

ABSTRACT

Stemming is a basic form searching technique of a term. Term is a word that exists in a text document. Stemming performed at the time of the index of a document. Stemming technique is required in addition to minimize the number of different index of a document, as well as to perform other grouping of words that have the basic words and meanings are similar but have a different shape or form because of a different particle. Stemming technique consists of a variety of methods. The first method of stemming the reference table which affix beheading. The process of stemming a term with this method is done by removing the particle from the term in accordance with the reference tables are used beheadings affixes. The second method is the development of the first method. This second method uses a table of reference other than beheading affixes, also uses a dictionary of basic words. Basic word dictionary is used as a reference stemming results during the process of augmentation is complete decapitation. The results stemming from the process with this method must exist in the dictionary headword, if not entered then the term is regarded as a basic form. One of the stemming technique is the algorithm Idris. Idris algorithms use different techniques in determining the outcome stemming, which uses two dictionaries: general dictionary and the dictionary (based on the content of the document). This algorithm will correct the results stemming back, and then match them with the words in the dictionary.

Keywords : *stemming, Idris algorithm, term, information retrieval*