DataWiz: A Smart Assistant for Data Management in Psychology
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"Scientific research relies heavily on the idea of 'standing upon the shoulders of giants', and not having to rediscover basic principles over and over again." (Eric S. Raymond, 1998)

The DataWiz assistance system is an expert system which provides simultaneously knowledge base and procedural support for data sharing. It can be implemented in place or used as software as a service (SaaS) via central ZPID servers. Furthermore, the data can be stored locally or in a cloud, with access management at the discretion of the owner. This procedure meets the needs of researchers who have voiced concerns about losing their discretionary power over their own data. The standardized formats and interfaces nevertheless allow and encourage the transfer of research data to an established data archive. There are additional benefits, such as the facilitation of study registration and compliance with publishers’ or editors’ requirements. Last but not least, DataWiz will show that data sharing can be proliferated with the help of an assistance system, which could eventually be adapted for use in other disciplines.

Knowledge Base

https://datawizkb.leibniz-psychology.org/

Rich Web Application in Server-side Java without Plug-ins, runs in Browser

https://datawiz.leibniz-psychology.org/