

# 2019-01-08 - VIVO Development IG

## Date

08 Jan 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?meetingid=823948749>

## Slack

- <https://vivo-project.slack.com>
  - Self-register at: <https://goo.gl/forms/JxQFkut4TYj4Ehww1>

## Attendees

★ Indicating note-taker

1. [Don Elsborg](#)
2. [Ralph O'Flinn](#)
3. [Andrew Woods](#)
4. [Mike Conlon](#)
5. [Huda Khan](#)
6. [Steven McCauley](#)
7. [Jim Blake](#)
8. [Brian Lowe](#)

## Agenda

1. Holiday reflections? Wikidata reflections?
2. Design / Contribution process for larger features, examples:

- a. [VIVO-1415](#) - Add publication claiming from PubMed and CrossRef REOPENED
  - b. [VIVO-1436](#) - Advanced role management IN REVIEW
  - c. [VIVO-1545](#) - Track user changes made to the content store IN REVIEW
3. Leading up to the [architectural fly-in](#), thoughts on refactoring / decoupling
  4. Resolved
    - a. [VIVO-1619](#) - Data properties with a range of URL don't display weblinks CLOSED

5. Received

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	VIVO-1678	Auto-complete on author's name is broken on Chrome in VIVO 1.10	Unassigned	Jim Blake		RECEIVED	Unresolved	Mar 10, 2019	Mar 12, 2019	

<input checked="" type="checkbox"/>	VIVO-1673	Move googleAnalytics.ftl include into headScripts.ftl	Unassigned	Benjamin Gross	✓	RECEIVED	Unresolved	Feb 06, 2019	Feb 06, 2019
<input checked="" type="checkbox"/>	VIVO-1666	Adding a new listviewconfig to PropertyConfig.n3 requires a rebuild of VIVO	Unassigned	Don Elsborg	⬆	RECEIVED	Unresolved	Dec 14, 2018	Dec 18, 2018
<input type="checkbox"/>	VIVO-1665	ObjectPropertyTemplateModel_PropertyListConfigTest throws error during mvn install	Unassigned	Benjamin Gross	✓	RECEIVED	Unresolved	Dec 10, 2018	Dec 10, 2018
<input type="checkbox"/>	VIVO-1663	Add more person identifiers to VIVO	Unassigned	Don Elsborg	⬆	RECEIVED	Unresolved	Dec 07, 2018	Dec 11, 2018
<input type="checkbox"/>	VIVO-1644	Rename endpoints for Direct2Experts	Unassigned	Mike Conlon	✓	RECEIVED	Unresolved	Dec 03, 2018	Dec 03, 2018
<input type="checkbox"/>	VIVO-1526	Vagrant: Revert to SDB	Unassigned	Andrew Woods	⬆	RECEIVED	Unresolved	Jun 25, 2018	Jun 25, 2018
<input type="checkbox"/>	VIVO-1521	Move from SDB as primary to TDB as primary	Unassigned	Huda Khan	⬆	RECEIVED	Unresolved	May 29, 2018	Jul 11, 2018

8 issues

- a.  **VIVO-1666** - Adding a new listviewconfig to PropertyConfig.n3 requires a rebuild of VIVO RECEIVED - Pending response from Brian Lowe
  - i. Sub-question: [Don Elsborg](#) suggesting simplification of firsttime, everytime, filegraph
- b.  **VIVO-1663** - Add more person identifiers to VIVO RECEIVED - Where does this stand? What is needed to add more person identifiers to VIVO?
- c.  **VIVO-1671** - Search index grows extremely large when many publications are related to organizations CLOSED - Benjamin Gross
  - : Does [Stefan Wolff](#)'s recommendation resolve the issue?

