## **Ontological Text Mining of Software Documents**

Submitted by <u>rene</u> [1] on Thu, 2010-08-05 06:08

- Semantic Software Engineering [2]
- Ontology [3]
- Software Engineering [4]
- Text Mining [5]

Title {Ontological Text Mining of Software Documents}

Publication Type Conference Paper

Year of Publication 2007 Refereed Designation Refereed

Authors Witte, R. [6], Q. Li [7], Y. Zhang [8], and J. Rilling [9]

Conference Name NLDB

Tertiary Title Lecture Notes in Computer Science

Volume4592Pagination168–180Date PublishedJune 27–29PublisherSpringer

Conference Location CNAM, Paris, France ISBN Number 978-3-540-73350-8

Abstract Documents written in natural languages constitute a major part of

the software engineering lifecycle artifacts. Especially during software maintenance or reverse engineering, semantic

information conveyed in these documents can provide important knowledge for the software engineer. In this paper, we present a text mining system capable of populating a software ontology

with information detected in documents.

URL <a href="http://www.springerlink.com/content/h372580057967733/fulltext">http://www.springerlink.com/content/h372580057967733/fulltext</a>

<u>.pdf</u> [10]

DOI <u>10.1007/978-3-540-73351-5\_15</u> [11]

Copyright © 2007 Springer-Verlag. This is the author's version

of the work. It is posted here by permission of Springer for your

personal use. Not for redistribution.

Acceptance Rate 28%

Attachment Size software text mining nldb2007.pdf [12] 207.08 KB



Except where otherwise noted, all original content on this site is copyright by its author and licensed under a <u>Creative Commons</u> Attribution-Share Alike 2.5 Canada License.

Source URL (retrieved on 2025-12-22 01:04):

https://www.semanticsoftware.info/biblio/ontological-text-mining-software-documents

## **Ontological Text Mining of Software Documents**

Published on semanticsoftware.info (https://www.semanticsoftware.info)

## Links:

- [1] https://www.semanticsoftware.info/users/rene
- [2] https://www.semanticsoftware.info/category/project/semantic-software-engineering
- [3] https://www.semanticsoftware.info/category/topic/ontology
- [4] https://www.semanticsoftware.info/category/topic/software-engineering
- [5] https://www.semanticsoftware.info/category/topic/text-mining
- [6] https://www.semanticsoftware.info/biblio/author/1
- [7] https://www.semanticsoftware.info/biblio/author/42
- [8] https://www.semanticsoftware.info/biblio/author/34
- [9] https://www.semanticsoftware.info/biblio/author/10
- [10] http://www.springerlink.com/content/h372580057967733/fulltext.pdf
- [11] http://dx.doi.org/10.1007/978-3-540-73351-5 15
- [12] https://www.semanticsoftware.info/system/files/software\_text\_mining\_nldb2007.pdf