

# Open Science VIVO *beta*

## Funktionen und Weiterentwicklung

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**Science 2.0 Barcamp**  
Hamburg, 24.3.2015



# Seit 27.11.2014 offen für die Science 2.0-Community ...mit VIVO (Open Source) und Linked Open Data

The screenshot shows the VIVO website interface. At the top, the VIVO logo is displayed with the tagline "connect • share • discover". Navigation links for "Index" and "Log in" are in the top right. A horizontal menu below the header includes "Home", "People", "Organizations", "Research", and "Events". The main content area features a section titled "Science 2.0 researcher profiles from Germany and Austria". This section includes a paragraph about the prototype, a "science 2.0" logo with the text "Leibniz-Forschungsverbund", and a "Search VIVO" section with a search bar and a "Search" button. Below the search bar, there are three columns: "Research" with a list of items (Academic Articles, Books, Chapters, Conference Papers) and their counts; "Organizations" with a list of institutions (Alexander von Humboldt Institut für Internet und Gesellschaft, Know Center, ZBW - Deutsche Zentralbibliothek für Wirtschaftswissenschaften) and a "View all ..." link; and "People" with a list of researchers (Dr. Sascha Friesike, Prof. Dr. Stefanie Lindstaedt, Prof. Dr. Dr. Thomas Schildhauer, Prof. Dr. Klaus Tochtermann) and a "View all ..." link.

VIVO connect • share • discover

Index Log in

Home People Organizations Research Events

## Science 2.0 researcher profiles from Germany and Austria

In this prototype we show profiles of several researchers from the [Leibniz research alliance Science 2.0](#). Everything you see here is Linked Open Data, managed with [VIVO](#). We provide some deep insights e.g. through co-authorship graphs. Data is harvested regularly and processed from the researchers' institutions websites. They can be manually enhanced by the researchers at any time. Read more about [why we are into this](#), and have fun with this public beta!

science 2.0  
Leibniz-Forschungsverbund

### Search VIVO

limit search → Search

#### Research

- 457 Academic Articles
- 32 Books
- 50 Chapters
- 141 Conference Papers

#### Organizations

- [Alexander von Humboldt Institut für Internet und Gesellschaft](#)
- [Know Center](#)
- [ZBW - Deutsche Zentralbibliothek für Wirtschaftswissenschaften](#)
- [View all ...](#)

#### People

- Dr. Sascha Friesike
- Prof. Dr. Stefanie Lindstaedt
- Prof. Dr. Dr. Thomas Schildhauer
- Prof. Dr. Klaus Tochtermann
- [View all ...](#)

<https://osl.tib.eu/vivo>

# Forschlerprofile


## ...automatisch aktualisiert aus diversen Quellen

**VIVO** | connect • share • discover

Index | Log in

Search

Home | People | Organizations | Research | Events





Tochtermann, Klaus | Prof. Dr.


**Positions**



► Direktor, Leiter des Programmbereichs Medieninformatik, [ZBW](#)  
- [Deutsche Zentralbibliothek für Wirtschaftswissenschaften](#)

**Publications in VIVO**



158 in the last 10 full years (188 total) 

 [Co-author Network](#)

**Contact Info**  

+49-431-8814-333

Affiliation | Publications | Research | Contact | View All

head of

[Deutsche Zentralbibliothek für Wirtschaftswissenschaften](#) Leiter 2010 -

# Tiefe Einsichten u.a. durch Visual Analytics

## Beispiel: Koautoren-Netzwerk eines Autors

Friesike, Sascha

Co-author Network ([GraphML file](#))

### Profile



**Friesike, Sascha**

Dr.

[VIVO profile](#)

13 Publication(s)

14 Co-author(s)

2012 First Publication

2014 Last Publication

Note: This information is based solely on publications that have been loaded into the VIVO system. This may only be a small sample of the person's total work.

Log in to enter additional details about your publications on your profile page.



Refresh

Sort alphabetically

Save as image

# Tiefe Einsichten u.a. durch Visual Analytics

## Beispiel: Publikations-Häufigkeiten an einem Institut

### Alexander von Humboldt Institut für Internet und Gesellschaft

How do you want to compare?

by Publications



What do you want to compare?

