ABSTRACT

Automatic Text Summarizer is software that is able to make summary from a text which can be use directly without editing to the summary. Text Summarization is one of area which is being developed in few years by using specific algorithm and available method. There are two types of summarization which take the important part of the original text: abstract and extract.

In this research, extraction method is used with identification part of important information in article relied on enumeration frequency of word apparition statistical analysis, using Term Frequency (TF) and LEAD method. In this research, we also consider terms used in title or headline as an input. The summarizing evocation conducted by an important sentence election in document according to TF, LEAD and headline parameters.

This software is implemented using VB.NET programming language and all data are stored in .txt file using B+tree accessing method. This software has input and output text in Indonesian language. Software's input is a single document, which is a plain text document contains a news source with a title and or a headline.

With this software, people can easily obtain the main idea of an article automatically. The evaluation of the software show that the summary result is more appropriate if the input is news article.

Keywords: Automatic text summarization, extract, TF, LEAD, headline.