

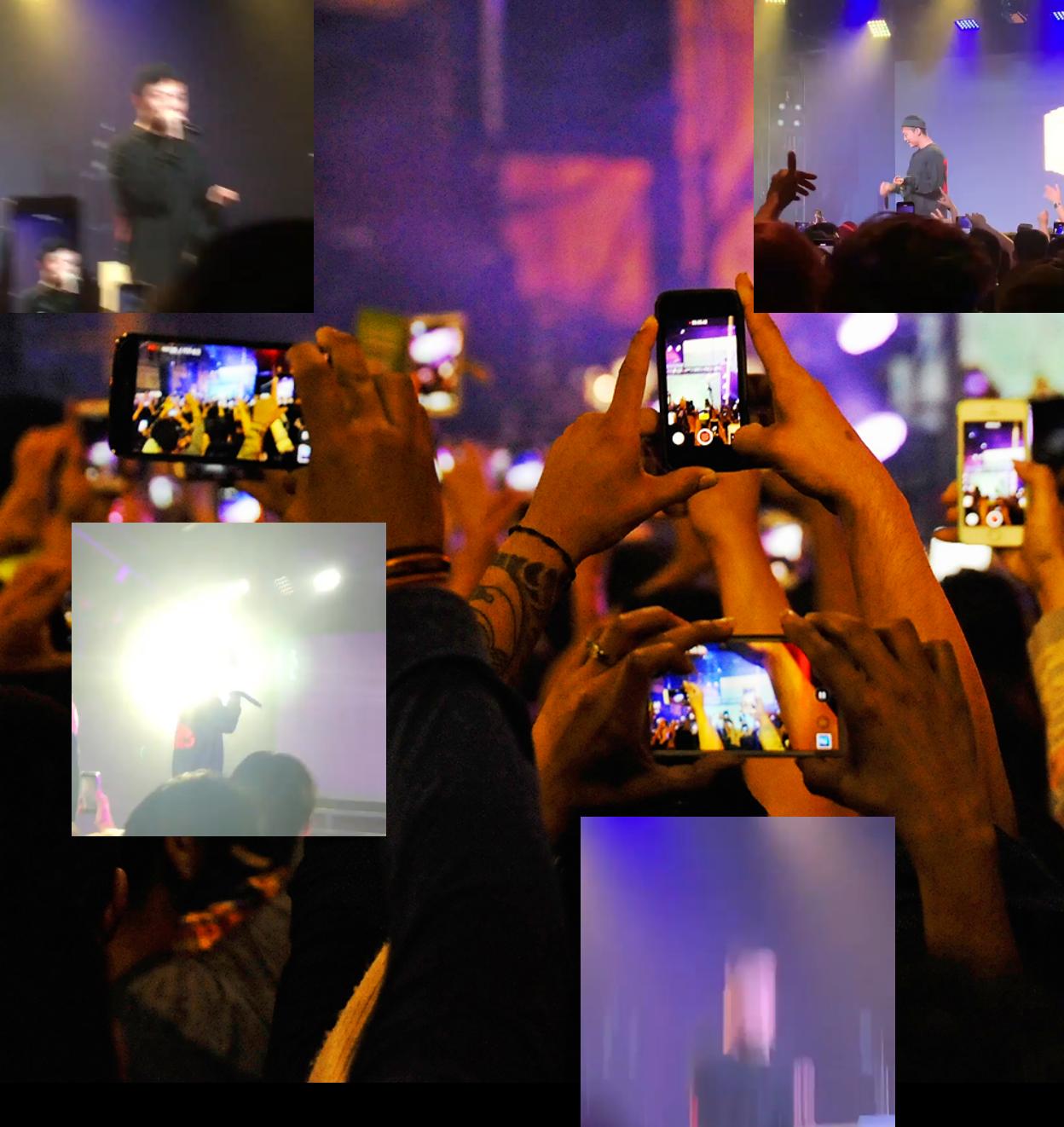
# COMPUTER VISION

## FINAL PRESENTATION

Yonsei University  
*School of electrical & Electronic Engineering*  
*Digital Image Media Lab*

