Samvera Tech Call 2020-07-15

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Time: 9:00am PDT / Noon EDT

**Moderator:** Jeremy Friesen

**Notetaker:** James R. Griffin III

**Attendees:**
- Jeremy Friesen (University of Notre Dame)
- Tom Johnson (UC Santa Barbara)
- Julie Hardesty (Indiana University)
- Chris Colvard (Ubiquity Press)
- Collin Brittle (Emory)
- Lynette Rayle (Cornell)
- Alexandra Dunn (UC Santa Barbara)
- Rob Kaufman (Notch8)

**Agenda**

1. Roll call by timezone per following order - ensure notetaker is present (moderator)
   - folks outside North and South America
   - Eastern timezone
   - Central timezone
   - Mountain timezone
   - Pacific timezone
   - folks who were missed or who dialed in during roll call
   - Remind everyone to sign in on agenda.
   - Welcome all newcomers!

2. Agenda (moderator)
   a. Call for new agenda items (moderator)
   b. Hyrax’s CircleCI (and local development?) using Postgresql (Jeremy Friesen)
      i. [https://github.com/samvera/hyrax/pull/4397](https://github.com/samvera/hyrax/pull/4397)
   c. Working Documents - Samvera Branch Renaming Working Group (Jeremy Friesen)
      i. Seeking to close call for membership on 2020-07-16
2. 
   d. [https://github.com/samvera/hyrax/issues/4318](https://github.com/samvera/hyrax/issues/4318) - last 3.0 feature
   e. Samvera help follow-up
   f. Pull request review
      i. [https://github.com/samvera/hyrax/pull/4440](https://github.com/samvera/hyrax/pull/4440)

3. Moderator & notetaker for next time
   a. Moderator:
   b. Notetaker:

4. After call, this week's notetaker should create the agenda for the next call:
   a. Open template agenda titled "Samvera Tech Call 2020-xx-xx"
   b. Click on ... in the top right corner, and select copy.
   c. Popup will open for location. It should contain:
      i. Space: Samvera
      ii. Parent page: 2020
   d. Select copy. New page should be created.
   e. Modify the title to remove "copy of", update it with the next date, add moderator, notetaker, and any carry-over agenda info. Click Publish.

5. PR Review
   a. Review issues:
   b. PR review coordinator for next time:

Notes

- **Working Documents - Samvera Branch Renaming Working Group**
  - Jeremy will be facilitating this
  - Looking to close the call for participation 07/16

- **Hyrax's CircleCI (and local development?) using Postgresql**
  - Pull request: [https://github.com/samvera/hyrax/pull/4397](https://github.com/samvera/hyrax/pull/4397)
  - Ensure that CircleCI runs PostgreSQL, test against a postgres ecosystem
  - Request to review the pull request (Tom and Collin have already reviewed this)
  - Collin is working to get a new release of the Samvera CircleCI Orb
    - Trying for a release which offers a URL for the postgres database
    - Currently, in Hyrax, this needs to be hard-coded into the Rails application config from the environment variables
  - Jeremy will look to try and advance this for this afternoon
  - Chris will look to review the PR at some point today as well
  - When generating the internal_test_app, there should just be one database in the default development environment
    - If we can cut this over to postgres within this PR, then this should be the approach taken
    - (Otherwise, if multiple databases are supported, this complicates generating internal_test_app)
  - This also ensures that developers no longer need to mock SQLite interaction

- **Release notes**
  - Aspire to get this PR into the RC2 of Hyrax 3

- [https://github.com/samvera/hyrax/issues/4318](https://github.com/samvera/hyrax/issues/4318)
  - Blocking issue for the next Hyrax 3 release
  - Request to provide a strategy for resolving this
  - Should we revert the change which led to this to begin with?
    - (All agreed with this)
      - It is an attempt to set up an Object which acts like it has a single title
        - Additional title field values are treated as if they are different metadata properties (which they are not)
        - It is not backwards compatible
        - There are issues with translations
        - Whether or not we want a primary title is a completely different discussion
      - We need to create a trail around the title/alternative title support, and add this to the Issue

- The request for a single title on the metadata form originated with the Metadata Interest Group
  - The goal is not to solve all of the problems called out by the IG
  - If you wish to display a single field, which value is displayed will always be non-deterministic
  - All of this is still problematic if one writes to Objects only using the Hyrax forms
    - However, if the forms destroy data on a roundtrip, then this problem arises
  - Request for hooks for dealing with i18n and translations

- If the title is multivalued, aren't all of the titles which aren't the first value alternative titles by default?
  - We are committed to supporting fcrepo, and hence, we cannot restrict the number of titles at the data model layer
  - Hyrax cannot destroy data fcrepo during the roundtripping of objects, and hence, these multiple titles must remain supported
  - From a bibliographic perspective, there is a different between a title translated to Finnish, and an alternative title
  - fcrepo does not support the ordering of Hyrax Object fields in any meaningful way
  - "How I filter which title I want to display on the form" is a question without an obvious answer, except in the case of translation /i18n

- When you see multiple titles, in MODS, there is an attribute which indicates which is the primary title
  - Something like this, but in the RDF, would be extremely helpful (but is this easily implemented?)
  - "Alternative Title" is a legitimate, separate bibliographic field, and not just a subset of multiple title field values
  - "Alternative Title" was used in Hyrax was not used with the bibliographic standards in mind
    - It might be better to use a local URI predicate to store these other multiple titles
  - Hyrax cannot tell fcrepo that there cannot be more than one <dc:title>

- Tom will revert the original PR which introduced this work
  - That alone should unblock the Hyrax 3.0 release
  - Single-valued titles as a 3.1 feature seems reasonable

- Next Scheduled Call
  - Moderator: Tom
  - Notetaker: James
Pull Request Review

- [https://github.com/samvera/hyrax/pull/4440](https://github.com/samvera/hyrax/pull/4440)
- (Chris and Tom reviewed this)