

Setting up an **I**nformation Network on **B**iological
Research Data Gained in the **F**ield up to the
Sustainable Storage in a
Primary Data Repository (**I-B-F**)
– A Joint Project Funded by DFG –

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Begin in 2009, in progress

4 partners: at Universities Regensburg and Bayreuth (3)
 at state-funded Service Center (SNSB) (1)

Currently 16 coworkers: 6 computer scientists
 10 biologists

Virtual Research Environment for

Gathering ecological and biodiversity research data in the field.

Sustainable storage and access to these biological data.



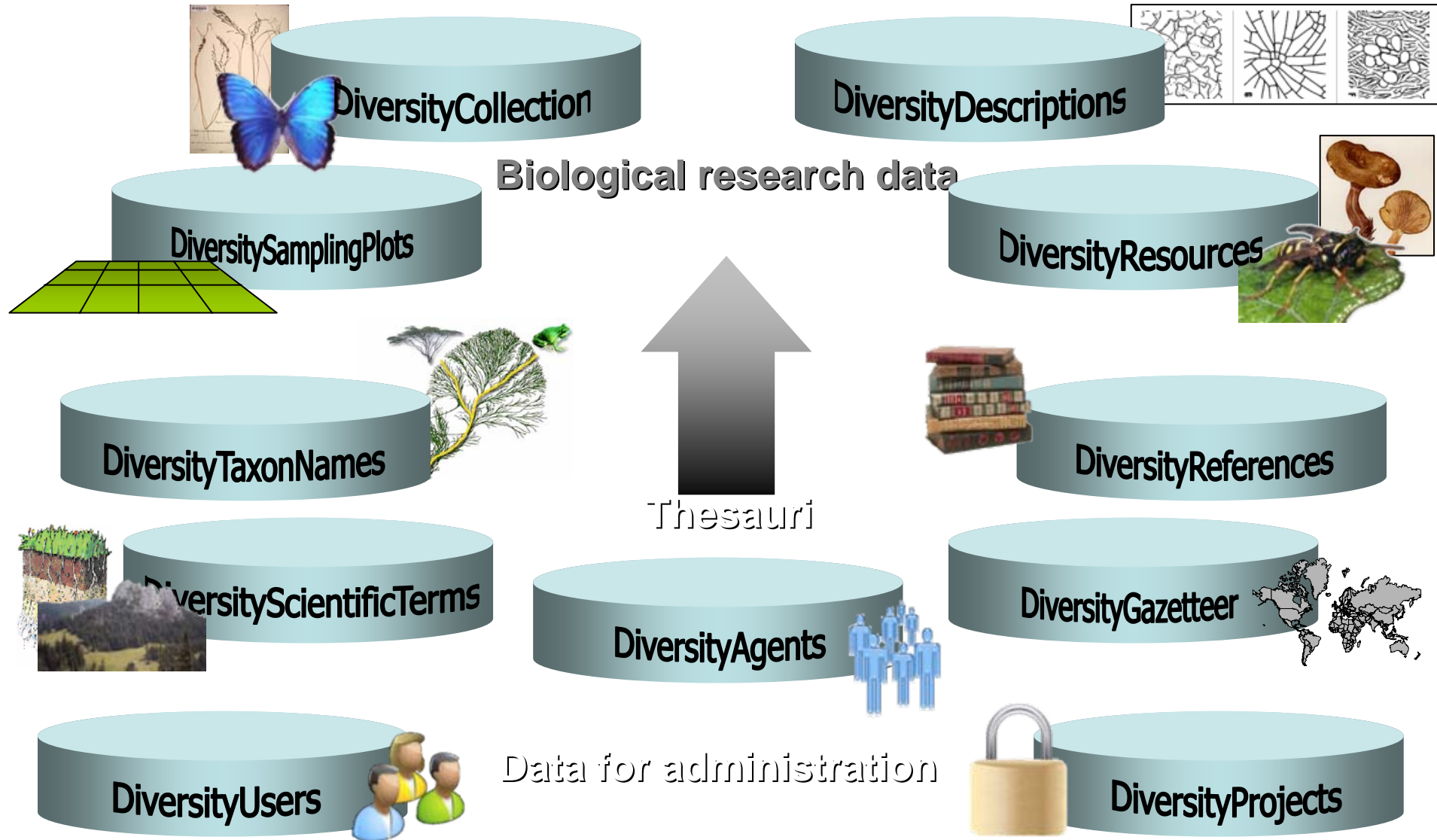
IBF Technical Solution – Data Repository

www.diversitymobile.net

The VRE is based on **Diversity Workbench**, a flexible database framework for biological research data set up since ten years.

