Abstract

To facilitate the ease of searching the images in social websites through tags, a social re-ranking system is proposed for tag-based image retrieval considering the image’s relevance and diversity. The input images that are tagged by different social users are taken from social websites. This paper includes, sorting the input images based on inter user re-ranking. Users having higher contribution to the given query rank higher, Intra-user re-ranked on the ranked user's image set. The most relevant image from each user's image set is selected. An inverted index structure is built for the social image dataset to accelerate the searching process.
References

- Xueming Qian, Member, IEEE, Dan Lu, and Xiaoxiao Liu;"Tag Based Image Search by Social Re-ranking"; IEEE TRANSACTIONS ON MULTIMEDIA, MM-006206, 12 May 2016.
- X. Hua, M. Ye. Mining knowledge from clicks: MSR-Bing image retrieval challenge. In Multimedia and Expo Workshops (ICMEW), 2014 IEEE International Conference on (pp. 1-4).
Index Terms
Computer Science
Information Science

Keywords
Social Media  Tag-based  Social Clues  Inverted Index  Social Re-ranking.