Comparative Study of Text Summarization Methods

Volume 102 - Number 12
Year of Publication: 2014

Authors:
Nikita Munot
Sharvari S. Govilkar

Abstract

Text summarization is one of application of natural language processing and is becoming more popular for information condensation. Text summarization is a process of reducing the size of original document and producing a summary by retaining important information of original document. This paper gives comparative study of various text summarization methods based on different types of application. The paper discusses in detail two main categories of text summarization methods these are extractive and abstractive summarization methods. The paper also presents taxonomy of summarization systems and statistical and linguistic approaches for summarization.

References

Comparative Study of Text Summarization Methods

121–128.
- ZHANG Pei-ying, LI Cun-he. Automatic text summarization based on sentences clustering and extraction.
- Youngjoong Koa, Jungyun Seo 2008. An effective sentence-extraction technique using contextual information and statistical approaches for text summarization.

Index Terms

Computer Science

Information Sciences
Keywords
NLP  text summarization  abstractive summary  semantic graph theory  linguistic approach  statistical approach