Mission Statement and reuse of Scholars@Cornell (VIVO) Developments

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Cornell University Library



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http://vivoweb.org/

VIVO creates an integrated record of the scholarly work of your organization

Download VIVO

Current version is v1.10.0

https://github.com/vivo-project/

connect

discover

share

VIVO is a member-supported, open source semantic technologies-based software for recording, editing and browsing scholarship data.

Scholars@Cornell

is an (Cornell-specific) extension to the VIVO application ...



Mission Statement of Scholars@Cornell

Introduction to the vision

Key Features to re-use



Advance the <u>visibility</u> and <u>accessibility</u> of Cornell scholarship and creative expression Data Aggregation | Data Mapping | Data Deduplication | Linked Data Transformation

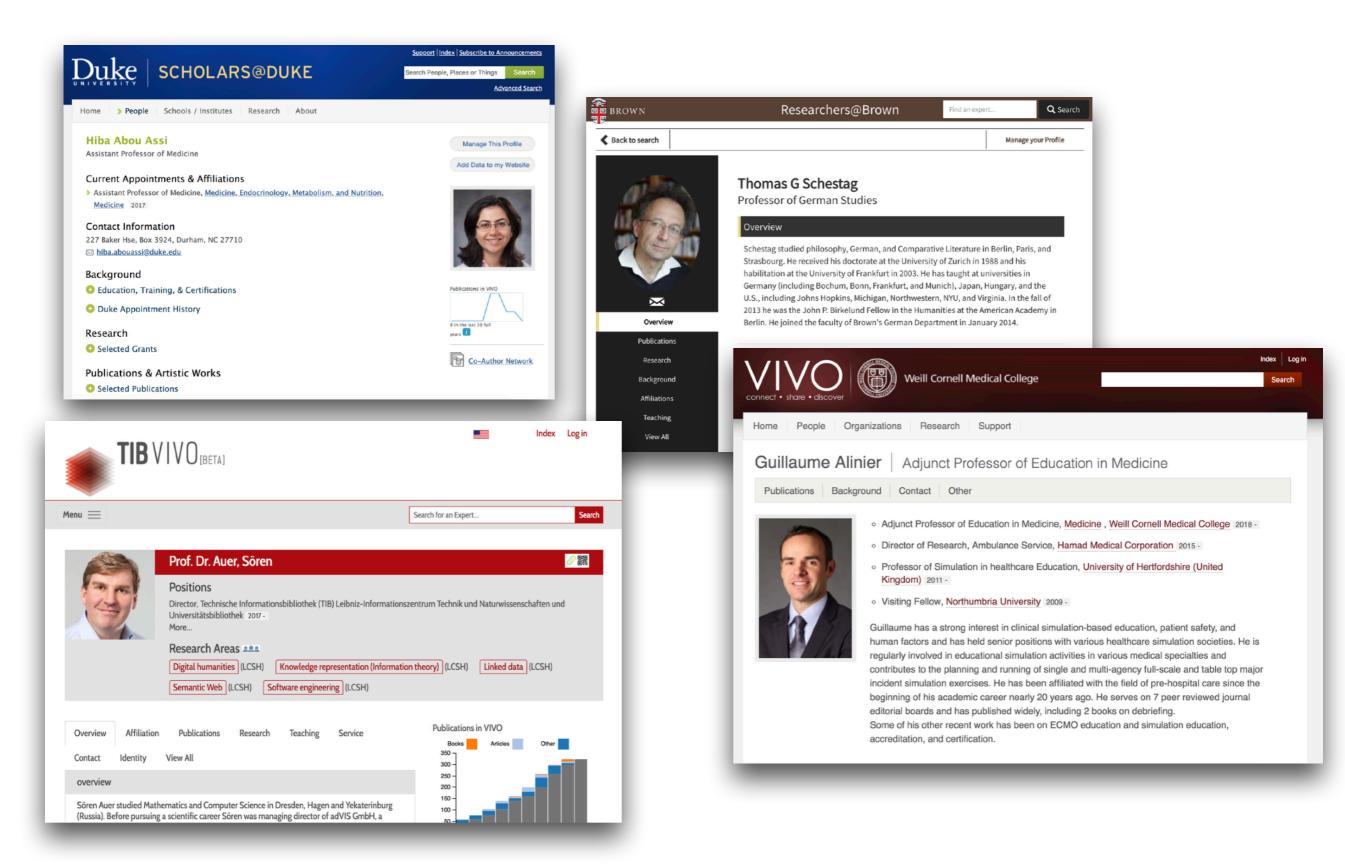
& Data Analytics Explore the scholarship of Cornell from the perspective of what the scholarly record itself <u>can tell us</u>.



