Abstract

The explosion of information cause people have difficulty in getting the information fastly, compact and relevant to their needs. To overcome this required an Information Retrieval System (IRS) that aims to help users find information relevant to their needs in a short time. One of them is the search engine. THE problem is the extent to which the document is generated by the search engines with the relevant information desired by the user based on type of input query.

In the field of IRS, usability of search engine is defined as a measurement of quality or performance of a search engine. One of its parameters is effectiveness with Precision. Effectiveness views of the extent to which the system is able to provide relevant results based on the information required. Precision is the number of groups of relevant documents from the total number of documents found by the system.

At the end of this task, the analysis will be done on search engines Precision with structured documents, and test the type of query, such as that which showed perfomansi better. Search engine used was the ACM Portal and Soringerlink. From the test results obtained, ACM portal Precision value is higher than Springerlink. And from the second search engine, boolean query Precision value is higher than simple queries.

Keyword: *Information retrieval, search engine, structured-text, usability, efektivitas, precision.*