

2021-07-13 - VIVO Development IG

Date

13 Jul 2021

Call-in Information

Time: 11:00 am, Eastern Time (New York, GMT-04:00)

To join the online meeting:

- Go to: <https://lyrasis.zoom.us/my/vivo1?pwd=a2Q3RUVKVkN2dkNHV3FUaFRtLzhGdz09>
 - Passcode: 351860
- One tap mobile:
 - US: +16699006833,,9358074182# or +19292056099,,9358074182#
- Or Telephone:
 - US: +1 669 900 6833 or +1 929 205 6099 or 877 853 5257
 - Meeting ID: 935 807 4182
- International numbers available: <https://zoom.us/u/aeANHanzED>

Slack

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

Attendees

★ Indicating note-taker

1. Brian Lowe
2. Benjamin Kampe
3. Georgy Litvinov
4. Michel Héon
5. William Welling
6. Benjamin Gross
7. Ralph O'Flinn ★
8. Don Elsborg
9. Huda Khan
10. Dang Vu Nguyen Hai
11. Christoph Gopfert

Agenda

1. Dependence
 - a. Unable to locate Jira server for this macro. It may be due to Application Link configuration.
 - ii. <https://vivo-project.slack.com/archives/C6RL9L96A/p162606352606510>
2. VIVO-PROXY
 - a. Starting a collaboration with the University of Lausanne for the development of VIVO-PROXY
 - b. Forking VIVO-PROXY Repo from UQAM to <https://github.com/vivo-community/VIVO-PROXY>
3. Defining shapes or subgraphs for use in APIs, edit forms, indexes etc.
 - a. Diagrams:
 - i. existing architecture: <https://docs.google.com/presentation/d/1raO98mkIGUQgAc6wMMbgDEsHVk1zoCA3bq4Fyy21Gjl/edit?usp=sharing>
 - b. Results of initial experiments with SHACL
 - c. Defining more transparent N3-based templates?
 - d. Mapping to simplified JSON objects for data ingest
 - i. Inspiration? William Welling: Apache Marmotta LDPPath syntax <https://marmotta.apache.org/ldpath/language.html>
 - e. SPARQL for list views/ indexing / URI finding
4. Moving Scholars closer to the core
 - a. Build messaging system first? versus
 - b. Original option of typing into existing document modifiers:
 - i. "win/win" opportunity: Scholars and VIVO both eliminate some complexity
 - ii. converting Scholars SPARQL queries to VIVO DocumentModifiers
 - iii. replacing URIFinders with fast, reliable Solr lookups
5. Prioritizing future development items:

- a. quick wins / items for a more rapid release
- b. collaborative items for future sprints
- c. (Add/edit at will) spreadsheet: <https://docs.google.com/spreadsheets/d/103P9P4v6yUBSb5BnVaK40NoGx1fIYyL8uaHKUubZWbE/edit?usp=sharing>

References

1. [2019-01 Architectural Fly-in Summary#201901ArchitecturalFlyinSummary-Ingest](#)



2. VIVO in a Box current document for feedback:

Future topics

1. Prioritizing and planning post-1.12 development
2. Forward-looking topics:
 - a. frameworks: Spring / Spring Boot / alternatives
 - b. Horizontal scalability
 - c. Deployment
 - d. Configuration : files / environment variables / GUI settings
 - e. Editing / form handling
 - f. Adding custom theming without customizing build
3. Post-release priorities
 - a. Ingest / Kafka
 - b. Advanced Role Management
 - c. Moving Scholars closer to core - [next steps](#)
4. [Vitro JMS messaging approaches](#) - redux
 - a. Which architectural pattern should we take?
 - b. What should the body of the messages be?
5. Incremental
 - a.
 - b. Unable to locate Jira server for this macro. It may be due to Application Link configuration.
 - c.

Tickets

1. Status of In-Review tickets

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
Unable to locate Jira server for this macro. It may be due to Application Link configuration.										

Notes

1. Dependencies between unit tests

- a. **VIVO-2003** - Vitro unit tests fail if not run in a certain order **OPEN**
 - i. <https://vivo-project.slack.com/archives/C8RL9L98A/p1626082946083900>
 - ii. <https://vivo-project.slack.com/archives/C8RL9L98A/p162608352608510>
- b. Look into Spring Frameworks to help with the order of tests
- c. Look at dependency injection
- d. Maybe a static order for .1 then resolve for real in .2

2. VIVO-PROXY

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4. Moving Scholars closer to the core

- a. Build messaging system first? versus
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- Can we get a second slide with everything Brian said?
- (I suppose we could make the slide :))
- Right now, the N3 patterns are defined in the JAVA generator classes, which are then processed in separate classes that do a lot of parsing of the submitted values, entering into the variables, and then assessing which N3 required strings are present, etc.
- A few years ago, we worked on a custom json simplification of this process
- It still used the processing pipelines underneath
- Is it also possible to include the Capability-map structure in the diagram?
- Don - I would also like to see this existing diagram built out a little bit more. Perhaps include some documentation on what we like or don't like for each component

[Draft notes on Google Drive](#)