

An update on Rogatus

Supporting the survey workflow with open standards and tools

Ingo Barkow (DIPF / TBA21) – Senior Researcher, Data Manager David Schiller (IAB / TBA21) – Senior Researcher





Agenda

- Introduction to Rogatus QMMS
- The Generic Longitudinal Business Process Model (GLBPM)
- Live demo including improvements since NADDI 2014
 - Rogatus Qbee
 - Rogatus CMS 2.0
 - Rogatus Metadata Builder
 - Rogatus CAMCES extension
- Next steps and new upcoming features
- Q&A



Introduction to our organization

Concept

DIPF - German Institute for International Educational Research

Project Management

TBA21 Germany GmbH

Software Development

OPIT Software Services Kft. (TBA21 Group Hungary)



Definition

- Rogatus (Latin = to be asked) Questionnaire and Metadata Management System (QMMS)
- Design ideas:
 - Framework consisting of several tools for survey design (Qbee, Mbee, Tbee)
 - Support for metadata standards (DDI, SDMX)
 - Support for PAPI, CAPI, CATI and online tests
 - Bases on work on previous projects (NEPS, DaQS, QDDS, Austrian CMS)
 - Compatibility to existing DDI tools (e.g. Colectica, Questasy)
 - Whole toolset is split into two perspectives
 - Researcher creating a study (survey management)
 - Researcher working in data center (data management)



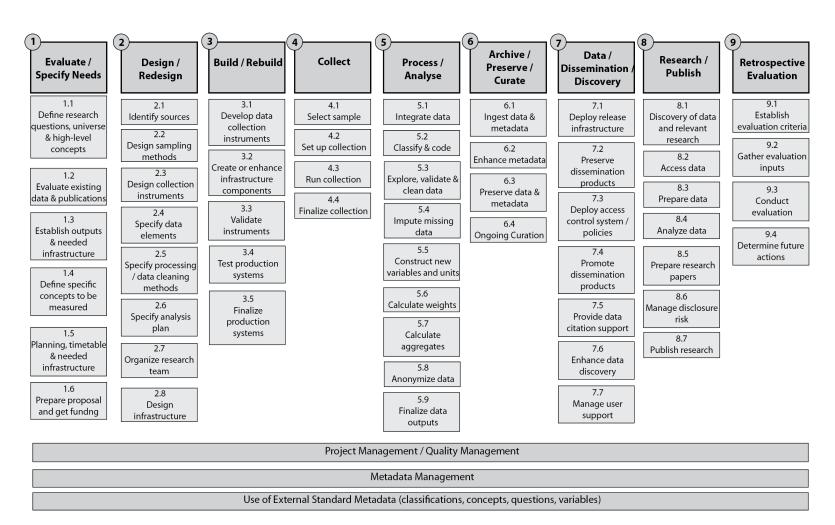
Partners

- GESIS Leibniz Institute for the social sciences (consultancy, funding, software exchange)
- IAB Institute for Employment Research (consultancy, funding)
- Colectica (consultancy)
- Statistics New Zealand (software exchange)
- Swedish National Data Service (software exchange)
- Rand Corporation (software exchange)
- CentERdata (cooperative software development for projects)
- Sam Spencer (consultancy, software exchange)
- Currently negatiations with other partners around the world



The Generic Longitudinal Business Process Model (Barkow et al., 2013)

Generic Longitudinal Business Process Model: Overview





Original long term vision of Rogatus

	Survey Administration Portal		Data Management Portal		
Tools	Questionnaire Builder (Qbee)	CAPI Server	ETL Processes (Import / Export)	Metadata Builder (Mbee)	Rogatus Portal
	Translation Builder (Tbee)	Survey / Case Management System	Internal Dissemination Tool / Portal (?)	Translation Builder (Tbee)	Reporting
		Delivery Server for Onlinetesting			External Dissemination Tool / Portal
		External Survey Platforms (Blaise, TAO, Nipo)			Variable Shopping Basket
		PAPI-based Processes			
Processes	Design Survey Build Instruments	Data Collection	Process / Analyze	Archive / Curate	Data Dissemination



Rogatus – Release version (Q1/2015)

Database Repository Team Server (Portal access - read-only) Layer User Management Layer (Mixed Mode) Survey Administration Portal **Data Management Portal** Web-based Solutions Questionnaire Builder Survey Delivery Metadata Builder (Mbee) Rogatus Portal Server (CAPI/CAWI) Web (Web Qbee) Translation Builder Case Management Administrator (Tbee) Questionnaire Builder Windows Case Delivery Client Stand-alone (Qbee) Applications Design Survey Process / Analyze **Data Dissemination Data Collection** Archive / Curate **Processes Build Instruments**



Live Demo

- Rogatus Questionnaire Builder (Qbee)
- Rogatus Case Management System 2.0 (Rogatus CMS)
- Rogatus Metadata Builder (Mbee)
- Rogatus CAMCES extension



Next steps and projects

- Seamless connection from Rogatus Qbee to Rogatus CMS to train data collection agency staff in South America, Africa and China
- Rogatus Qualidat (an extension for qualitative studies)
- LOEWE3 project for analyses of qualitative data
- ZIM project for CAWI and CATI extension
- Hybrid versions (connectivity to other tools)
 - Rogatus-to-MMIC bridge (use Qbee as design tool for MMIC)
 - Rogatus-to-Colectica bridge (roll out Colectica questionnaires into the field)
 - Rogatus-to-EgoWeb bridge (use Rogatus CMS to roll out EgoWeb studies)



Any Questions?

barkow@dipf.de http://www.dipf.de