Engineering a Semantic Desktop for Building Historians and Architects

Submitted by rene [1] on Tue, 2010-08-17 09:35

- Durm [2]
- Semantic Desktop [3]
- Semantic Wiki [4]
- NLP [5]

Title	{Engineering a Semantic Desktop for Building Historians and Architects}
Publication Type	Conference Paper
Year of Publication	2005
Refereed Designation	Refereed
Authors	Witte, R. [6], P. Gerlach [7], M. Joachim [8], T. Kappler [9], R. Krestel [10], and P. Perera [11]
Conference Name	1st Workshop on The Semantic Desktop - Next Generation Personal Information Management and Collaboration Infrastructure
Tertiary Title	CEUR Workshop Proceedings
Volume	175
Pagination	138–152
Date Published	November 6
Conference Location	Galway, Ireland
Abstract	We analyse the requirements for an advanced semantic support of users—building historians and architects—of a multi-volume encyclopedia of architecture from the late 19th century. Novel requirements include the integration of content retrieval, content development, and automated content analysis based on natural language processing. We present a system architecture for the detected requirements and its current implementation. A complex scenario demonstrates how a desktop supporting semantic analysis can contribute to specific, relevant user tasks.
URL	http://ceur-ws.org/Vol-175/34_witte_engineeringsd_final.pdf [12]
Copyright	Copyright © 2005 René Witte, Petra Gerlach, Markus Joachim, Thomas Kappler, Ralf Krestel, and Praharshana Perera. All rights reserved.

Attachment	Size
34_witte_engineeringsd_final.pdf [13]	503.37 KB

Source URL (retrieved on *2025-12-13 03:00*):

https://www.semanticsoftware.info/biblio/engineering-semantic-desktop-building-historians-and-architects

Links:
[1] https://www.semanticsoftware.info/users/rene
[2] https://www.semanticsoftware.info/category/project/durm
[3] https://www.semanticsoftware.info/category/topic/software-engineering/semantic-systems/semantic-desktop
[4] https://www.semanticsoftware.info/category/topic/semantic-wiki
[5] https://www.semanticsoftware.info/category/topic/nlp
[6] https://www.semanticsoftware.info/biblio/author/1
[7] https://www.semanticsoftware.info/biblio/author/49
[8] https://www.semanticsoftware.info/biblio/author/50
[9] https://www.semanticsoftware.info/biblio/author/30
[10] https://www.semanticsoftware.info/biblio/author/6
[11] https://www.semanticsoftware.info/biblio/author/51
[12] http://ceur-ws.org/Vol-175/34_witte_engineeringsd_final.pdf
[13] https://www.semanticsoftware.info/system/files/34_witte_engineeringsd_final.pdf