

2019-04-23 - VIVO Development IG

Date

23 Apr 2019

Call-in Information

Time: 11:00 am, Eastern Time (New York, GMT-05:00)

To join the online meeting:

- Go to: <https://duraspace.zoom.us/j/823948749>
- Or iPhone one-tap :
 - US: +14086380968,,823948749# or +16468769923,,823948749#
- Or Telephone:
 - Dial(for higher quality, dial a number based on your current location):
 - US: +1 408 638 0968 or +1 646 876 9923 or +1 669 900 6833
 - Meeting ID: 823 948 749
- International numbers available: https://duraspace.zoom.us/join?m=Qy8de-kt6W4fMMDQCAV_3qfH1W-lxAo5

Slack

- <https://vivo-project.slack.com>
 - Self-register at: <http://bit.ly/vivo-slack>

Attendees

[blocked URL](#) Indicating note-taker

1. [Don Elsborg](#)
2. [Huda Khan](#) ★
3. [Ralph O'Flinn](#)
4. [Andrew Woods](#)
5. [Steven McCauley](#)
6. [Harry Thakkar](#)
7. [Julia Trimmer](#)
8. [Richard Outten](#)
9. [Jim Wood](#)
10. [Alex Viggio](#)
11. [Brian Lowe](#)
12. [Robert Nelson](#)
13. [Greg Burton](#)
14. [Andrei Tutor](#)
15. [Paul Albert](#)
16. [James Silas Creel](#)
17. [Douglas C. Hahn](#)
18. [William Welling](#)
19. [Benjamin Gross](#)

Agenda

1. TAMU Scholars Demo

Texas A&M University will be demonstrating work that has been completed on their replacement for the VIVO user interface front end ([TAMU Scholars](#)). This replacement front end is based on [Solr](#), [Spring Data](#), and [Angular Universal](#). The basic goals of this front end are:

- a. Align the technology stack as much as possible with the existing VIVO stack to assist with ease of implementation by others if they choose especially smaller libraries.
Read only UI.
- b. NO updating back to the triple store.
- c. 100% Search Engine Optimization. IE: A person / crawler does not need JavaScript enabled for page rendering. Server side, and Client side rendering if needed.

TAMU Scholars follows much of the same ideas of the [VIVO Scholars Task Force](#) but with a slightly different technology stack. ([GitHub Repo](#))

[blocked URL](#)
[TAMU Scholars Link](#)
[Spring Data Solr API Link](#)

2. Other topics (that can be pushed to next week)

a. type key summary assignee reporter priority status resolution created updated due

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- b. VIVO-Docker2 [pull-request and approach](#)

Tickets

1. Status of In-Review tickets

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2. Received

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- a. Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- b. Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- c. Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- d. Unable to locate Jira server for this macro. It may be due to Application Link configuration.

3. Bugs (1.11)

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Recording

<http://bit.ly/vivo-tamu-scholars-2019-04>

Notes

Draft notes in Google-Doc

- TAMU demo
 - Scholars UI API: demos.library.tamu.edu/scholars-ui-service/api
 - Spring Docs API documentation
 - Sample request and responses
 - Goes through Spring CRUD repo to Solr: filtering, pagination, etc. out of the box on top of Solr
 - Solr index created via harvest mechanism. Creates explicit JAVA model of all properties to be indexed and filters /facets. A SPARQL query for each of those properties/Solr fields.
 - UI: demos.library.tamu.edu/scholars-ui
 - Top level tabs mirror VIVO: People, Organizations, Research etc.
 - Paginated results with subclasses/related types in the left facet column
 - Turning off JavaScript will still result in the same experience which is a priority for Google Scholars crawling
 - Main search box provides search across all content types
 - Results have tabs for different types (people, publications, grants, awards, courses, concepts)
 - Template for person result will be different from publication etc. Different templates for type
 - Entity view shows information for that person, publication etc.
 - Tabs for info (mirroring VIVO property group tabs)
 - Templates still in progress but many completed. Many sections per entity
 - Server-side rendering is optimization as well as providing SEO. Also plays into screen readers/accessibility and ADA compliance
- Alex: Motivation for Google Scholar
 - Most prominent example of a crawler not indexing our site because site relies on JavaScript
 - Real goal: any search engine out there can crawl the institution's scholarly information and that information can be discoverable and accessible
 - Back to experience with DSpace and trying to get information to be indexed.
- Search functionality using Solr copy fields
 - Copies from a source field to other fields, e.g. text field which can be used for searching for any terms in that content
 - Author's name, research areas added for expression searching
 - Default is OR. Can also use AND
- Front-end written to talk to the Scholar REST API endpoint.
- Solr: nested document support not what they needed. Flattened fields into Solr
 - Multiple Solr collections - one per entity type
 - Persons
 - Positions : ["Associate Professor::n876..."]
 - :: delimiter helps encode the different components of information - converted into a nested array for the front-end
 - Even when searching across people, may need info from publications to be displayable
 - Can do lazy fetching of results as needed, e.g. publications. Fields identified as being lazily rendered - the ids are used to fetch info when display required and then those are added to the main object being used for display
- YAML file configures the facets that will be shown on the search pages
 - Which templates, name, and the facets to be included
- Different types of views: directory (e.g. main organizations tab), discovery (through main search box which shows different tabs for entity types in results)
- Andrei: Angular universal just in server-side rendering?
 - Node server that pre-renders the page
 - When you refresh, it loads quickly - pre-rendered and handed off to the client
 - If JavaScript enabled, it "rehydrates" and takes over
 - Every view rendered by Angular, discovery and other templates rendered by JavaScript doT (olado.github.io/doT)
- Databases. Please fill in details. Thanks. Hibernate.
- Translation mechanisms for themes
 - Theme is also persisted in the database
 - Configurable: text, images, etc.
 - Use Bootstrap
 - Dynamic theming via CSS variables
- Andrew: follow-on conversation about what we can learn from the different initiatives. What are collaboration points?
 - VIVO Scholars, VIVO Core, and TAMU Scholars
 - Striking similarities between overall high level architecture between VIVO Scholar/Product evolution and TAMU scholars
 - Swap out specific implementations/technology choices

Actions

- Unable to locate Jira server for this macro. It may be due to Application Link configuration. - Mike Conlon, can you give this one a

Previous Actions

