Abstract

We present an implementation of a search engine that searches videos based on its textual content. The system consists of four parts video processing, spell correction, indexing and searching. The video processing is done by dividing the video into frames and extracting text out of it. Lecture videos, news having some textual content in it show good results.

References

- Huizhong Chen, Sam S. Tsai, Georg Schroth, David M. Chen, Radek Grzeszczuk and Bernd Girod, "Robust Text Detection In Natural Images With Edge-Enhanced Maximally
Stable Extremal Regions,

- Zi Huang, Yijun Li, Jie Shao, Heng Tao, Shen, Liping Wang, Danqing Zhang, Xiangmin Zhou, Xiaofang Zhou, "Content-Based Video Search: is there a need, and is it possible," in IEEE, 2008.

Index Terms

Computer Science

Pattern Recognition
Keywords

Indexing  Retrieval  Video  OCR  Searching  Search Engine  Apache Solr.