Multimodal Information Retrieval by using Visual and Textual Query

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 137
Number 1

Year of Publication: 2016

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10.5120/ijca2016908637
2016908637.bib

Abstract

As the number of internet users are increasing day by day. So amount of data also increases, so fast response is desired by different users. So most of the researchers are working in relevant information retrieval. Proposed work has focus on image retrieval by the combination of textual and visual features. In this work annotations of the image are use for the initial filtering of image from the dataset. After first filtration selected images are sent for visual feature base comparison. On the basis of the visual feature combination final ranking of the images are done as per the input query. Results shows that combination of both type of feature give more effective results as compare to single one.

References


Index Terms

Computer Science Pattern Recognition

Keywords

Digital Image Processing, Information Extraction, feature extraction, Re-ranking.