Motivation and Introduction

- News broadcasters and on-line publishers daily generate a large amount of articles and videos describing events currently happening in the world.

- We present a system that automatically indexes videos from a library and links them to stories developing in the news.

System Overview

a) MULTIMODAL VIDEO TAGGING
Extract image, text and audio keywords → Map it to Knowledge Graph entities.

b) STORY EXTRACTION
Generates stories from related articles to the story topic.
   i) Stories are represented by a set of relevant tags describing it.
   ii) Stories are sorted by trendiness.

c) VIDEO TO STORY MAPPING
Linking videos and stories using a metric that computes similarity between the tags in the video and the story.

User Interface

- The user interface displays the links between videos and stories and allows navigation through related content by using associated tags.

Main page

Individual Story Page

Individual Video Page