Mission Statement of Scholars@Cornell

Introduction to an un-finished vision

VIVO offers customizable Faculty Profiles by default, BUT





Scholars@Cornell

is not a

Faculty Profile System

But a

Research Info. Mgmt. System (RIMS)









Mission Statement of Scholars@Cornell

Introduction to an un-finished vision

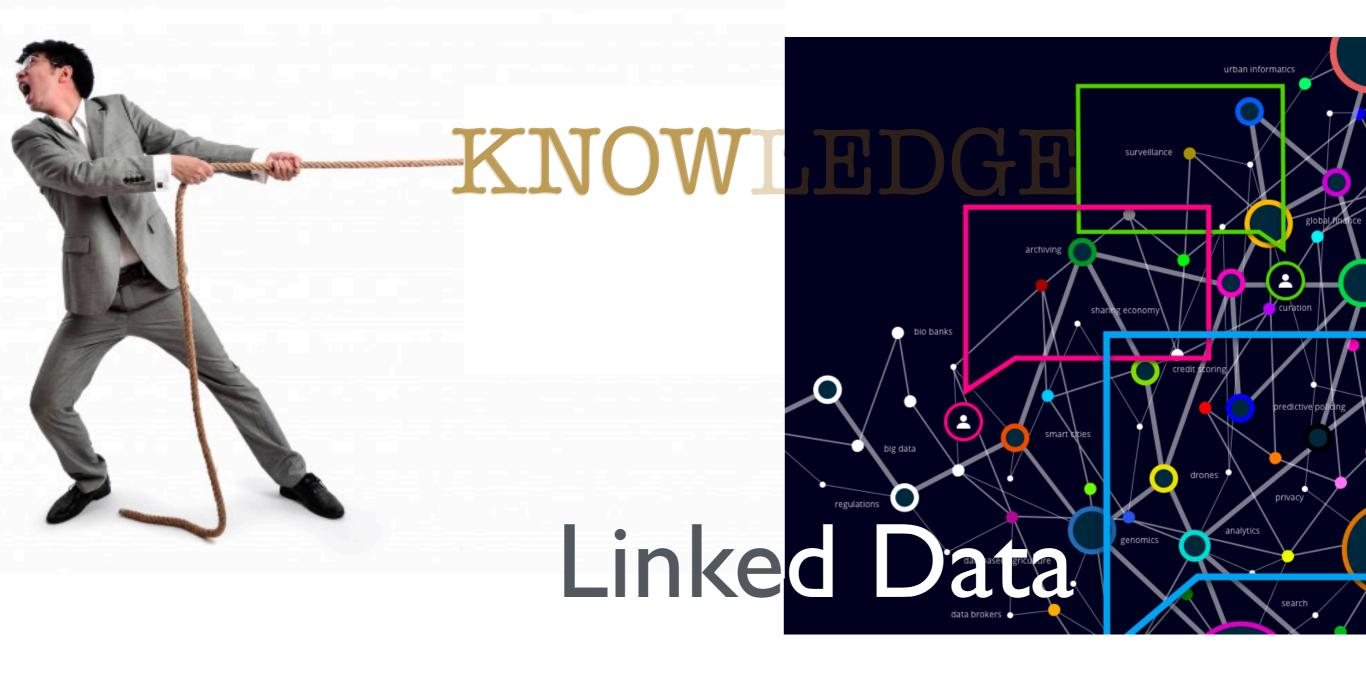
Key Features to re-use / extend



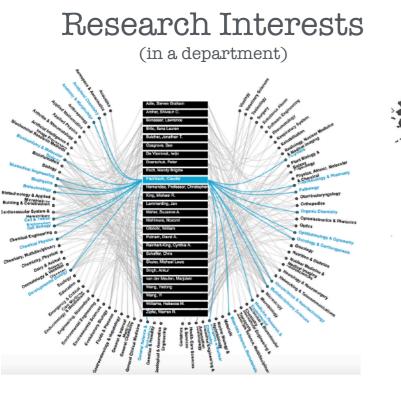
Data Analytics & Infographics

From (LD) Data to Knowledge

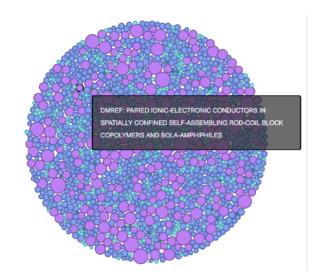
Data is merely a record & VIVO is just a (linked) data warehouse unless we <u>pull</u> the knowledge out of it.