**Taeyong Song, Jungin Park, Wonil Song, and Eungbean Lee**

Aug. 30, 2019



KT 10:51

← #염따콘서트

게시물 100+개

팔로우

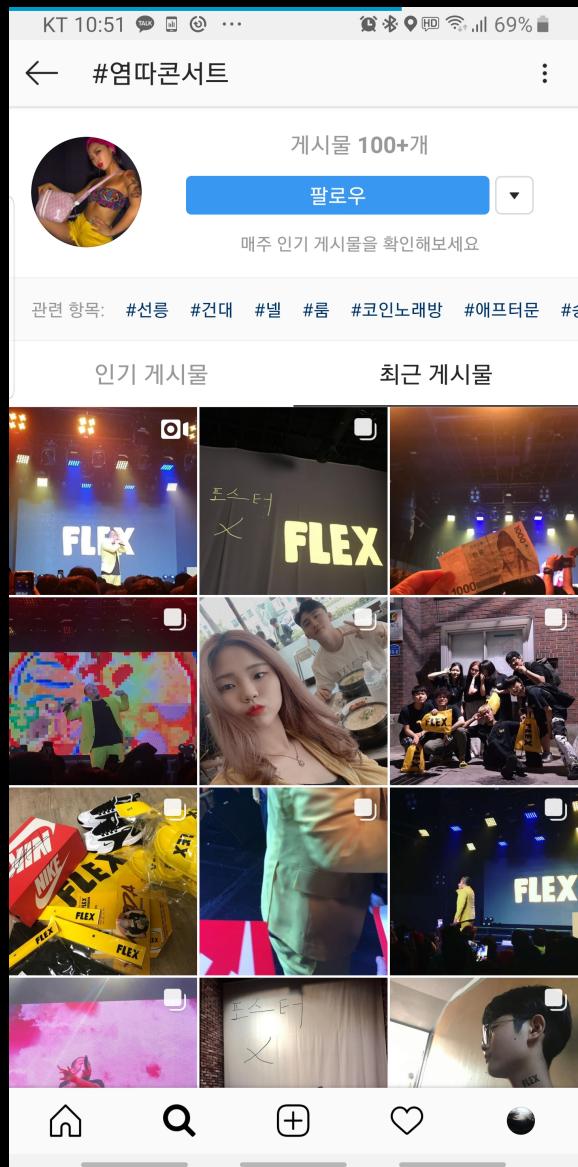
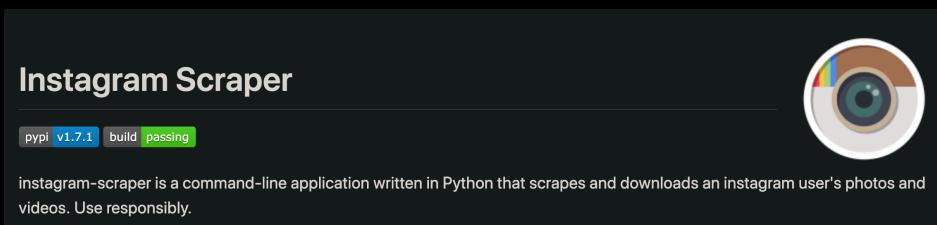
매주 인기 게시물을 확인해보세요

