Abstract

Many kinds of searching technique have been developed today. One of these techniques is using ontology to support semantic technology. This technology is applied on this research. It is an experimental research to develop a semantic search based on ontology with case study on Indonesian articles about batik. There are so many batik articles on the internet today. But the information about batik cannot be easy to find. It because Indonesia is rich with batik. So many places produce batik with their own characteristic. The aim is to expand the meaning of keyword that user inputted. And the result shows that cosine value with expanded ontology is higher than without ontology. It almost doubles the value of cosine without ontology.

References

Programming, Wiley Publishing Inc, Indianapolis, Indiana


**Index Terms**

Computer Science  
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**Keywords**

TF/IDF, Vector Space Model, Document, Term, Ontology. Batik, Article