ER-models, databases and rich clients to be downloaded under www.diversityworkbench.net.

Generic and **modular** (11 components), following **domains of content**.

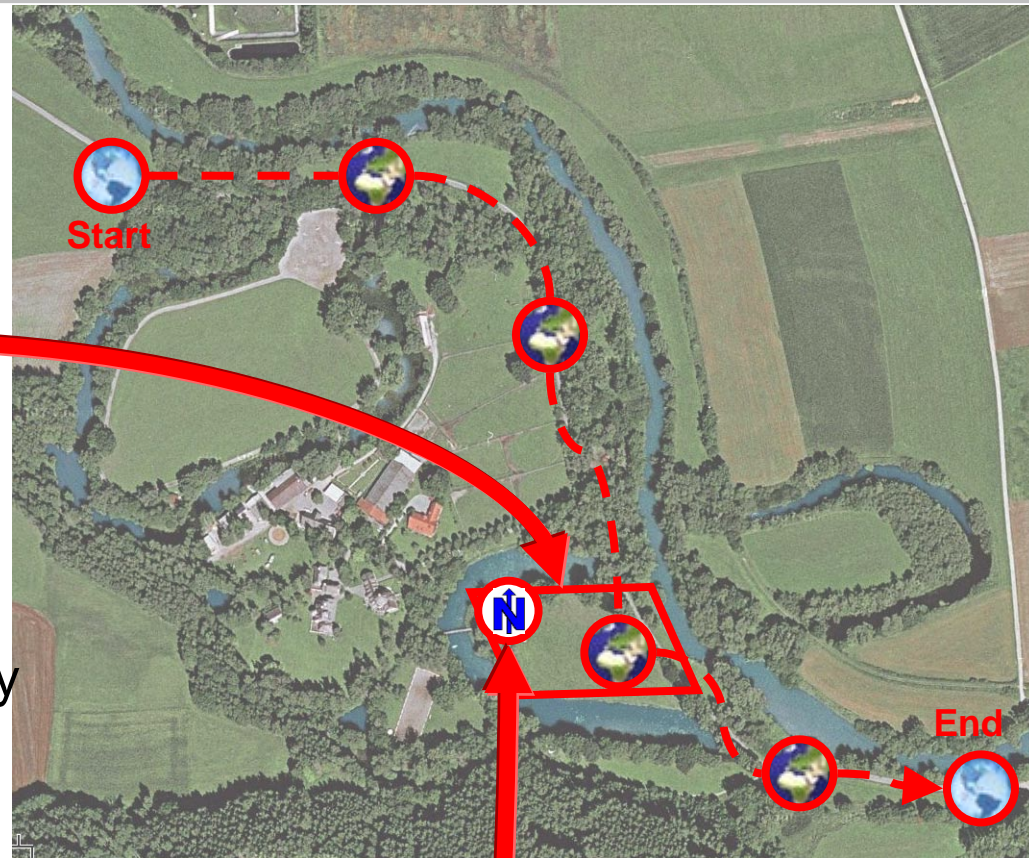
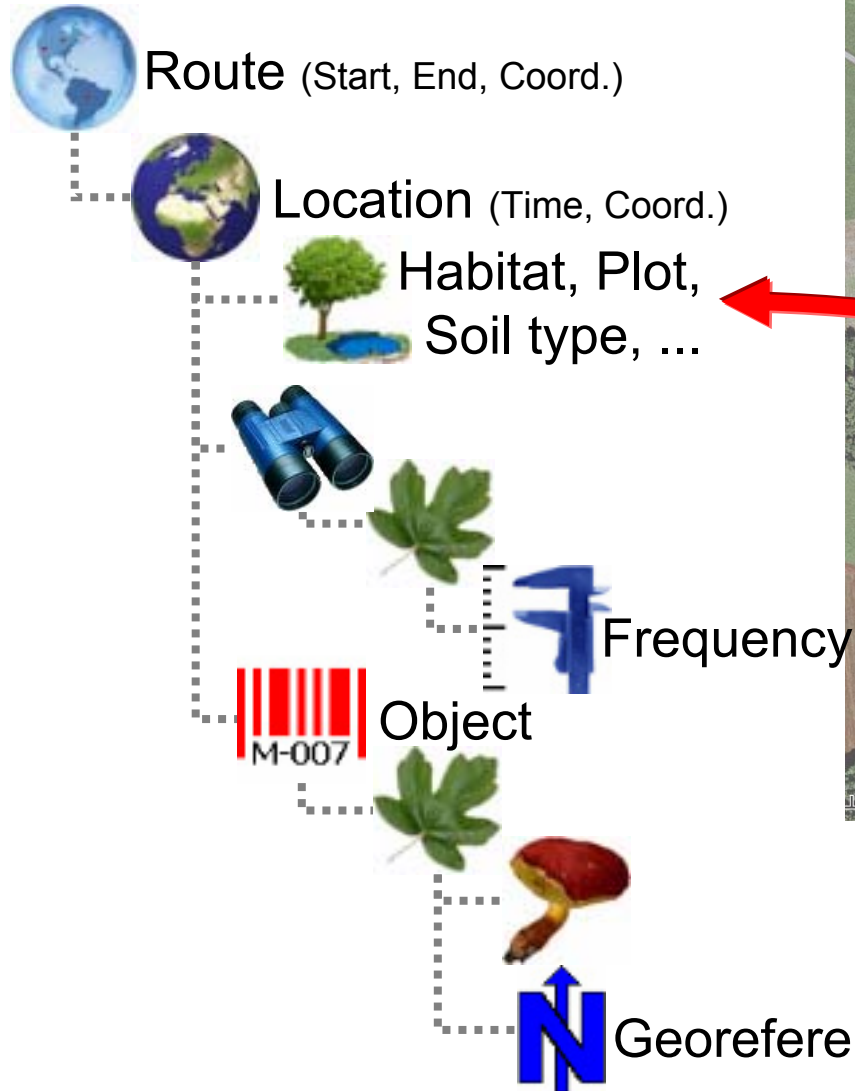


