

Abstract

With consideration of rapid information develop nowadays, search engine is consider as a tools for searching information and that information needs to be exact so it can retrieve the right information. Sometimes the information retrieve is not the exact information that the user wants. One of the techniques to help increase the relevance level for the information is called "*Relevance Feedback*". The implication of the Information Retrieval System can be done implement in many different ways and Support Vector Machine is one of the method.

With Support Vector Machine, the performance of Inforation Retrieval System increase in the total number of certain feedback. Whereas document can become a document feedback which consider to be top level documents that can be found in a system. From the implementation of this method, the best increasing level at this stage can reach 75.60% at precission level, 60.3% for recall and 35.83% for IAP

Key words : *information retrieval system, relevance feedback, support vector machine, precision, recall.*