separate PRs for each Content Mgmt feature (see our spreadsheet for full list)
  - Still in the design phase
- Atmire looking at dynamically adding HAL links (making it more configurable).
- Tickets / PRs requiring review:
  - Lots of tickets open and waiting for final reviews
  - https://github.com/DSpace/DSpace/pull/2173 (Recent updates, waiting for rereview)
  - https://github.com/DSpace/DSpace/pull/2129 (Recent updates, some more feedback to take into account. Nearly ready to go.)
  - https://github.com/DSpace/DSpace/pull/2128 (Approved by Tim. Needs re-review from Andrea Bollini (4Science))
  - https://github.com/DSpace/DSpace/pull/2257 (New PR, needs initial review)
  - https://github.com/DSpace/DSpace/pull/2253 (New, small PR. Needs quick review)
  - Contract updates regarding Curation Tasks (from Ben): https://github.com/DSpace/Rest7Contract/pull/17

- DSpace 7 installation/customization process.
  - Updated PR could use more eyes: https://github.com/DSpace/DSpace/pull/2265
  - See also early docs at: DSpace Backend as One Webapp

- Development planning/updates in Development Planning Spreadsheet. (Did not touch on today)
  - The Next Meeting will be Wednesday, Dec 5 at 15:00UTC (10:00am EST) in DSpace Meeting Room
  - Main agenda item will be to discuss planning for 7.0 "Preview Release" in January. Which features listed on Planning Spreadsheet will be included? What are the timelines for their development.
  - NOTE: Tim has a conflict on Dec 6. Meeting moved to Wednesday morning.