6. Status of In-Review tickets

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
<input type="checkbox"/>	VIVO-1692	Create initial format style enforcement	Andrew Woods	Andrew Woods	✓	IN REVIEW	Ready for Test	Apr 26, 2019	May 07, 2019	
<input type="checkbox"/>	VIVO-1687	Tenderfoot publications bar chart cropped in Firefox	Benjamin Gross	Benjamin Gross	✓	IN REVIEW	Ready for Test	Apr 18, 2019	Apr 25, 2019	
<input type="checkbox"/>	VIVO-1686	GroupedPropertyList should be parallel	alessandro galasso	alessandro galasso	✓	IN REVIEW	Fixed	Apr 10, 2019	May 13, 2019	









	VIVO-1682	Create Docker Compose file to start Solr and MariaDB	Andrew Woods	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Mar 19, 2019	Mar 21, 2019
	VIVO-1680	Connect VIVO with containerized MariaDB	Andrew Woods	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Mar 19, 2019	Mar 19, 2019
	VIVO-1679	Connect VIVO with containerized Solr	Andrew Woods	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Mar 18, 2019	Mar 19, 2019
	VIVO-1652	Administrative unit as a new sub-class of foaf:Organization	Mike Conlon	Mike Conlon		<input type="button" value="IN REVIEW"/>	Fixed	Dec 05, 2018	Dec 05, 2018
	VIVO-1643	Align VIVO exploded war in Tomcat and generated war	William Stanley Welling	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Dec 03, 2018	Dec 07, 2018
	VIVO-1642	Upgrade Vitro /VIVO Maven dependencies	James Silas Creel	Andrew Woods		<input type="button" value="IN REVIEW"/>	Fixed	Dec 03, 2018	May 13, 2019
	VIVO-1612	Externalized Solr Error Handling	Andrew Woods	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Oct 17, 2018	May 15, 2019
	VIVO-1600	Add ElasticSearch smoke test	Andrew Woods	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Sep 24, 2018	Jun 06, 2019
	VIVO-1596	Create documented external Solr7 install package	Andrew Woods	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Sep 20, 2018	Mar 18, 2019
	VIVO-1592	Remove Embedded Solr	Andrew Woods	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Sep 18, 2018	Mar 18, 2019
	VIVO-1589	Upgrade to externalized Solr7	Andrew Woods	Andrew Woods		<input type="button" value="IN REVIEW"/>	Ready for Test	Sep 18, 2018	Mar 18, 2019
	VIVO-1545	Track user changes made to the content store	Graham Triggs	Graham Triggs		<input type="button" value="IN REVIEW"/>	Ready for Test	Aug 22, 2018	Sep 10, 2018
	VIVO-1436	Advanced role management	Graham Triggs	Christian Hauschke		<input type="button" value="IN REVIEW"/>	Ready for Test	Jan 26, 2018	Nov 19, 2018
	VIVO-1287	Reclassify five classes that are subClass skos:Concept	Mike Conlon	Mike Conlon		<input type="button" value="IN REVIEW"/>	Fixed	Nov 04, 2016	Dec 05, 2018

17 issues

- [VIVO-1667](#) - Language Filtering does not filter model on all construct queries  - low-hanging
- [VIVO-1664](#) - Merging VIVO-DE community translations into code base  - An important step for i18n... resolves many other open issues
- [VIVO-1659](#) - Improve documentation on how to add new language support to VIVO  - low-hanging, documentation
- [VIVO-1644](#) - Replace afn:localname / afn:namespace with cross-platform equivalent  - relatively straight-forward bug fix
- [VIVO-1630](#) - Start Year field keeps the same label even when language is changed  - [Kitio Fofack](#) to review?

