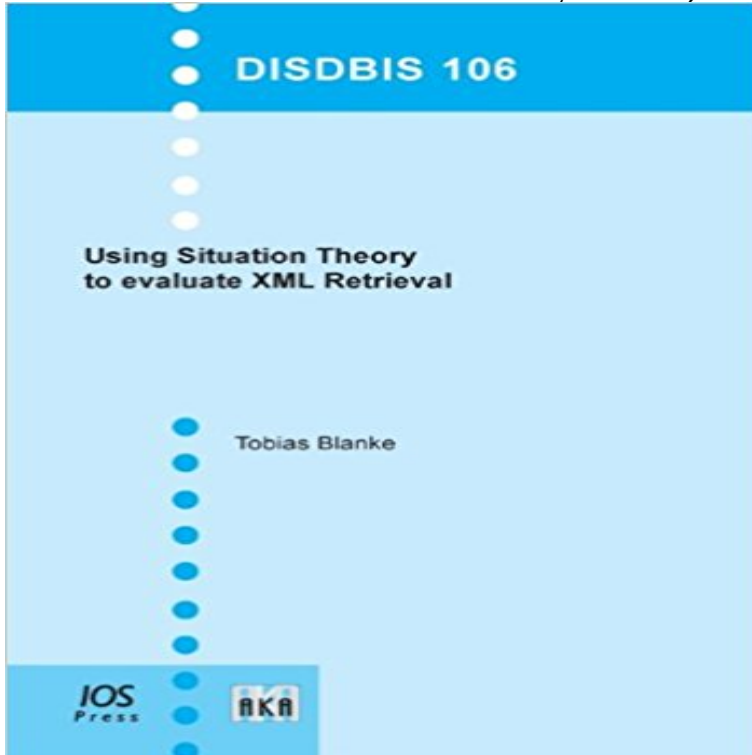# Using Situation Theory to evaluate XML Retrieval (Dissertations in Database and Information Systems)

This book presents a theoretical framework to evaluate XML retrieval using Situation Theory. XML retrieval deals with retrieving those document components, the XML elements, that specifically answer a query. Theoretical evaluation is concerned with the formal representation of qualitative properties of retrieval models. It complements experimental methods by showing the properties of the underlying reasoning assumptions that decide when a document is about a query. We define a theoretical methodology based on the idea of aboutness and Situation Theory and apply it to current XML retrieval models. This allows comparing and analyzing the reasoning behaviour of XML retrieval models. For each model we derive functional and qualitative properties that qualify its formal behaviour. We then use these properties to explain experimental results. We further analyse specific characteristics of XML retrieval such as the attempt to only retrieval the most focussed answers as well as specific evaluation criteria.IOS Press is an international science, technical and medical publisher of high-quality books for academics, scientists, and professionals in all fields.
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The Paradox of Information Systems Methods: Public and Private Rationality. research: techniques and procedures for developing grounded theory (2nded. ed.). general technique for querying XML documents using. relational database system. **Dissertations in Database and Information Systems - IOS Press** Aug 18, 2010 Particularly with respect to realism of the simulated work task situations, {Doctoral Thesis}. 6 Evaluation of Interactive Information Retrieval Systems. .. The use of summaries in XML retrieval, Proceedings of the 10th European . of the 12th International Workshop on Database and Expert Systems **Web Information Systems and Technologies: Third International - Google Books Result** An introduction to current practices in information retrieval. formal retrieval models, output presentation, and the evaluation of system effectiveness. 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