Abstract

Measuring the similarity between words, sentences, paragraphs and documents is an important component in various tasks such as information retrieval, document clustering, word-sense disambiguation, automatic essay scoring, short answer grading, machine translation and text summarization. This survey discusses the existing works on text similarity through partitioning them into three approaches; String-based, Corpus-based and Knowledge-based similarities. Furthermore, samples of combination between these similarities are presented.

A Survey of Text Similarity Approaches

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A Survey of Text Similarity Approaches


**Index Terms**

Computer Science  
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**Keywords**

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Semantic Similarity  
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Corpus-Based Similarity  
Knowledge-Based Similarity