ABSTRACT

THE IMPLEMENTATION OF SUFFIX TREE CLUSTERING FOR GROUPING DOCUMENT OF THE ONLINE SEARCH RESULTS IN SEARCH ENGINE AND SOCIAL NETWORK

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Searching of documents are things that often doing by users. But sometimes the searching didn't give the optimal result. Users often should browse some page before he/she gets the result he/she wants, especially for things that is specific and hard to find. This will use so much time.

Clustering is a way to grouping search result to its own class, without having to predefine what class that should be there. One of many algorithms that can be use for grouping document is Suffix Tree Clustering algorithm, which will be used to grouping some search results that is done by users. This algorithm can be implemented directly into search results from search engine and social network. The input for this Suffix Tree Clustering algorithm is the snippet from the search results. This snippet will be processed to get known what topic it is about. One snippet can have many topics, therefore the ability of Suffix Tree Clustering algorithm is very useful for grouping the search result documents.

With this algorithm, it is expected that the process of searching information that is done by users can be done in a much faster time, so that the time for it can be optimalized.

Keywords : searching, Suffix Tree Clustering, search engine, social network