Abstract

Information Retrieval (IR) is a computer science that related to retrieved information from collection documents based on the content of the documents. Process in Information Retrieval can be described as a process to collect relevant documents from collection documents based on accurate of keyword. A way to increase the performance of Information Retrieval System is with optimize keyword. Co-Occurrence Statistic Information Method can be applied in Information Retrieval to search optimized keywords.

The result show that applied Co-Occurrence Statistic Information Method in Information Retrieval System can be able to increase the performance of it, where precision and recall value around 0,5. Increasing the performance of it, caused by co-occurrence of word with others words.

Keywords: *Information Retrieval, Information Retrieval System, Co-Occurrence Statistic Information Method, and keyword.*