Search:

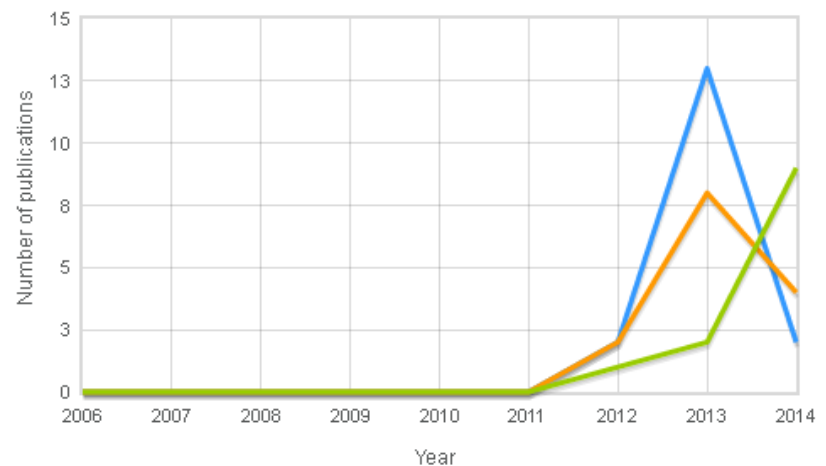


Records 1 - 10 of 90

« First < Prev Next > Last »

	Entity Type	Publication Count	Entity Type
<input checked="" type="checkbox"/>	Schulz, Wolfgang	17	Non-Faculty Academic, Independent Continuant, Internal, Continuant, Entity
<input checked="" type="checkbox"/>	Friesike, Sascha	14	Non-Faculty Academic, Independent Continuant, Internal, Continuant, Entity
<input checked="" type="checkbox"/>	Müller, Jörg	12	Non-Faculty Academic, Independent Continuant, Internal, Continuant, Entity
<input type="checkbox"/>	Schildhauer, Thomas	12	Non-Faculty Academic, Independent Continuant, Internal, Continuant, Entity

Comparing **publications** of **People** in Alexander von Humboldt Institut für Internet und Gesellschaft



Total Number of publications

You have selected 3 of a maximum 10 people. **Clear**

<input checked="" type="checkbox"/>	<a href="#">Schulz, Wolfgang</a>	17
<input checked="" type="checkbox"/>	<a href="#">Friesike, Sascha</a>	14
<input checked="" type="checkbox"/>	<a href="#">Müller, Jörg</a>	12

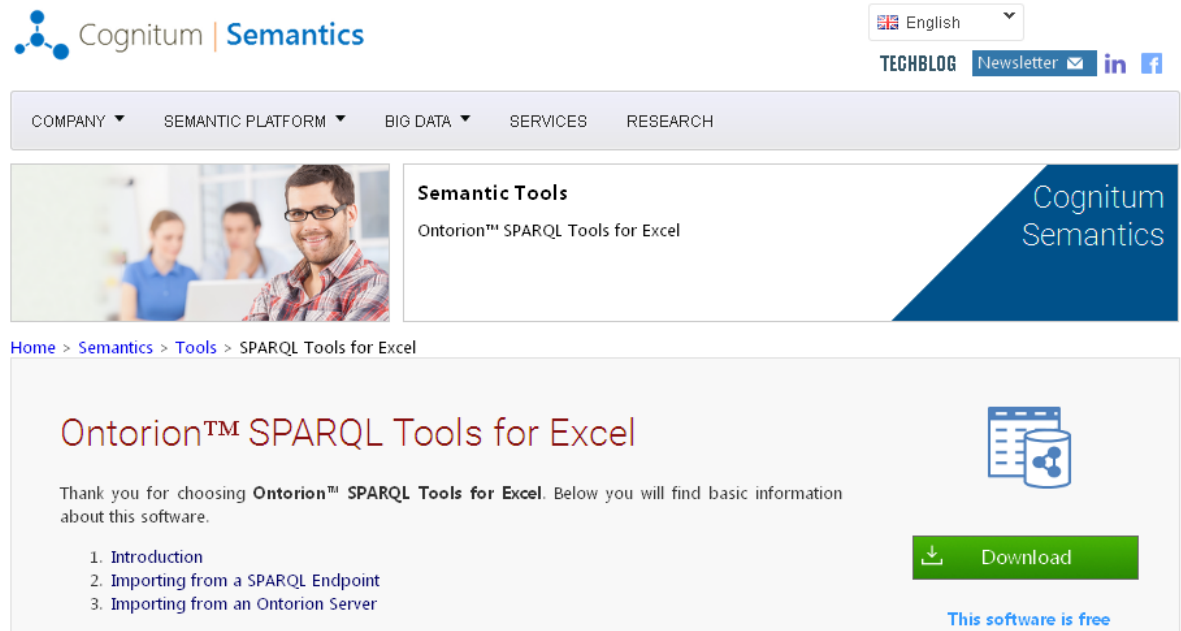
# Etwas über die Technik im Hintergrund

- Regelmäßiges Harvesting, z.T. durch Eigenentwicklungen des Open Science Lab (OSL)
- Regelbasiertes Harmonisieren und Matching von heterogenen Daten aus fünf Websites
- Daten in RDF-Tripeln, indexiert mit Solr
- ...mit Ontologien wie BIBO – vom OSL erweitert
- Piwik-Tracker (Web Analytics)
- SPARQL Endpoint (dazu gleich mehr)



