2019-01-10 DSpace 7 Working Group Meeting

Date
10 Jan 2019 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**

- (5 mins) General development / planning updates (Tim)
- (20 mins) OR2019 Presentation / Workshop planning. Proposals are due January 16 (extended)
  - Possible OR2019 Workshops
    - DSpace 7 Upgrading / Configuring / Customizing workshop (Tim, Art & Andrea) (for Users – Repo Mgrs and Developers). (Presenters: Tim Donohue, Art Lowel, Andrea Bollini)
      - This will be two 1/2 day workshops:
        - First 1/2 day will concentrate on DSpace 7 from a "technician" perspective. How to install /upgrade / configure DSpace 7. How to do minor customizations like header/footer/theme changes.
        - Second 1/2 day will concentrate on DSpace 7 advanced customization (for developers). How to enhance the UI via Angular. How to use the REST API, etc.
    - DSpace + Docker Workshop (Terry & Pascal). How to demo/play/develop with DSpace in Docker (both DSpace 6 and 7). (Presenters: Terry Brady & Pascal Becker)
      - Ideally this would not conflict with main DSpace 7 workshop, or we'd find a way to tailor each to different audiences.
  - Possible OR2019 Talks
    - General 'Introducing DSpace 7' talk (Tim). What's in DSpace 7? Higher level overview, flashy demo, references to other "deep dive" talks. (Presenters: Tim Donohue)
    - DSpace 7 - The Power of Configurable Entities (Lieven). Overview of new feature, how to configure & customize your DSpace via Entities (Presenters: Lieven Droogmans)
      - a DSpace-CRIS 7 talk is expected as continuation of the Configurable Entities talk
    - DSpace 7 - Enhanced Submission & Workflow (Andrea & Giuseppe). Overview of new features & deeper dive on configuring/customizing/using (Presenters: Andrea Bollini & Giuseppe)
    - DSpace 7 - Open for integration. REST API talk (Andrea) (Presenters: Andrea Bollini)
    - DSpace 7 - High quality software. Developer best practice (DEV Track - Andrea) (Presenters: Andrea Bollini (lead), Giuseppe Digilio, Terry Brady (Docker), Tim Donohue)
    - DSpace 7 - New Angular User Interface (Ignace & Art) Overview of new UI from a functional perspective, and highlight the power of Angular. (Presenters: Ignace Deroost / Art Lowel)
  - (10 mins) Quick updates on Angular UI tickets and/or PRs (Art)
  - (10 mins) Quick updates on REST API tickets and/or PRs (Andrea)
    - “Blocking” REST Contract PRs:
      - Spring Data REST "text-uri/list" to manage links between objects
        - https://github.com/DSpace/Rest7Contract/pull/34
        - https://github.com/DSpace/Rest7Contract/pull/35
        - https://github.com/DSpace/Rest7Contract/pull/41
    - Metadata as a Map (any objections?)
      - https://github.com/DSpace/Rest7Contract/pull/39
  - (10 mins) General Discussion Topics
    - Planning for 7.0 Preview Release (end of January)
    - Development Planning Spreadsheet. Any updates needed here?
    - Discussion of deletion of EPeople for GDPR compliance (from Pascal)
      - Pending merger of : https://github.com/DSpace/DSpace/pull/2229. NOTE: item.getSubmitter() will return null if EPerson deleted.
    - 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 (SWORDv1) that fully integrated & configurable.
      - Also updated docs at: DSpace Backend as One Webapp
  - (5 mins) Agenda items for next meeting?

**Attendees**

- Art Lowel (Atmire)
- Andrea Bollini (4Science) (only attended first part of mtg)
- Tim Donohue
- Lieven Droogmans
- Mark H. Wood
- Giuseppe Digilio (4Science)
- Ben Bosman
- Pascal-Nicolas Becker (did not attend)
- Chris Wilper
- Terrence W Brady
- Pablo Prieto