f.  **VIVO-1525** - SPARQL query page freezes CLOSED - low-hanging

## 7. Bugs (1.11)

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	VIVO-1687	Tenderfoot publications bar chart cropped in Firefox	Benjamin Gross	Benjamin Gross	✓	<span>IN REVIEW</span>	Ready for Test	Apr 18, 2019	Apr 25, 2019	
	VIVO-1678	Auto-complete on author's name is broken on Chrome in VIVO 1.10	Unassigned	Jim Blake	⬆	<span>RECEIVED</span>	Unresolved	Mar 10, 2019	Mar 12, 2019	
	VIVO-1675	Incorrect counts in Publications Chart	Graham Triggs	Graham Triggs	⬆	<span>REOPENED</span>	Unresolved	Feb 08, 2019	Apr 25, 2019	
	VIVO-1669	RDFService Graph flush() : out of memory	Unassigned	alessandro galasso	✓	<span>OPEN</span>	Unresolved	Dec 17, 2018	Jan 08, 2019	
	VIVO-1640	TPF Server must respect linked data publication settings	Unassigned	Mike Conlon	↑	<span>OPEN</span>	Unresolved	Nov 28, 2018	Nov 28, 2018	
	VIVO-1615	Linked Data Fragment server doesn't work with TDB	Unassigned	Benjamin Gross	⬆	<span>OPEN</span>	Unresolved	Oct 23, 2018	Dec 14, 2018	
	VIVO-1602	Upgrades to 1.10 lose language tags	Unassigned	Graham Triggs	↑	<span>OPEN</span>	Unresolved	Sep 25, 2018	Oct 02, 2018	
	VIVO-1549	Misleading TemplateException thrown on home page when Solr URL set incorrectly	Unassigned	Brian Lowe	⬆	<span>OPEN</span>	Unresolved	Aug 29, 2018	Oct 02, 2018	

8 issues

## Notes

[Draft notes in Google-Doc](#)

## Thoughts over the holidays

1. Mike Conlon investigated wikidata un countries
2. Less countries than he thinks it should have - 162
3. This was entities instance of country – so that's odd
  - Eg Albania wasn't on the list, sounds inconsistent for country definition
4. So how do we work with Wikidata to determine why the list is so short and how is it maintained
5. Main question – how do we follow up

- Don +1
6. Mikes goal is not to update wikidata data
  7. Andrew noted that in Sem w3 list a wikidata question was monitored and answered by wikidata folks
    - <https://lists.w3.org/Archives/Public/semantic-web/2019Jan/0004.html>
  8. Mike C. — scholia seems very biased, very focused, working on large scale dumps. So if you want all papers from university of x, you might get nowhere
  9. Don – wikidata should be augmentation - non-authoritative.
  10. Ralph - wikidata should augment - also to deal with lag
  11. Don – wants to use wikidata concepts and use VIVO to map concepts between VIVO and wikidata - perhaps use openvivo for this. So try to store sameAs relationships between VIVO and wikidata.
  12. Use the VIVO triple store and VIVO editorial interface to maintain these relationships
  13. Mike - UFL has the same need - Research Intelligence

## Contribution process

1. Andrew - Handling managing large contributions that “come over the wall”. How can the team engage in this such that we’re not faced with the problem of having a large changeset that has minimal context but to bearing on the overall VIVO design goals.
2. So – how to get process engaged initially in the design phase.
  - ..... crickets
3. Jim – taking the procedure of creating issues then pull requests - so creation of jira issue is pro-forma. As opposed to starting with the Jira issue then we can discuss.
4. Mike - not uncommon to develop first then think second.
5. Don - needs to work for employing institution, then moves towards a VIVO ticket after the fact.
6. Mike - is there a way to sum up tickets for the type and scale of work? So there are 3 examples of fantastic work. So these ideas are thought about for a few year.
  - VIVO-1415 - Add publication claiming from PubMed and CrossRef IN REVIEW
  - VIVO-1436 - Advanced role management IN REVIEW
  - VIVO-1545 - Track user changes made to the content store IN REVIEW
7. So these tickets above benefitted from a lot of community design work.
8. Andrew - in open source world, we benefit from a planned design.
9. Question is how to retroactively apply code to a design such that we can discuss. So the advanced role mgmt system was kind of like this. Where Graham presented the ACL’s to the dev group.
10. So how to include great work such that there are updates that we want. How do create a process that promotes engagement and buy in as opposed to things being “thrown over the wall”. This should help bring the team together.
11. Mike - 2 more examples
  - The data distribution api - this was submitted, but put off. It did eventually get resolved. There wasn’t an open design process, it was submitted as a complete work.
    - Jim – objection - it’s not included with the code
    - Ralph - slated for 1.11
    - Mike - documented in 10.0
    - Ralph - so doc was added to show people HOW to add it to 1.10
12. For architectural flyin – will discuss what is a component what is configurable
13. Jim – besides Data dist api - also provenance to capture logging of changes. So this can be implemented as a configurable add-on. Should we just strive for this model.
14. Andrew - so if a work is a module, or optional – is having the team involved in design might not be paramount?
15. Jim - exactly - so even if core committers are that involved - the add on can still be available and workable.
16. Andrew - if we get configurable modules then the core team might not have this much engagement.
17. Andrew - fundamentally this boils down to communication. So without that much process put in at this point, to move forward with communication, as opposed to people developing a large sum of code, throwing it over the wall, then ducking.
18. Mike - need to identify the things that should require discussion or at least benefit from this.
19. Don - so how to identify when to surface issues with VIVO
20. Mike - create a ticket and use this as an entry point for design discussion. Try to have the tickets be technical and not vague.
21. Andrew - summing up -
  - we want transparency as to what the issues are as soon as possible.
  - Use the Jira process to help identify and characterize issues, particularly from received to open.