Knowledge share via infographics



Grants



Global Collaborations





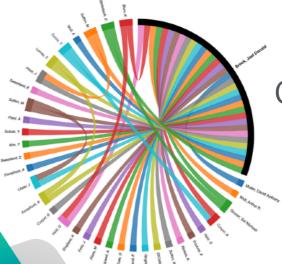
Inter-departmental co-authorships

Keyword Cloud



Journals/Proceedings

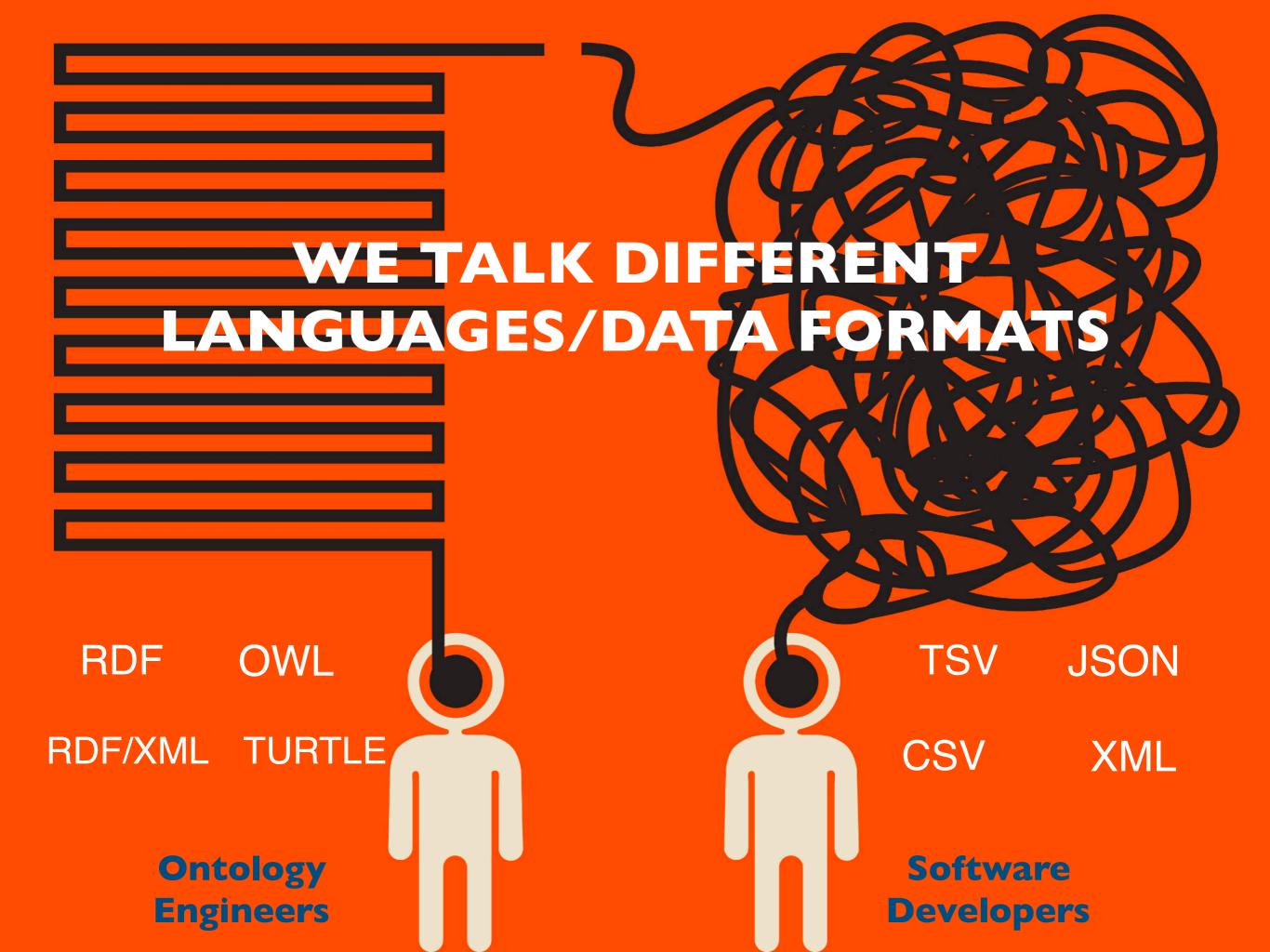
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College of Human Ecology College of Veterinary Medicine Computing and Information Science
Cornell SC Johnson College of Business