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

- **General Updates (Tim)**
  - **OR2019 Proposal Planning**
    - Tim will create a wiki page for DSpace 7 OR2019. Everyone should add/link your proposals there.
    - UPDATE: Now available at DSpace 7 at OR2019
    - Assigned a lead for each proposal (see list above, until Wiki page is created)
- **Angular Team Updates (Art)**
  - **Merged PRs:**
  - In Progress tickets / PRs:
  - Tickets / PRs requiring review:
    - https://github.com/DSpace/dspace-angular/pull/349 (Highest Priority)
    - https://github.com/DSpace/dspace-angular/pull/350 (based on same branch as 349)
    - https://github.com/DSpace/dspace-angular/pull/348 (based on same branch as 348)
    - https://github.com/DSpace/dspace-angular/pull/347 (end goal to support PATCHes of Metadata)
    - https://github.com/DSpace/dspace-angular/pull/342 (Item Actions - NEED Demo REST API Update)
    - https://github.com/DSpace/dspace-angular/pull/335 (BLOCKED by REST Contract discussions about Move Item)
    - https://github.com/DSpace/dspace-angular/pull/329 (Merge conflicts need fixing)
  - **Angular Team Updates (Art)**
  - **REST Team 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:
    - In Progress tickets / PRs:
    - Tickets / PRs requiring review:
      - REST Contract tickets blocking other work (High Priority to get unblocked)
        - Request to use Spring Data REST "text-url-list" to manage links between objects (Resources: https://docs.spring.io/spring-data/rest/docs/current/reference/html/#repository-resources.association-resource and https://www.baeldung.com/spring-data-rest-relationships)
          - https://github.com/DSpace/DSpace/Rest7Contract/pull/34
          - https://github.com/DSpace/DSpace/Rest7Contract/pull/35
          - https://github.com/DSpace/DSpace/Rest7Contract/pull/41
        - ACTION: Tim Donohue will reach out to Andrea Bollini (4Science) to understand whether we can move forward with parameters for now, and update this contract/implementation later. It's unclear to the team why these three tickets are blocked for Spring Data REST alignment, while others that involve links/associations (e.g. PR#37 Item CRUD) were approved.
        - Should we consider fixing all these implementations to better align with Spring Data REST recommendations (perhaps in a future Ticket/PR)?
        - ACTION: We need to better document the requirements / best practices for our REST API. Currently alignment with Spring Data REST is not mentioned in our REST Contract README: https://github.com/DSpace/Rest7Contract/blob/master/README.md
      - **Updating Collection/Community contracts (Requires re-review)**
        - Feedback from Andrea, but needs re-review
        - https://github.com/DSpace/Rest7Contract/pull/33
      - **Metadata as a Map (Requires re-review)**
        - REST Contract: https://github.com/DSpace/Rest7Contract/pull/39
        - Contract has feedback from Andrea & Approved by Tim. Waiting for rereview from Andrea Bollini (4Science)
          - JIRA: [DS-4107](https://github.com/DSpace/Rest7Contract/pull/39) - Represent metadata as a map instead of a list
          - REST Implementation: https://github.com/DSpace/DSpace/pull/2287
          - Angular Updates: https://github.com/DSpace/dspace-angular/pull/347
      - **Metadata Registry (8.1) - Needs Reviews**
        - JIRA: [DS-4109](https://github.com/DSpace/Rest7Contract/pull/39) - Rest api metadata registry CRUD
        - (Merged) Contract: https://github.com/DSpace/Rest7Contract/pull/38
        - REST: https://github.com/DSpace/DSpace/pull/2291
      - **Administrative Edit Item (metadata, bitstreams, assign roles) (7.13) - Needs Reviews**
        - JIRA: [DS-4108](https://github.com/DSpace/Rest7Contract/pull/39) - Rest api item CRUD
        - (Merged) Contract: https://github.com/DSpace/Rest7Contract/pull/37
        - REST: https://github.com/DSpace/DSpace/pull/2290
  - **(Did not discuss in detail) Discussion of EPerson Deletion (Tim again asked that all write in your feedback on DS-4306 ticket)**
    - Ticket: [DS-4036](https://github.com/DSpace/DSpace/pull/2229) - Delete EPersons in DSpace
    - PR: https://github.com/DSpace/DSpace/pull/2229
    - ACTION: ALL will add comments/thoughts to DS-4036 so we can finalize a decision on whether "null" EPersons are OK or not.
  - **(Did not discuss) 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.
  - The Next Meeting will be Thurs, Jan 17 at 15:00UTC (10:00am EST) in DSpace Meeting Room