“VIVO LAB” AT THE GERMAN NATIONAL LIBRARY OF SCIENCE AND TECHNOLOGY: REVIEW AND OUTLOOK

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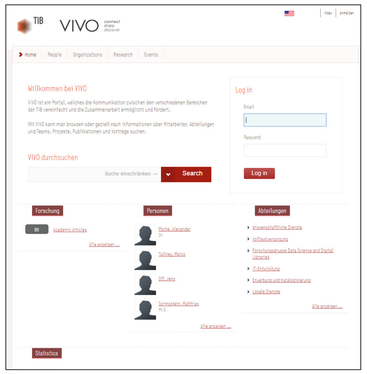
THE 7.TH ANNUAL VIVO CONFERENCE // AUGUST 18, 2016, DENVER, CO, USA

2015

- VIVO implementation for the TIB
- handbuch.io – the German manual for implementing VIVO [1]
- “VIVOPaths” – visualization of the semantic connections between researchers and their activities on an external web page through a SPARQL-based process. [2]
- Based on the PivotPaths by Marion Dörk [3]

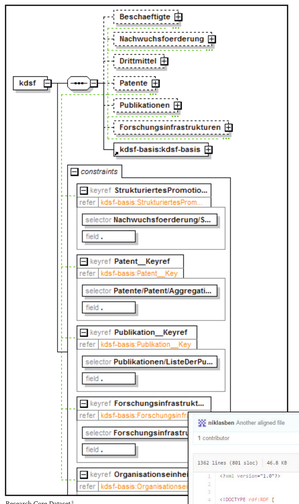


VIVO for the TIB

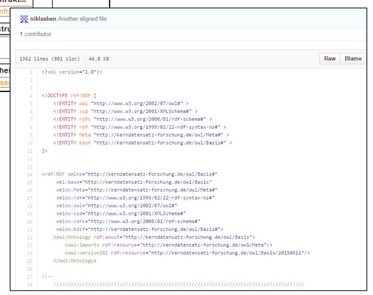
VIVOPath

2016

- The “Research Core Dataset” (RCD) - the new national standard for representing research infrastructure and activities of academic and research organizations in Germany, based on the recommendations by the German Council for Science and Humanities. [6]
- Aim - improvement of the reporting processes in German research institutions
- Aggregated data and base data
- 6 superclasses: persons, publications, third-party funded projects, doctoral programmes, patents, spin-offs, research infrastructure [7]
- Mapping the RCD model to the VIVO-ISF [8]



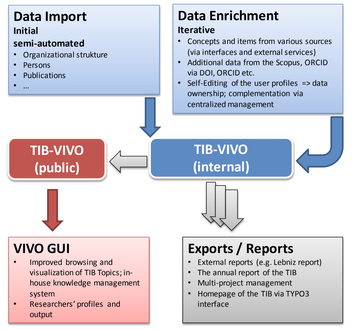
Research Core Dataset [5]



VIVO-RCD Alignment [9]

FUTURE PROSPECTS

- Attempting to use VIVO for aggregating sensitive administrative data in a separate non-public VIVO instance in alignment with the RCD
- VIVO for the international working group at the Leibniz Association
- VIVO for a research medical institute
- Survey on German organizations interested in implementing a VIVO



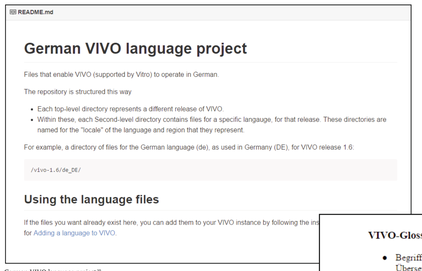
The New VIVO-Model for the TIB [10]

