Abstract

With the development of mobile device, large amount of digital images are generated every day. The requirements of effective indexing and searching image are growing rapidly. Image annotation is an effective way for content based image retrieval. This paper gives a review of different categories for image annotation. The paper also gives a brief overview of different methods for image annotation under Semi-Automatic and Automatic annotations. Manual annotation is a costly and time consuming work, especially for mobile device.

References

- Wei Liu, Xue Li, Daoli Huang “A Survey on Context Awareness” Computer Science and Service System (CSSS), International Conference on, 29 June 2011 IEEE
- Shuangrong Xia, Xiangyang Gong, Wendong Wang, Ye Tia “Context-Aware Image Annotation and Retrieval on Mobile Device” 2010 IEEE.
- L. Cao, J. Luo, H. Kautz, T. S. Huang. “Image Annotation within the Context of Personal
A Study on Image Annotation Techniques

Photo Collections Using Hierarchical Event and Scene Models”. In IEEE Multimedia 2009 11(2), 208- 219.


- asullah Khalid Alham, Maozhen Li1, Suhel Hammoud and Hao Qi “Evaluating Machine Learning Techniques for Automatic Image Annotations” 2009 IEEE


Index Terms

Computer Science Multimedia

Keywords

Ontology Semi-automatic annotation Automatic annotation.