New component with client „DiversityMobile“

→ for gathering **monitoring data** in variable observation areas

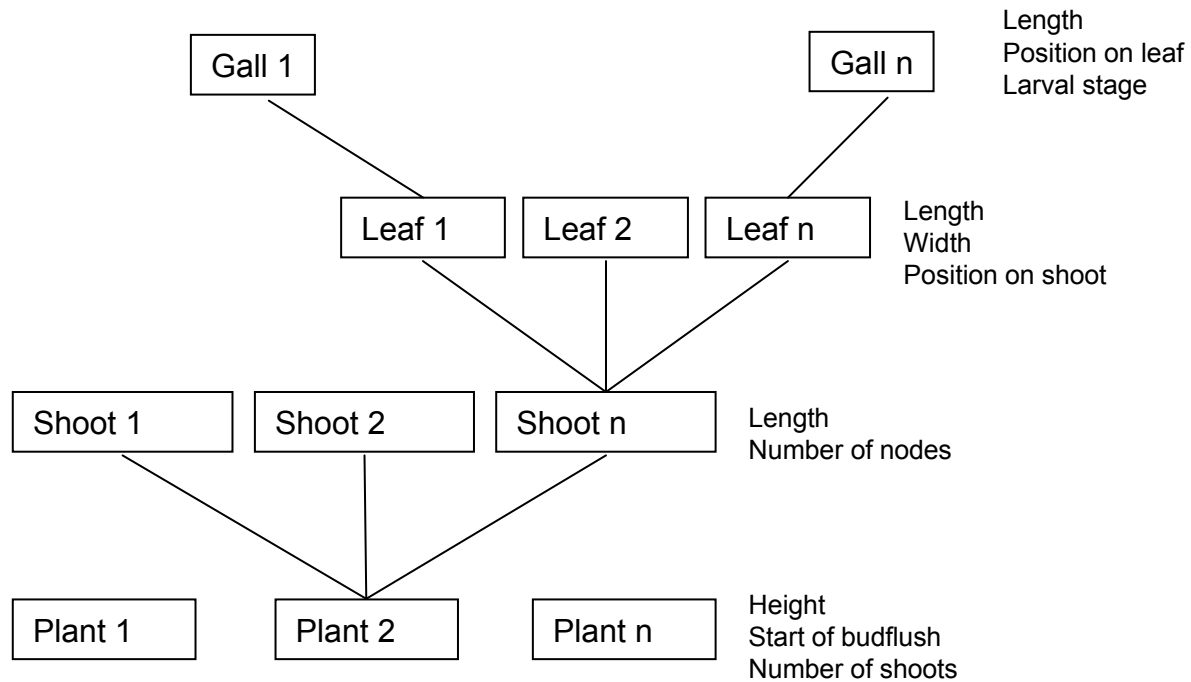
→ for gathering multidimensional **ecological data** in selected research areas