2015 · VIVO FOR TIB + VIVOPATH · THE 1. GERMAN VIVO WORKSHOP

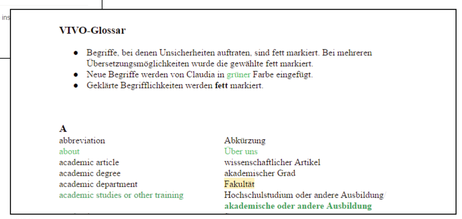
VIVO Workshop 2015

- September 2015 - the 1. German VIVO workshop – “VIVO as a Research Information System in Practice” – at the TIB in Hanover [4]
- About 60 participants from various German and European research organizations, universities and libraries.
- Also representatives of Elsevier, Thomson Reuters and Symplectic

2016 · RCD - VIVO-ISF - MAPPING · TRANSLATION OF VIVO INTO GERMAN



German VIVO language project [10]



VIVO-Vocabulary [11]

- The German version of VIVO is an important prerequisite for acceptance by our users
- Collaboration with the Saxon State and University Library Dresden (SLUB) and the Hanover University of Applied Sciences and Arts.

FUTURE PROSPECTS · VIVOS FOR EXTERNAL RESEARCH ORGANISZATIONS · WIKIDATA · THE NEW TIB-VIVO MODELL

WIKIDATA
Wikidata Logo [12]

- Investigating the use of Wikidata data and services
- Exploring the integration of concepts, and organizations from Wikidata via API / Sparqle endpoint

REFERENCES:
[1] Technische Informationsbibliothek. handbuch.io (2015). Retrieved 2016 July 7 from http://handbuch.io/w/VIVO-Handbuch
[2] VIVO-DE. vivopaths (2015). Retrieved 2016, July 7 from GitHub Repository https://github.com/hormoz/vivopaths
[3] Dörk, Marian. PivotPath (n.d.). Retrieved 2016 July 7 from http://mariandoerk.de/pivotpaths/
[4] Technische Informationsbibliothek. Workshops VIVO und DINI AG FIS (n.d.). Retrieved 2016 July 7 from http://blogs.tib.eu/wp/vivo/
[5] Deutsches Zentrum für Hochschul- und Wissenschaftsforschung GmbH (DZHW). Außenstelle Berlin, Kerndatensatz Forschung (2016). Retrieved 2016 July 7 from http://www.kerndatensatz-forschung.de/version1/technisches_datenmodell/owl/doc/kdsf_kdsf.html
[6] Institut für Forschungsinformation und Qualitätssicherung (iFQ) et al. , Research Core Dataset (n.d.). Retrieved 2016 July 7 from http://www.forschungsinfo.de/Kerndatensatz/en/index.php/home
[7] Deutsches Zentrum für Hochschul- und Wissenschaftsforschung GmbH (DZHW). Außenstelle Berlin, Kerndatensatz Forschung (2016). Retrieved 2016 July 7 from http://www.kerndatensatz-forschung.de/version1/technisches_datenmodell/owl/doc/kdsf_kdsf.html
[8] VIVO-DE. kdsf-alignement (2016). Retrieved 2016 July 7 from GitHub repository, https://github.com/VIVO-DE/kdsf-alignement
[9] see ibd.
[10] VIVO-DE (2016). VIVO-languages. Retrieved 2016 July 7 from GitHub Repository, https://github.com/VIVO-DE/VIVO-languages
[11] Blümel, Ina et al., VIVO_Vokabular (2015). Retrieved 2016 July 7 from http://t1p.de/bl4q
[12] Blümel, Ina et al., Technische Informationsbibliothek, TIB-VIVO (2016)
[13] Wikimedia Commons, File:Wikidata-logo-en.svg (2016). Retrieved 2016 July 7 from https://commons.wikimedia.org/wiki/File%3AWikidata-logo-en.svg

ADDITIONAL LINKS:
http://de.slideshare.net/TIB_Slides/growing-the-future-linked-data-librarians-vivo-as-a-means-to-explain-open-science-issues-in-university-education
http://de.slideshare.net/TIB_Slides/vivo-an-der-tib-hannover-erfahrungen-und-entwicklungen

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