# Warum SPARQL?

- Einfache Abfragesprache ähnlich SQL
- Einfache dynamische Integration von Objekten und Listen in beliebige Websites, auch Typo3
- Einfache Abfrage z.B. auch von Excel aus



The screenshot shows the Cognitum Semantics website. At the top, there is a navigation bar with the logo, a language dropdown set to 'English', and links for 'TECHBLOG', 'Newsletter', and social media. Below this is a secondary navigation bar with links for 'COMPANY', 'SEMANTIC PLATFORM', 'BIG DATA', 'SERVICES', and 'RESEARCH'. The main content area features a banner for 'Semantic Tools' with a photo of three people and the text 'Ontorion™ SPARQL Tools for Excel'. Below the banner is a breadcrumb trail: 'Home > Semantics > Tools > SPARQL Tools for Excel'. The main heading is 'Ontorion™ SPARQL Tools for Excel'. Below this, a paragraph says: 'Thank you for choosing Ontorion™ SPARQL Tools for Excel. Below you will find basic information about this software.' followed by a numbered list: 1. Introduction, 2. Importing from a SPARQL Endpoint, 3. Importing from an Ontorion Server. To the right of the list is a green 'Download' button with a download icon. Below the button, it says 'This software is free'. On the far right, there is a logo for 'Cognitum Semantics'.

Cognitum Semantics

English

TECHBLOG Newsletter

COMPANY SEMANTIC PLATFORM BIG DATA SERVICES RESEARCH

Semantic Tools

Ontorion™ SPARQL Tools for Excel

Home > Semantics > Tools > SPARQL Tools for Excel

Ontorion™ SPARQL Tools for Excel

Thank you for choosing Ontorion™ SPARQL Tools for Excel. Below you will find basic information about this software.

1. Introduction
2. Importing from a SPARQL Endpoint
3. Importing from an Ontorion Server

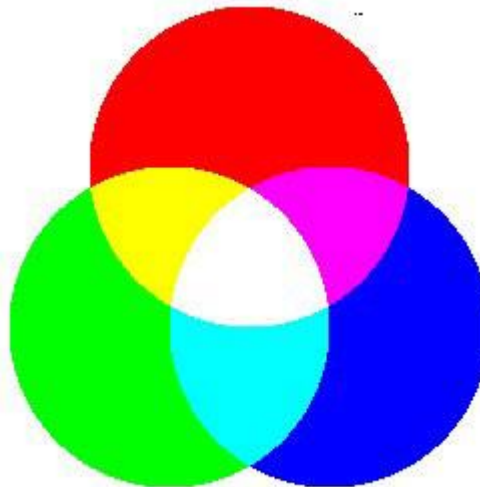
Download

This software is free

# Wozu VIVO?

## Drei Zielgruppen, drei Perspektiven

- Administrativ: Berichtspflichten erleichtern
- Forscher: Sichtbarkeit steigern, sich im Kontext von Institut oder Fachcommunity sehen; leicht nachnutzbare Daten z.B. durch ORCID
- Bibliothek: Zukunftsträchtige neue Aufgabe, gutes Testbed für bibliographische Innovation





# Vielen Dank...

## ...für den Weg bis hier

- [VIVOCamp13](#) (SWIB-Workshop 2013)
- [VIVOCamp14](#) (ELAG-Bootcamp 2014)
- Projekt Kerndatensatz Forschung (Kooperation seit 11.2014)
- Deutschsprachige Lokalisierung von VIVO Ontologien und GUI in Kooperation mit der Hochschule Hannover
- VIVO-Studierendenprojekte an der Hochschule Hannover, in 2014 und 15
- [Science 2.0 Conference](#), Hamburg 2014
- [i-Know Conference](#), Graz 2014
- CRIS 2014 ([1](#), [2](#)), Rom, mit S. Dietze & R. Jäschke

# TIB

TECHNISCHE  
INFORMATIONSBIBLIOTHEK

Vielen Dank für Ihre Aufmerksamkeit!

