Abstract

Searching proper information is becoming most challenging task due to increasing amount of information in the web. Search engines smartly do this thing to fulfill the user’s requirement. But Search engines are packed with billions of URL’s and there are millions of permutation and combination of the keywords to provide the query for search engines. So, to ease this process of firing query where user can come to know about the query string as he is entering some consecutive characters for the query. And this is known as the String transformation technique. Many methods are been introduced to provide service for this technique, but most of them are not relay on the meaning of the String. So proposed system put forwards an idea where semantic of the word is identified using the ontology. Using generalized inverted index actually speed-up the process of searching.

References

1. E. Brill and R. C. Moore, “An improved error model for noisy channel spelling correction.”
A Heuristic Approach to Enforce String Transformation using Ontology and Log Module


6. Thanh Tran, Philipp Cimiano, Sebastian Rudolph and Rudi Studer “Ontology-based Interpretation of Keywords for Semantic Search”, X-media (IST-2006-026978) and the NeOn (IST-2006-027595) projects.


Index Terms

Computer Science

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Keywords

String transformation, Ontology, Generalized inverted index, Log linear model, Protégé Tool.