Qualitative Data in the Context of Mixed Methods Research

The Concept of Research Data Centre Education (FDZ Bildung) *

http://www.forschungsdaten-bildung.de

Service for Educational Researchers

FDZ Bildung is designed to be an one-stop service corresponding to the research lifecycle:
Researchers get access to general study information, research instruments and research data at a glance.

Representing Empirical Studies in Context

The Study

- General information about the study
- Activating the research community
- Using standards: Metadata scheme based on specifications of the Data Documentation Initiative (DDI)

Providing Access to Quantitative Research Instruments

Questionnaires
- Open access to paper based surveys
- Original questionnaires
- Documentation on the level of theoretical constructs, scales and single items
- Category scheme based on theoretical model of 'input – process – output'
- Scales with proven quality (statistical values)

Assessment Tests
- Recent development activities
- Requires access control
- Paper based, computer based

Referencing Research Results
- Referring study related publications
- Embedding the German Education Index to enable the export of bibliographic formats
- Linking instruments and data to publications

Archiving & Providing Access to Qualitative Research Data

Scope of Data
- Educational research | Topics: quality of schools, (classroom) instruction
- Studies from the recent past (education in the 1970s in the German Democratic Republic) | contemporary studies (e.g. Pythagoras)
- Data types: video files (observations), audio files (interviews), alpha numeric files (transcripts, descriptions, event codings, ratings)

Terms of Access and Use
- Open access to non-personal data
- Restricted access to personal data: demand for privacy protection | legal basis: german data privacy act
- Conditions: restricted to qualified scientific use and registered users | registration requires: personal identification, affiliation to an university or research institution and description of a predefined research goal

Metadata Scheme for Audio-Visual Research Data
- Individual development based on standards like DDI (Data Documentation Initiative) and MPEG 7

Reliable Identification and Citation
- Applying persistent identifiers to make (digital) research data citable
- Using Digital Object Identifier (DOI) via registration services of da|ra

* Member of and accredited by DIPF

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