عنوان مقاله:

Apply Uncertainty in Document-Oriented Database (MongoDB) Using F-XML

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خلاصه مقاله:

As moving to big data world where data is increasing in unstructured way with high velocity, there is a need of data-store to store this bundle amount of data. Traditionally, relational databases are used which are now not compatible to handle this large amount of data, so it is needed to move on to non-relational data-stores. In the current study, we have proposed an extension of the MongoDB architecture to support FMQL by integrating a software layer on MongoDB translating FMQL queries to corresponding F-XML queries. Flexible queries have been done in the oriented-document database (MongoDB) by using fuzzy xml commands in the document-centric (MongoDB) injected uncertainty and expressed this commands based on F-XML and by using uncertainty. We used the fuzzy properties to improve query in the document-oriented database (MongoDB) and we showed the Position of the proposed method by the implementation and evaluation of a case study.

کلمات کلیدی:

NOSQL, Document-Oriented Database (MongoDB), Fuzzy Query, XML, F-XML

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