관련 항목: #선릉 #건대 #넬 #룸 #코인노래방 #애프터문 #2

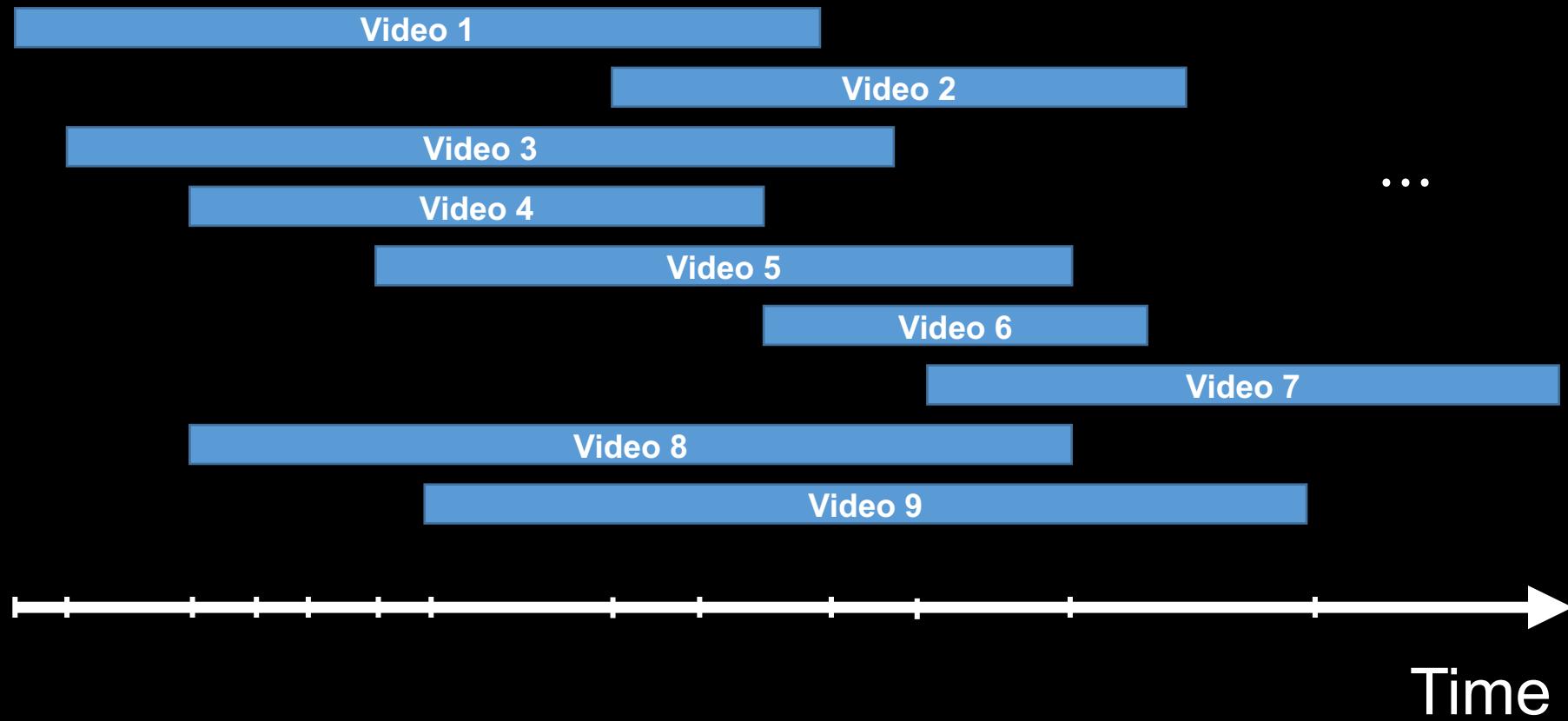
인기 게시물

최근 게시물

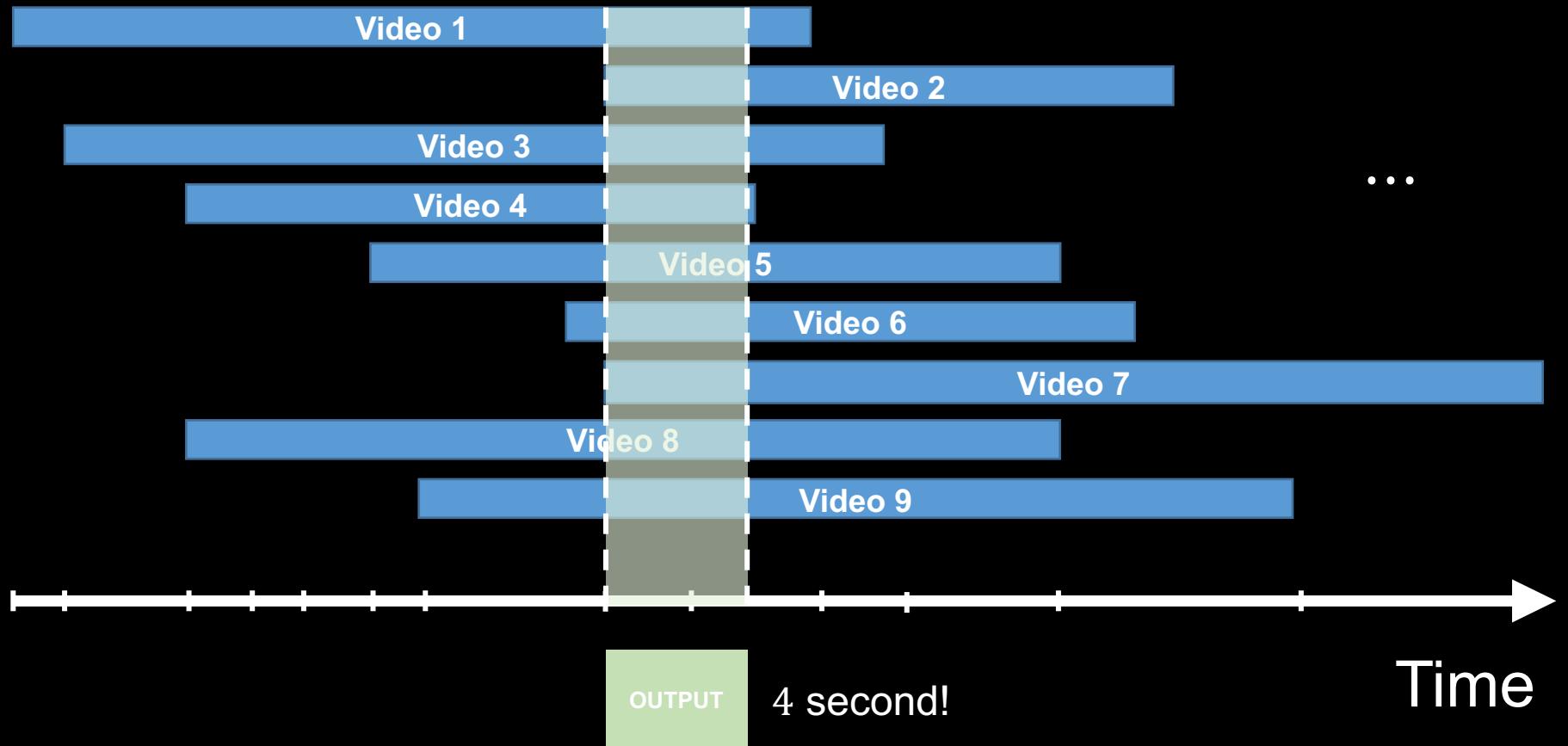
A screenshot of a mobile application interface, likely a social media platform like Instagram or KakaoTalk. The header shows the time as 10:51 and battery level at 69%. The main content is a post titled "#염따콘서트" (Yeon-ta Concert). It includes a profile picture of a woman in a yellow outfit, a blue 'Follow' button, and a message encouraging users to check out popular posts. Below the title are related hashtags: #선릉, #건대, #넬, #룸, #코인노래방, #애프터문, and #2. The post has two sections: '인기 게시물' (Popular Posts) and '최근 게시물' (Recent Posts), each displaying a grid of smaller images related to the concert. At the bottom are standard social media navigation icons for Home, Search, Create, and Like.