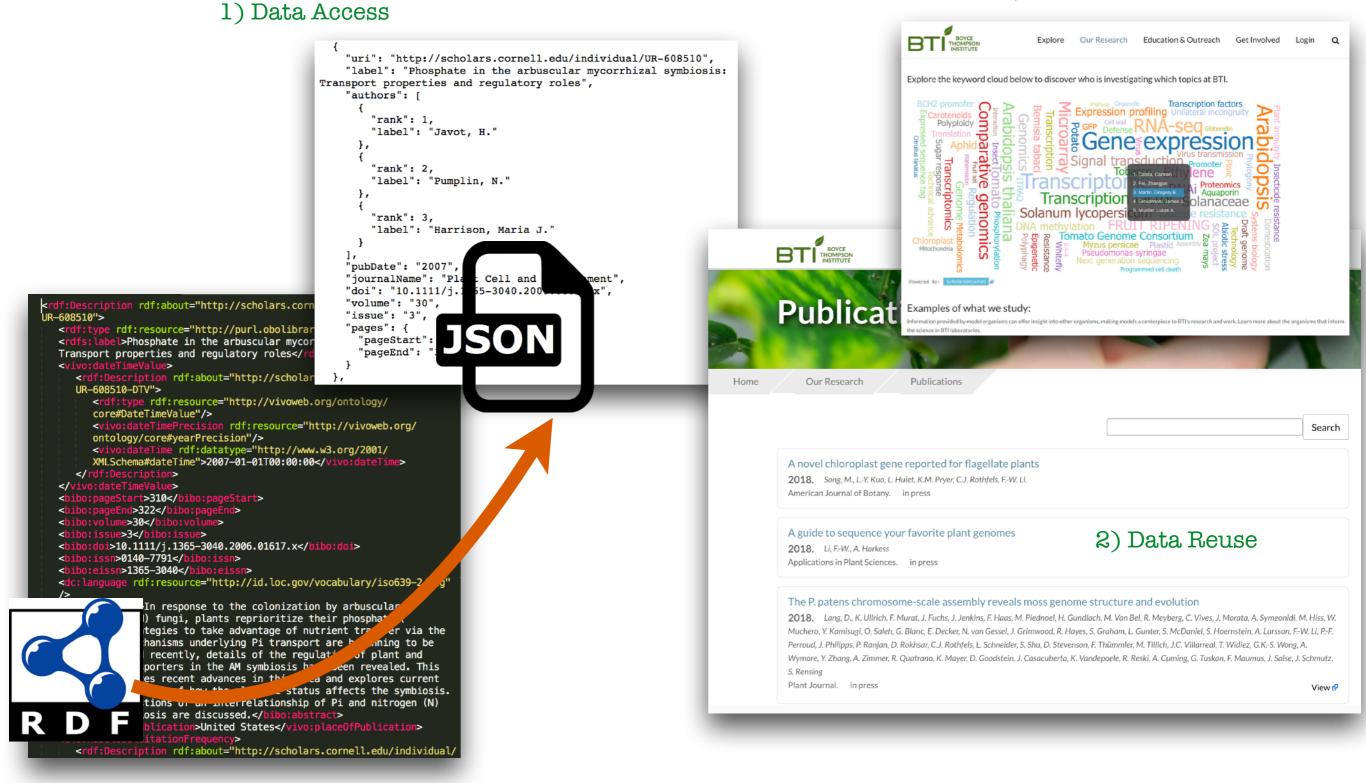
Co-authorships



Data Distribution API



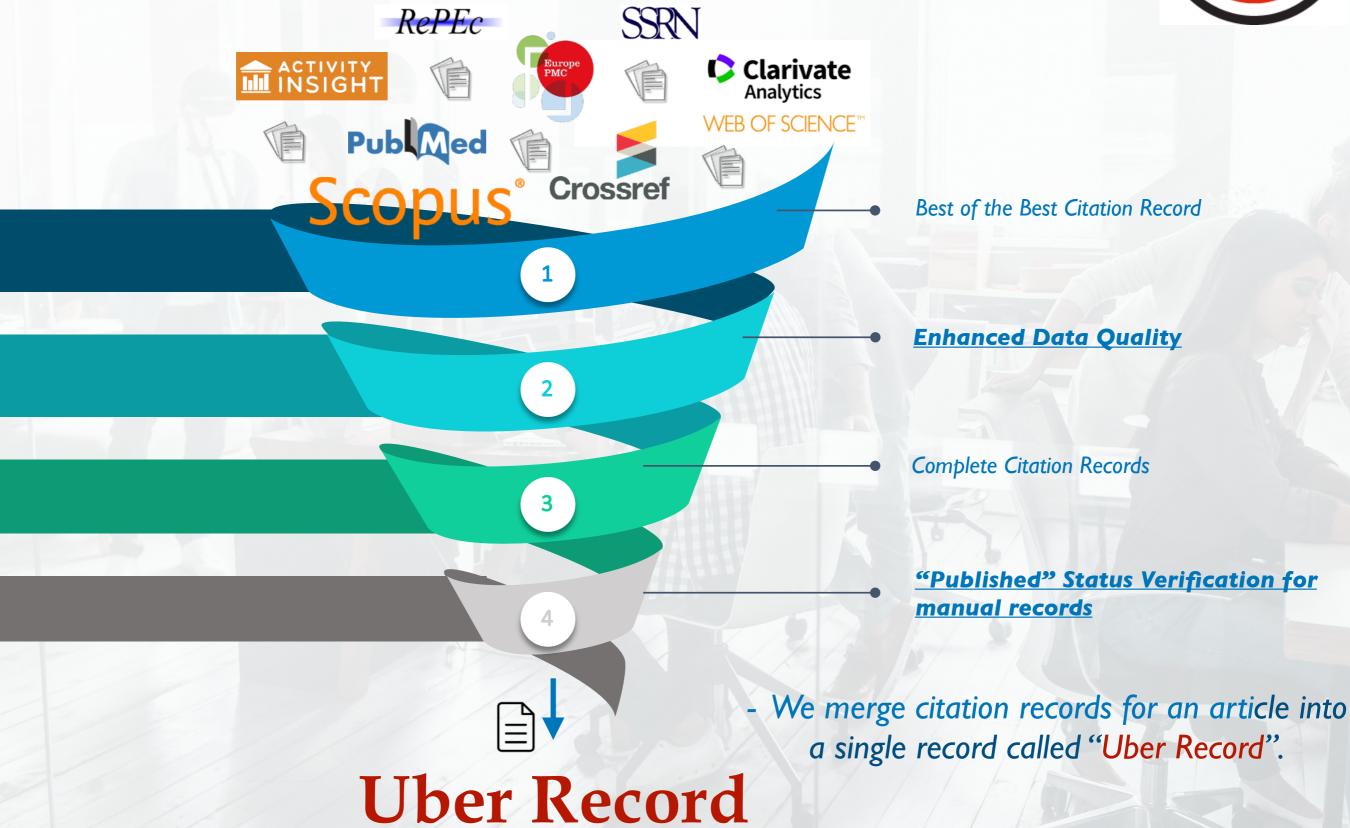
3) Infographics Reuse



RDF to JSON: Data Distribution API for VIVO https://cul-it.github.io/vivo-data-distribution-api/ Data/Viz. Share and Access

Uberization - Merging Data extracted from different sources





Cornell has subscription of Symplectic Elements to aggregate Publication data. We (small organizations) do not afford (Elements) subscription cost. What about us?



