Keyword-guided Word Spotting to Augment Reality
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Motivation
- OCR is expensive
- Correcting OCR errors is time consuming
- Want to exploit uniqueness of text shape to identify text
- New direction in text recognition

Typical OCR: Current OCR engines are computationally expensive and slow. Consequently, they cannot be used for text identification in real time systems and on mobile platforms

Goal: Explore and implement a novel text recognition scheme, capable of running on a mobile platform

Pipeline

Experimental Results

Related Work
- http://www.stanford.edu/class/ee368/