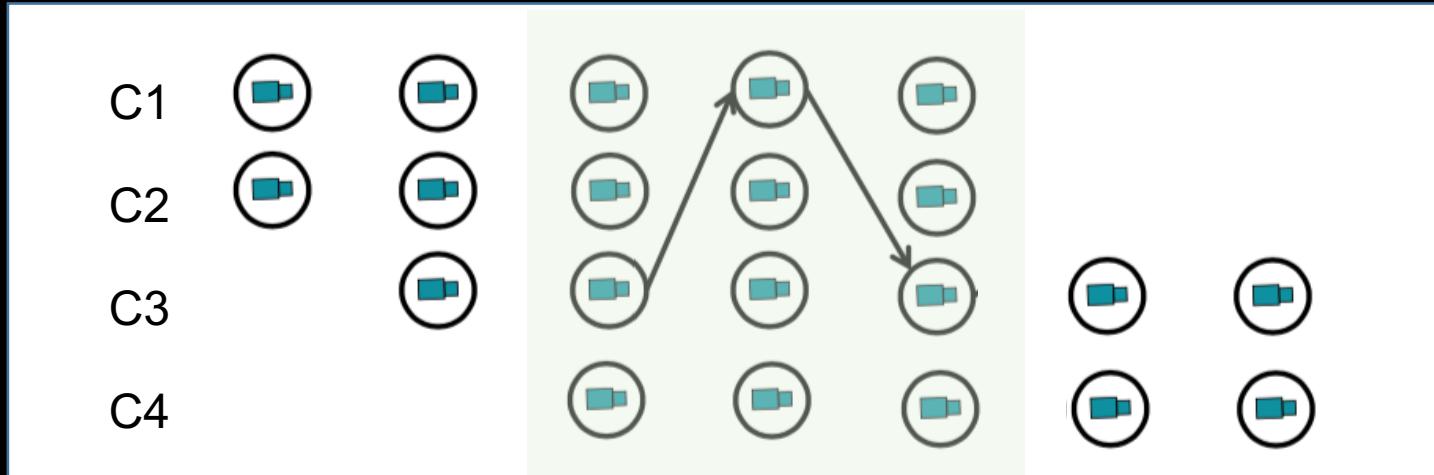




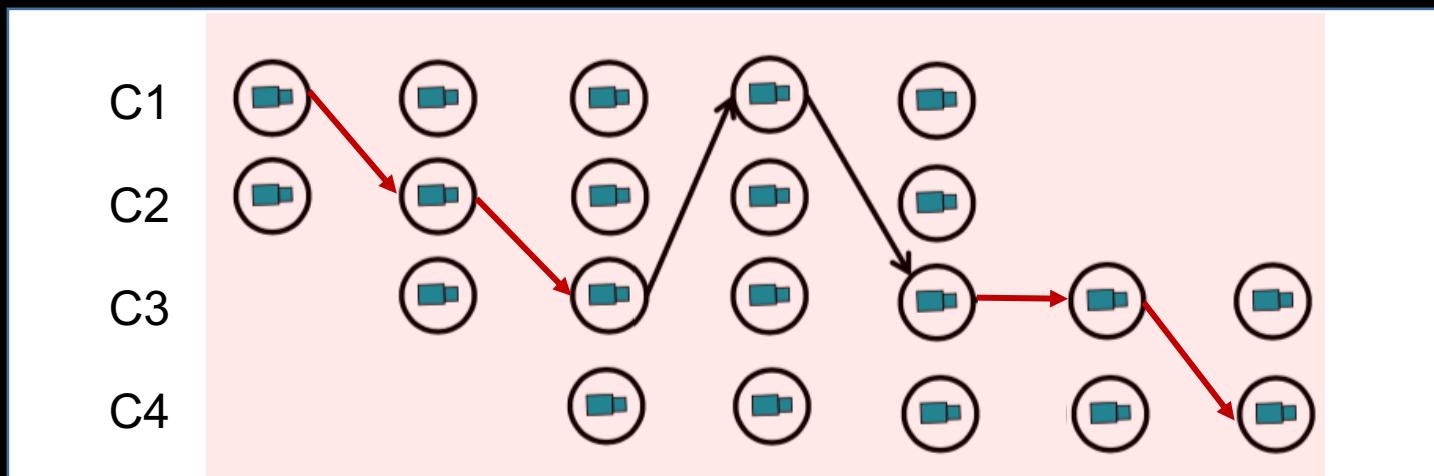


We Want This Full Video!

