

## **Visualization Strategies for Digital Archives - the Case of the Ernst-von-Glasersfeld-Archive**

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In times of mass retro-digitization of all kinds of archives and the development of new digital methods for text and image processing and analysis, we are not only confronted with technical questions about data modeling, interoperability, and long-term storage but at the same time with conceptual challenges and the crucial questions of how to construct an online archive and provide its content in innovative ways that equally meet the needs of its material as well as of its users. In the case of the Ernst-von-Glasersfeld-Archive, which is part of the Research Institute Brenner-Archives at the University of Innsbruck and contains the literary estate of Ernst von Glasersfeld (1917–2010), the leading question is how to construct an online archive that builds on Glasersfeld's own legacy of radical constructivism by reflecting processes of constructing knowledge as its very design principle.

The poster presentation will give an overview of the ongoing project “Visualization Strategies for Digital Archives – The Case of Discourse Analysis and the Ernst-von-Glasersfeld-Archive” (funded by the *Tiroler Wissenschaftsfond*), an interdisciplinary project that draws from the humanities, computer sciences and digitization expertise. The overall aim of the project is to establish the foundation for subsequent projects in order to develop future-oriented archiving strategies in the digital age and an understanding of archives as virtual research and learning environments. A collaborative, open archive enables users to actively contribute to Glasersfeld's legacy by allowing a qualitative analysis of argumentative and discourse structures of Glasersfeld's work. Innovative visualization strategies of these structures and analyses are required to allow new approaches and insights into the dynamics of development of radical constructivism and the networks of people and philosophies relevant for Glasersfeld's thinking.

So far, a great part of the aims set within the TWF-project have been realized:

- (1) a representative sample of Glasersfeld's main academic works (1960-2010) has been processed (including OCR and metadata) and implemented into a platform that provides faceted search options and enables the display of selected material.
- (2) an evaluation of eligible tools for the discourse and argument analysis that allows users to annotate texts, create tags and work collaboratively has been conducted.
- (3) conceptual work on how to visualize complex interrelations of argumentative and discourse structures in radical constructivism as well as the networks of people, philosophies and institutions of relevance for Glasersfeld's ideas has been carried out.

Further tasks include an exploration of Semantic MediaWiki as an eligible platform, crowdsourcing options and user engagement. Strategies to get users interested and involved in the platform are key aspects for an open collaborative project.