Comparative Study of Text Summarization in Indian Languages

International Journal of Computer Applications
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Volume 75 - Number 6
Year of Publication: 2013

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10.5120/13115-0449
{bibtex}pxc3890449.bib{/bibtex}

Abstract

Text Summarization has been an area of interest since many years. There are a lot of summarization methods in foreign languages like English, Chinese [9], [10], Arabic[11], Korean [12], Persian [13] etc. Recently some methods have been developed for Indian languages also. This paper presents a comparison of various text summarization methods seen in Indian languages. Summarization techniques in Tamil, Kannada, Odia, Bengali, Punjabi and Gujarathi are taken for the purpose of comparison. Sample text consisting of three sentences is taken as an example and we try to find out the summary sentences using all the eight methods.

References

- Sankar K, Vijay Sundar Ram R and Sobha Lalitha Devi, Text Extraction for an Agglutinative Language, Problems of Parsing in Indian Languages, M a y 2 0 1 1 Special Volume.
Comparative Study of Text Summarization in Indian Languages

- Kamal Sarkar Bengali text summarization by sentence extraction, Proceedings of International Information Management(ICBIM-2012),NIT Conference on Business and Durgapur, PP 233-245.
- Lei Yu1, Jia Ma1, Fuji Ren1,2, Shingo Kuroiwa1, Automatic Text Summarization Based on Lexical Chains and Structural Features, Eighth ACIS International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing,0-7695-2909-7/07 ,2007 IEEE.
- Jae-HoonKim,Joon-HongKim, Korean text summarization using an aggregate similarity,In proceedings of IRAL &apos;00 Proceedings of the fifth international workshop on on Information retrieval with Asian languages , Pages 111-118,2000.

Index Terms
Computer Science
Information Sciences

Keywords
Feature  Weight  Score