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](https://github.com/DSpace/dspace-angular)
  - 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](https://github.com/DSpace/dspace-angular/pull/349) (Highest Priority)
    - [https://github.com/DSpace/dspace-angular/pull/350](https://github.com/DSpace/dspace-angular/pull/350) (based on same branch as 349)
    - [https://github.com/DSpace/dspace-angular/pull/348](https://github.com/DSpace/dspace-angular/pull/348) (based on same branch as 348)
    - [https://github.com/DSpace/dspace-angular/pull/347](https://github.com/DSpace/dspace-angular/pull/347) (end goal to support PATCHes of Metadata)
    - [https://github.com/DSpace/dspace-angular/pull/342](https://github.com/DSpace/dspace-angular/pull/342) (Item Actions - NEED Demo REST API Update)
    - [https://github.com/DSpace/dspace-angular/pull/335](https://github.com/DSpace/dspace-angular/pull/335) (BLOCKED by REST Contract discussions about Move Item)
    - [https://github.com/DSpace/dspace-angular/pull/329](https://github.com/DSpace/dspace-angular/pull/329) (Merge conflicts need fixing)

- Giuseppe says this will be ready for final review by Monday, January 14. He will ping us

  **ACTION:** Anyone who has added past comments (that are now fixed), please go in and resolve your past comments once you've verified the fix. That'll help us figure out what is outstanding (if anything)

- **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](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:**
    - [https://github.com/DSpace/Rest7Contract/pull/34](https://github.com/DSpace/Rest7Contract/pull/34)
    - [https://github.com/DSpace/Rest7Contract/pull/35](https://github.com/DSpace/Rest7Contract/pull/35)
    - [https://github.com/DSpace/Rest7Contract/pull/41](https://github.com/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](https://github.com/DSpace/DSpace/pull/2287) (Item CRUD) and [PR#38](https://github.com/DSpace/DSpace/pull/2290) (Metadata Registry)) 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](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](https://github.com/DSpace/Rest7Contract/pull/33)

  - Metadata as a Map (Requires re-review)
    - REST Contract: [https://github.com/DSpace/Rest7Contract/pull/39](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 - Represent metadata as a map instead of a list](https://github.com/DSpace/DSpace/pull/2287) **CLOSED**

    **Angular Updates:** [https://github.com/DSpace/dspace-angular/pull/347](https://github.com/DSpace/dspace-angular/pull/347)

  - Metadata Registry (8.1) - Needs Reviews
    - [https://github.com/DSpace/Rest7Contract/pull/38](https://github.com/DSpace/Rest7Contract/pull/38)
    - REST: [https://github.com/DSpace/DSpace/pull/2291](https://github.com/DSpace/DSpace/pull/2291)

    **JIRA:** [DS-4109 - Rest api metadata registry CRUD](https://github.com/DSpace/Rest7Contract/pull/38) **CLOSED**

  - Administrative Edit Item (metadata, bitstreams, assign roles) (7.13) - Needs Reviews
    - [https://github.com/DSpace/Rest7Contract/pull/37](https://github.com/DSpace/Rest7Contract/pull/37)
    - REST: [https://github.com/DSpace/DSpace/pull/2290](https://github.com/DSpace/DSpace/pull/2290)

    **JIRA:** [DS-4108 - Rest api item CRUD](https://github.com/DSpace/Rest7Contract/pull/37) **CLOSED**

  - Ticket: [DS-4036 - Delete EPersons in DSpace](https://github.com/DSpace/DSpace/pull/2229) **CODE REVIEW NEEDED**

    **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 in detail) Discussion of EPerson Deletion (Tim again asked that all write in your feedback on DS-4306 ticket)

    **Ticket:** [DS-4036 - Delete EPersons in DSpace](https://github.com/DSpace/DSpace/pull/2229) **CLOSED**

    **PR:** [https://github.com/DSpace/DSpace/pull/2229](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](https://github.com/DSpace/DSpace/pull/2265)
    - See also early docs at: DSpace Backend as One Webapp

    **Development planning/updates in** [Development Planning Spreadsheet](https://docs.google.com/spreadsheets/d/1L5pL2v9Wx4NQhj9-7oZhUWuV8jBZt71Y9JlZKUj1J8k/edit?usp=sharing).

    **The Next Meeting will be Thurs, Jan 17 at 15:00 UTC (10:00am EST) in DSpace Meeting Room**