VIVO Conference 2017 - An Attendee

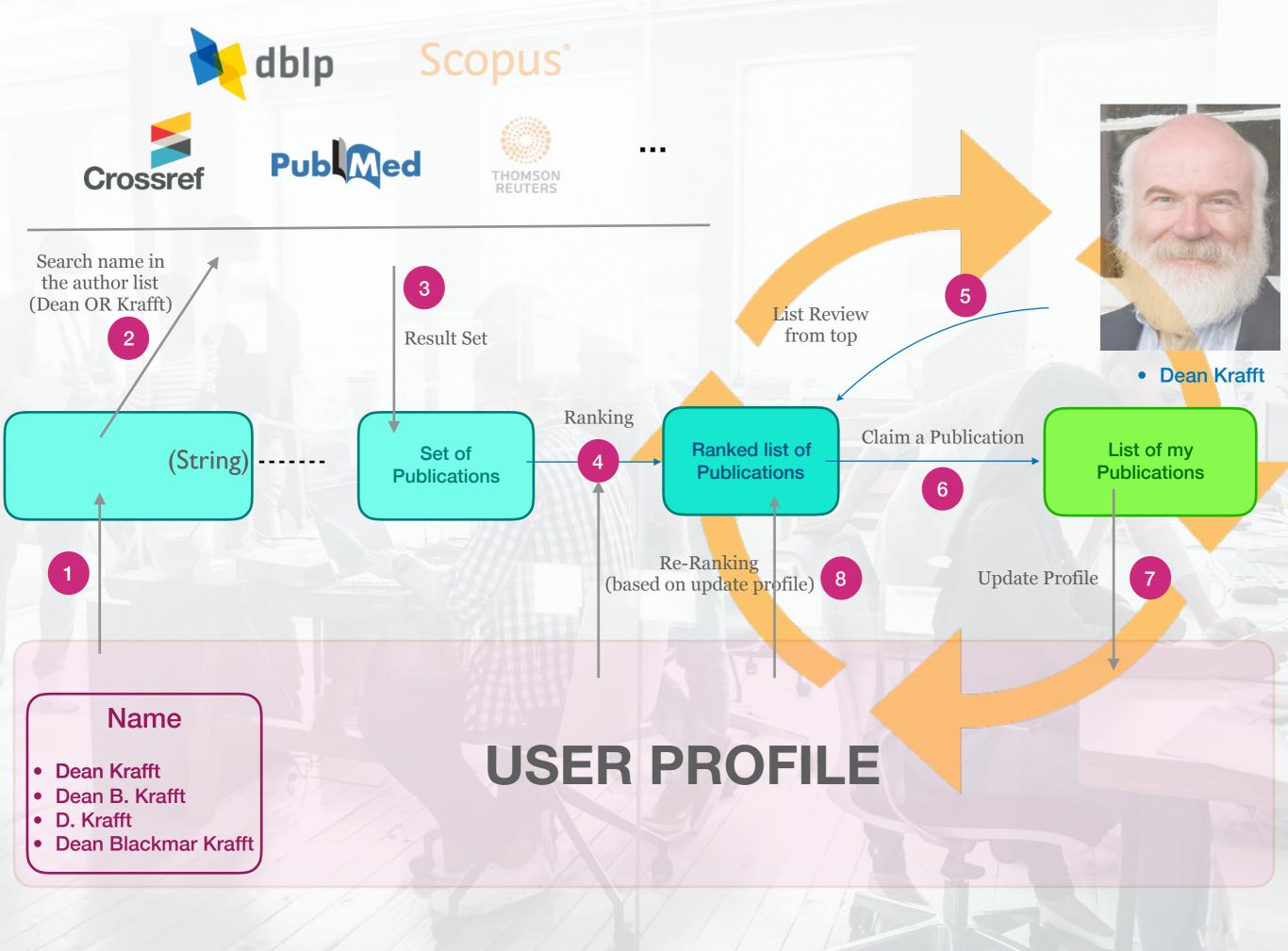


OpenHarvester

A java prototype that processes the result set of pre-downloaded data (from a data source) and allows one to claim his/her publications from a ranked list.







Desktop Application

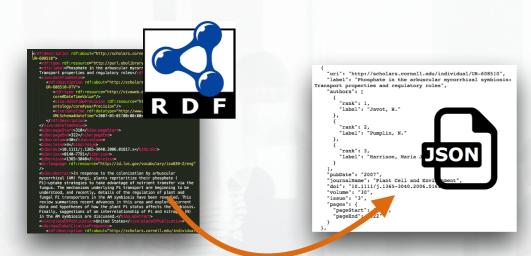
Currently it supports to search publications in CrossRef, PubMed and DBLP

			OpenHarvester		
	Home 🔍 Search Da	tabases 🕹 Claim Publicatio	ns		
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	Sandy		An Interoperable Fabric for Scholarly Value Chains		
			Pathways: augmenting interoperability across scholarly repositories The policy knot doi=10.1007/s00799-007-0016-7,		
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"VIVO 2 ORCID" Data Push

Where does the code exist?



Data Distribution API https://cul-it.github.io/vivo-data-distribution-api/index.html

OpenHarvester

A java prototype that processes the result set of pre-downloaded data (from a database) and allows one to claim his/her publications from a ranked list.



Visualization and Scholars@Cornell Core Code

https://github.com/cul-it/scholars

phogenesis

In summary...

- I. Scholars@Cornell A Research Information Mgmt. Sys. (RIMS)
- 2. Knowledge Share via Infographics
- 3. Data Share in a format that is understandable by the consumer.
- 4. Uberization A mechanism to merge scholarship data from different sources
- 5. OpenHarvester Open source desktop application to find publications for a faculty in open source databases. (under progress)



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