A Heuristic Approach to Enforce String Transformation using Ontology and Log Module

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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

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Index Terms

Computer Science    Information Sciences

Keywords

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