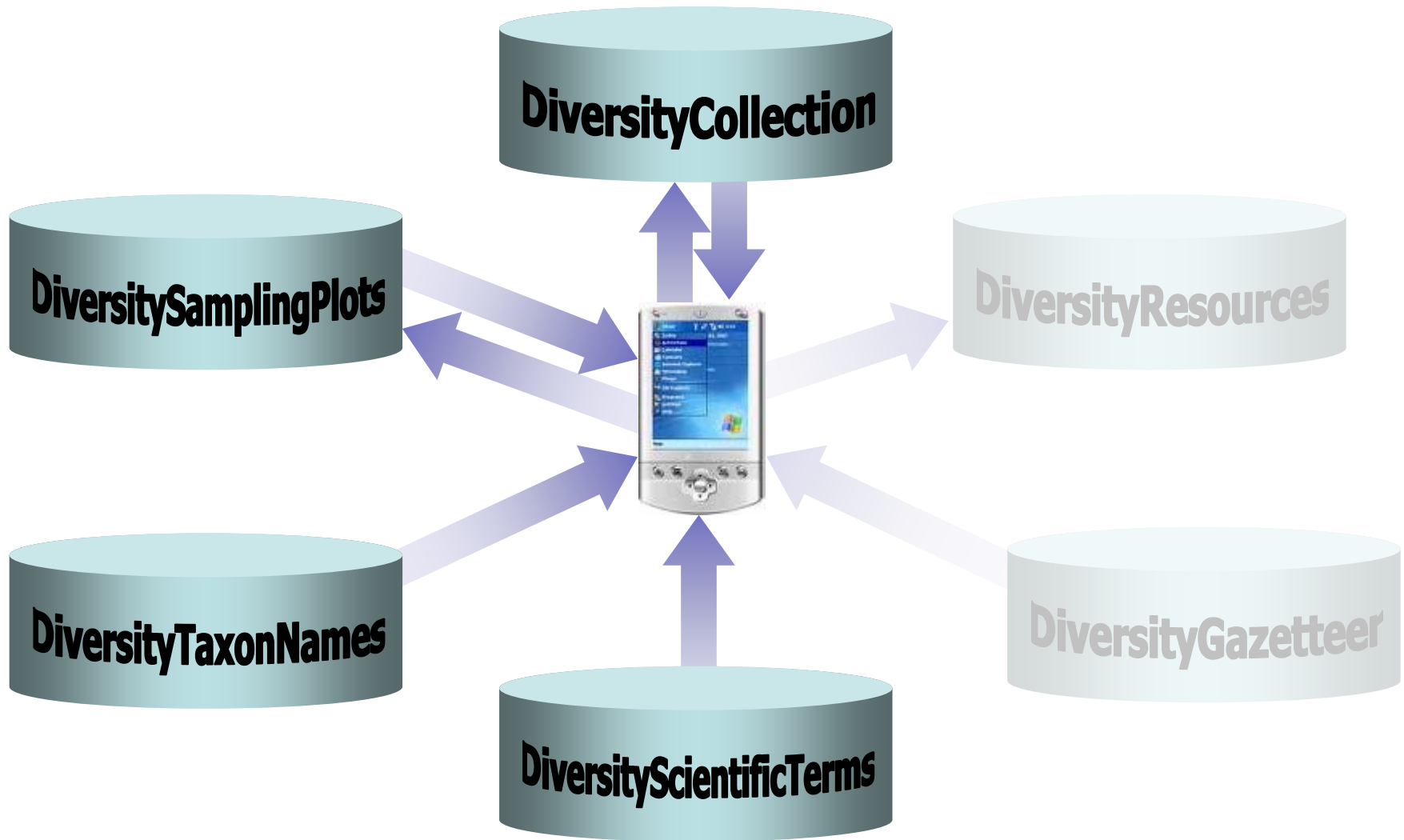




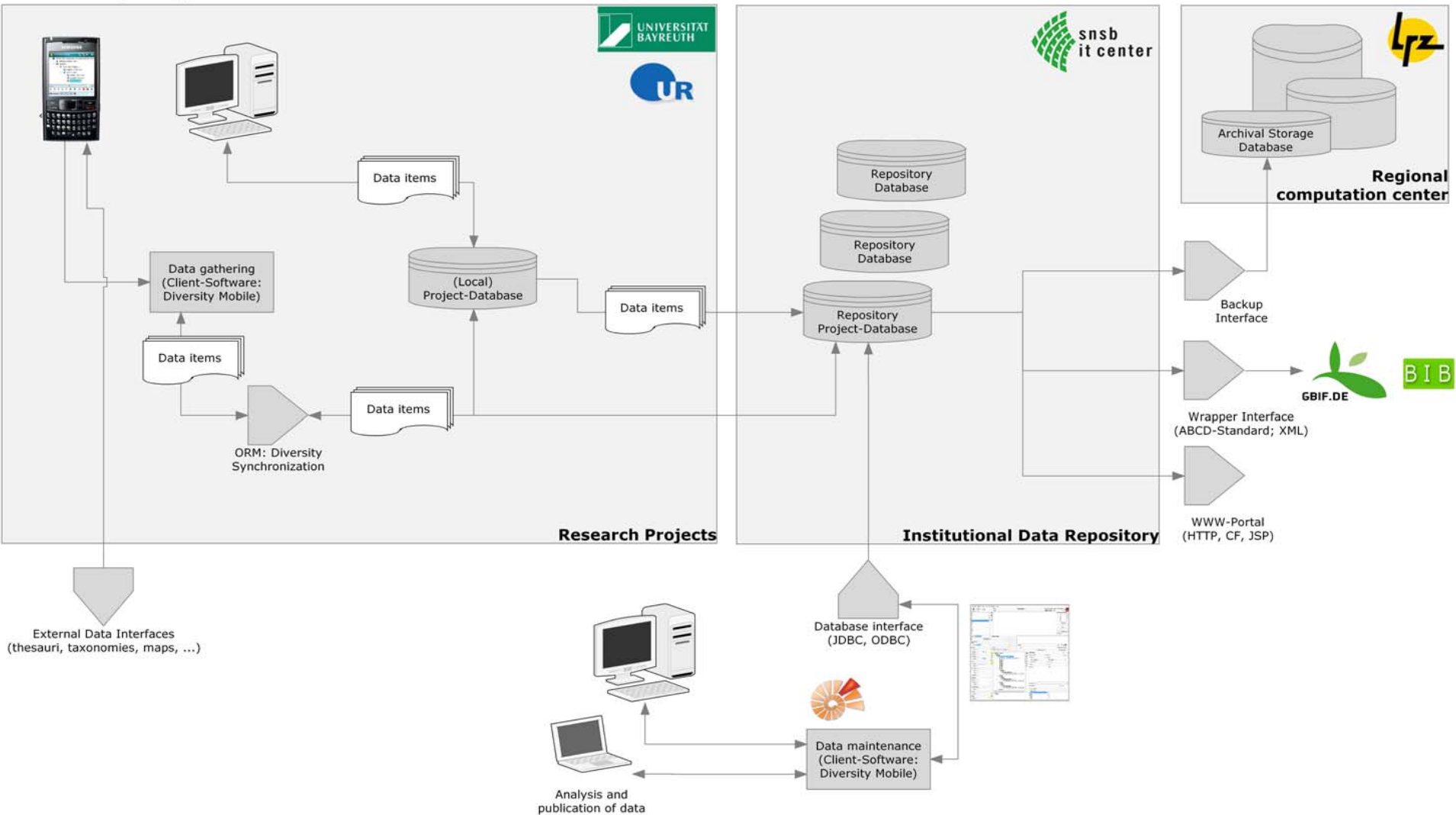


Data with multiple relations gathered at regular time intervalls





Observatory Data, Data Flow



Alexandra Kehl (University Bayreuth)
Bernhard Volz (University Bayreuth)
Markus Weiss (SNSB München)

IBF coworkers and partners

Deutsche Forschungsgemeinschaft (DFG):
LIS Infrastructure Platform