Abstract

Video is one of information media that commonly used. We found problem when we want to get some kind of specific information from video files, how we can get a specific information from video database by its contents.

One of solution to find spesific information from a video file is to segmenting and recognizing artificial text occurences. Artificial text can be used as an index for specific information that we want to find.

The final output of this segmentation and text recognition application is a new indexed video file, index taken from artificial text that occurred in video image as video content information and represented in ASCII character to simplicate information finding. As the conclusion, system capable to segmenting 86,30% of text blocks occurency in video files, performing 77,42% precision for text blocks recognition, and probability of information retrieval by index is giving result 89,23% for each text occured in video files.

Key word : Artificial text.