Abstract

Many kind of searching technique has 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 article about batik. There are so many batik articles on the internet today. But the information about batik can not be easy to find. It because Indonesia is rich with batik. So many place 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 double the value of cosine without ontology.

References

Programming, Wiley Peublishing Inc, Indianapolis, Indiana


**Index Terms**

Computer Science Information Sciences

**Keywords**

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