

A Semantic Wiki Approach to Cultural Heritage Data Management

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- [Cultural Heritage Data](#) [2]
- [Durm](#) [3]
- [Semantic Wiki](#) [4]
- [NLP](#) [5]

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Authors	Witte, R. [6], T. Gitzinger [7], T. Kappler [8], and R. Krestel [9]
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Abstract	Providing access to cultural heritage data beyond book digitization and information retrieval projects is important for delivering advanced semantic support to end users, in order to address their specific needs. We introduce a separation of concerns for heritage data management by explicitly defining different user groups and analyzing their particular requirements. Based on this analysis, we developed a comprehensive system architecture for accessing, annotating, and querying textual historic data. Novel features are the deployment of a Wiki user interface, natural language processing services for end users, metadata generation in OWL ontology format, SPARQL queries on textual data, and the integration of external clients through Web Services. We illustrate these ideas with the management of a historic encyclopedia of architecture.
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- [4] <https://www.semanticsoftware.info/category/topic/semantic-wiki>
- [5] <https://www.semanticsoftware.info/category/topic/nlp>
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- [7] <https://www.semanticsoftware.info/biblio/author/2>
- [8] <https://www.semanticsoftware.info/biblio/author/30>
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