## Ticket gardening

1. 1619 - jira is resolved. Code is merged - also for 1.9 branch
  - Andrew - we should eventually talk about maint releases. So we might want to think about putting out a 1.9.4
2. Received tickets - 1666. –
  - Don - want more discussion with firsttime/everytime –
  - Brian commented on the ticket explaining the way things work now.
  - Mike - want to identify other institutions that run into this problem. UFL has this issue. \*\* Anything that is in Firsttime – this creates a big problem.
3. Andrew - more big wins - Ben is good to go with 1671
4. Wants people to look at in-review tickets
  - VIVO-1667 - Language Filtering does not filter model on all construct queries IN REVIEW - low-hanging.
    - This is a one liner
  - VIVO-1661 - Merging VIVO-DE community translations into code base IN REVIEW - An important step for i18n... resolves many other open issues
  - VIVO-1659 - Improve documentation on how to add new language support to VIVO IN REVIEW - low-hanging, documentation
    - We can close this if we agree with documentation
  - VIVO-1641 - Replace afn:localname / afn:namespace with cross-platform equivalent IN REVIEW - relatively straight-forward bug fix
    - This touches a few things but it’s the \*\*\* same fix applied broadly
  - VIVO-1630 - Start Year field keeps the same label even when language is changed IN REVIEW - Kitio Fofack to review?
  - VIVO-1525 - SPARQL query page freezes IN REVIEW - low-hanging
5. Get a review on this is helpful

## Architectural flyin

1. How to address workflows that bring things in from multiple data stores and store in VIVO
2. On the flip side, have exports from VIVO or a canonical data store that pushes data to VIVO.
3. Different VIVO front ends - so a read only view  
Edit - can edit be separated from the standard view
4. Complexity added with separate VIVO and Vitro. # What are the pros/cons of collapsing the two. So who cares about Vitro that doesn't care about VIVO.
5. Steve McCauley - more interested in Vitro than VIVO. He works more with Vitro.
6. Mike - Metabolomics (sp?) project also using Vitro with some VIVO ontology
7. Steve - will use some Vivo ontology but not all since they departed from the VIVO display.
8. Andrew - Steve - are there natural architectural patterns that you would have like?
9. Steve - separating the display layer from the rest of the system. Arch is fine since they don't use it for display. Entirely as a backend. Some things could be changed. Things like externalizing search which would make things more modular. Or database not being tied to SDB/TDB so have a different triple store. Would like ability to swap things in and out. We replicate the VIVO SOLR for back end purposes.
10. Mike - a deployment pattern could be that there is no front end. So could have a non vivo front end like Brown. So facts on demand and you put them where you want them. Not all sites want a front end. Just facts.
11. Andrew/Mike - research intelligence system
12. Don - are we discussing graph, LOD, and semantics
13. Mike - semantics allow swapping out entities

## Actions

- [Mike Conlon](#) to find contacts at wikidata to answer technical questions. We need to know how to interact with the wikidata community when it comes to understanding and validating, or eventually updating their data.
- [Don Elsborg](#) to move forward with a firsttime/everytime config model discussion

## Previous Actions

- [Brian Lowe](#) confirm LDF server issue with TDB content stores
- [Don Elsborg](#) to update vagrant for 1.10
- [Don Elsborg](#) - add jira tickets for abox/tbox use cases - one ticket for each use case
- [Brian Lowe](#) - check with ontology group on handles
- [Alex Viggio](#) will bring news of Elasticsearch instead of Solr up with Product Evolution.