

Real-time Query-by-Image Video Search System

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<http://videosearch.stanford.edu>



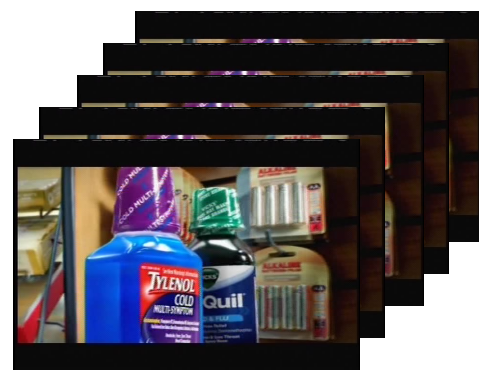
Image-based Search of Videos

Image query



Search System

Video database



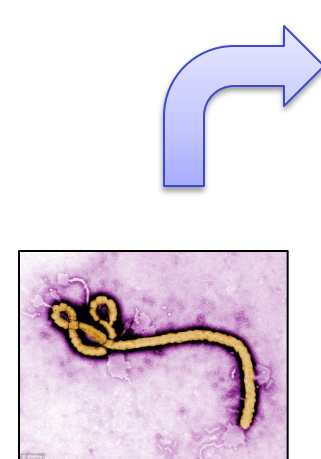
- ✓ News videos: search event footage using photos
- ✓ Online education: search lectures using slides
- ✓ Brand monitoring: search TV/YouTube using product or logo images

Contribution:

Real-time online system that searches large database of videos using image queries

User Interaction

Image querying



Please choose a query image file:

Choose File No file chosen

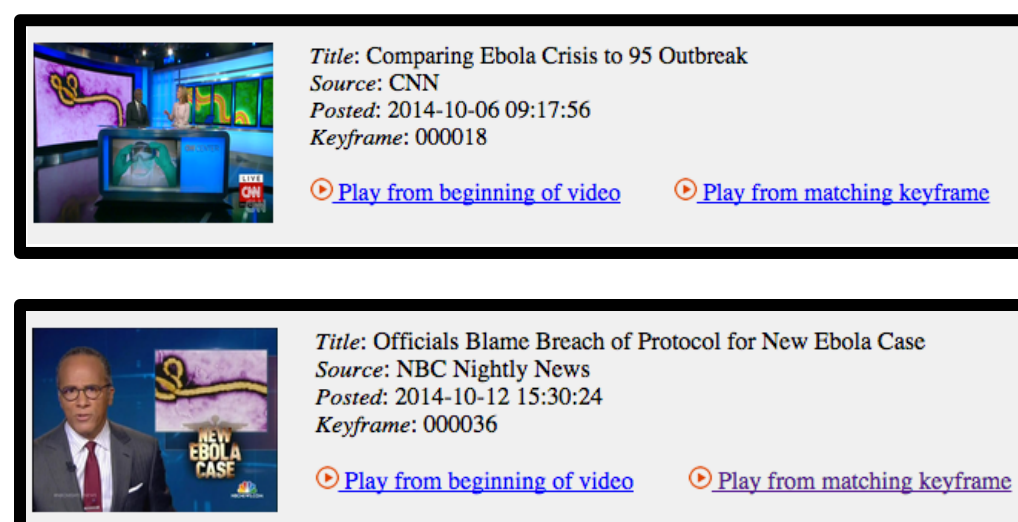
Search Video Database

Please enter a query image URL:

<http://stanford.edu/image.jp>

Search Video Database

Video database matches



Playing from matching keyframe



System Architecture

