

# VIVO for Scientific Communities

## KEYWORD

### Current Research Information Systems (CRIS)

- More than lists of publications by researchers:
- Authoritative list of affiliations & activities of all researchers within an institution over time
- Research management as a driving force: reporting, financial/project management, etc.
- Data model CERIF: XML-based & expandable
- Numerous (mostly proprietary) implementations at the institutional and partly even national level

## KEYWORD

### VIVO ontology & tools

- Added value by merging & linking research information from various sources
- Model for linkable research information (with LOD ontologies such as FOAF, alignment with CERIF)
- VIVO as open source software
- Originally developed at Cornell with NSF funding, now supported by a consortium at DuraSpace
- Numerous implementations, previously primarily in the English-language bio/medical area (CTSA)

## CHALLENGES & OBJECTIVES

- Challenge: from the vast array of research objects on the web to browsing in complete & linked researcher profiles
- Objective: to demonstrate and continue to develop the potential of VIVO (harvesting & linking research information) on the basis of models
- Partners: various national & international stakeholders from science & infrastructure

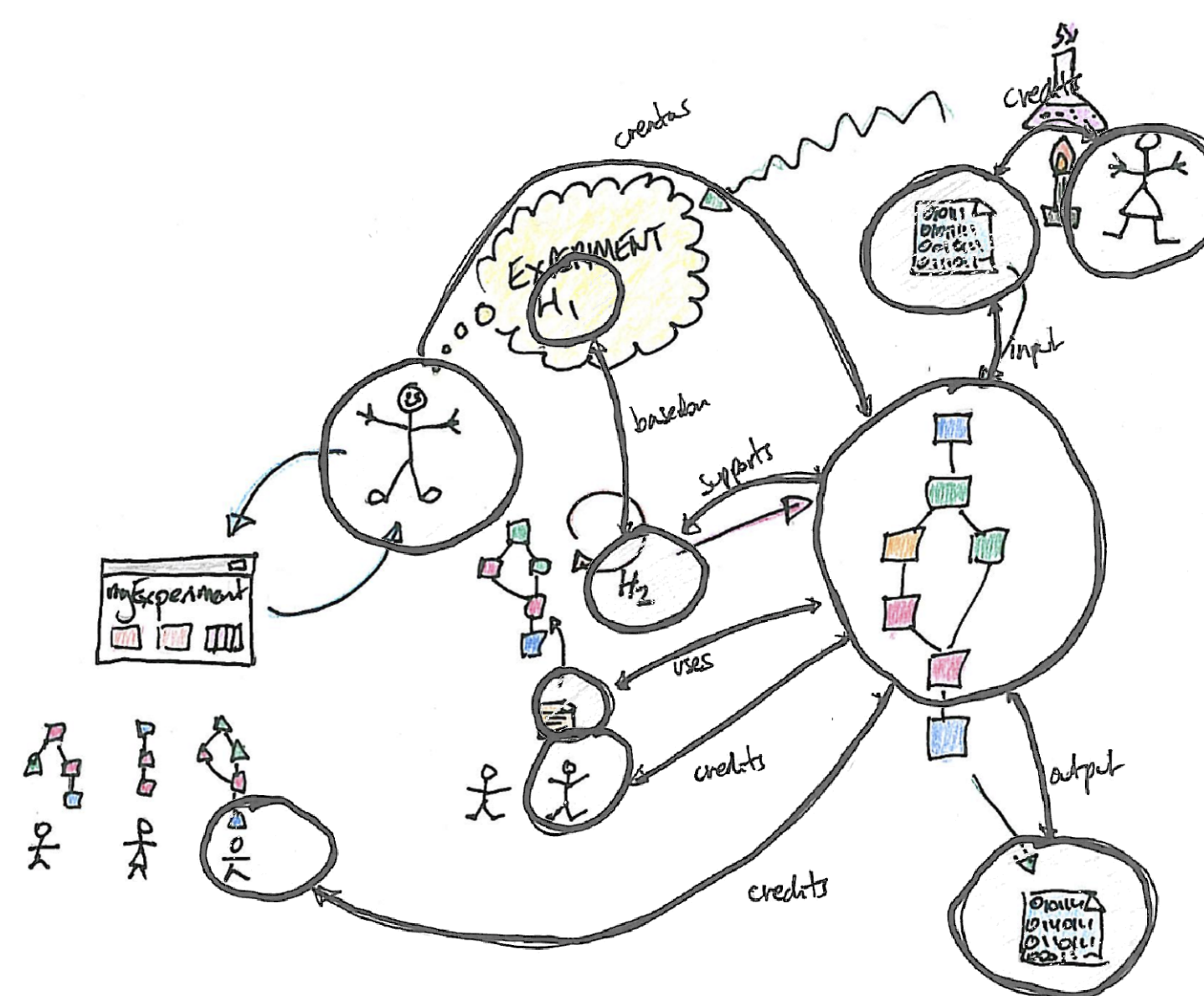


Fig. from: Sean Bechofer et al., Scientific Social Objects.  
<http://slideshare.net/seanb/scientific-social-objects>

## PROTOTYPES Community VIVOS

1. Harvesting and structuring Research information from institutional websites, student project at HSH
  2. Aggregating Research Information „Leibniz Discovery“; Science 2.0 Community
- Adaptation of VIVO to needs in DE & EU, such as Ontology Extension; new ideas from the community?
  - Developed by: TIB Open Science Lab

## FUNDING APPLICATION

### “German Academic Web” (DFG)

- Monthly crawl & data extraction from German-language academic websites
- Objectives: data analysis, bootstrapping of CRIS
- Stakeholders: iFQ, Leibniz Museum für Naturkunde, SLUB Dresden
- Application partners: L3S Research Center & TIB

## NETWORKING VIVOcamp14

- VIVO Bootcamp at ELAG Conference (European Library Automation Group), 10-13 June 2014, Bath
- Following VIVOcamp13, satellite workshop to the SWIB conference, November 2013
- Objective: continuing initial informal exchange and networking between those interested in VIVO from EU countries, focus on running a local VIVO installation and importing research information data
- Organisation together with Lukas Koster (Amsterdam) and Violeta Ilik (Texas)

## POLICY & STANDARDS MAKING

### Position paper\* DINI AG FIS

- Invitation to collaborate on the topic of VIVO
- Context: „Kerndatensatz Forschung“ project from 2014 (initiated by Wissenschaftsrat)

\* Request for Comments:  
<http://zenodo.org/record/7697#.UzA9p6lxqXE>

## CONTACT