# Conventional System



# Our System



**Video 1**



**Video 2**



**Video 3**

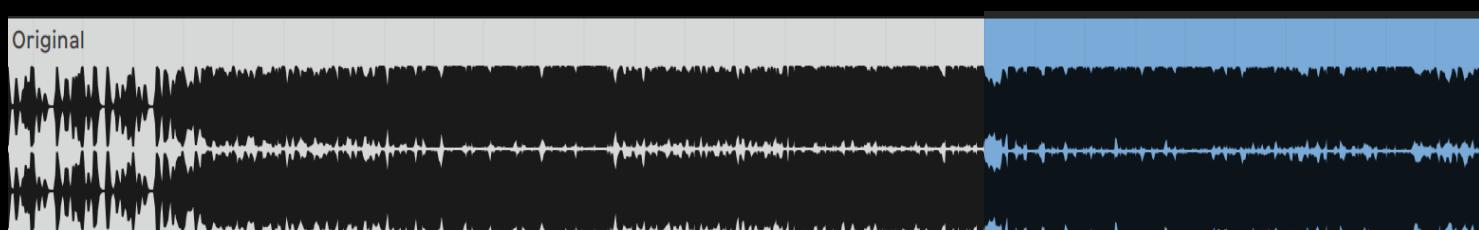
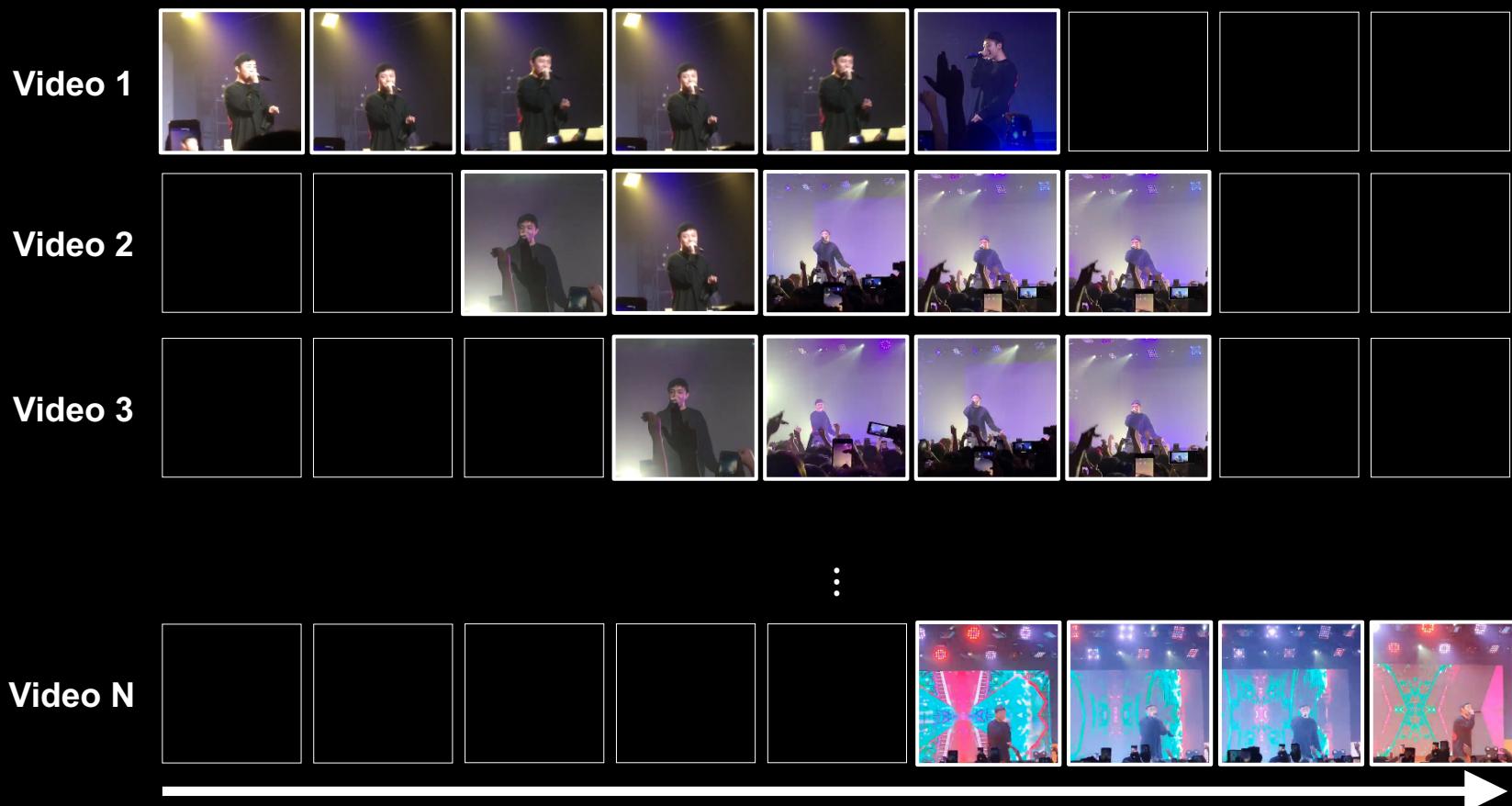


⋮

**Video N**



**Time**

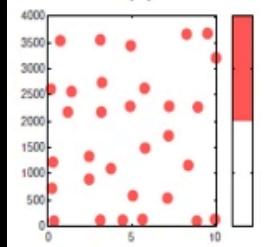
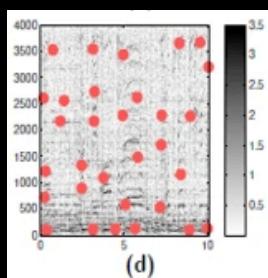
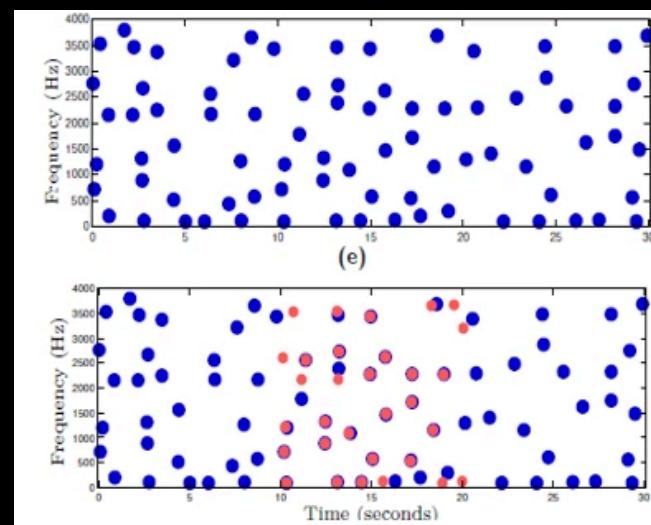
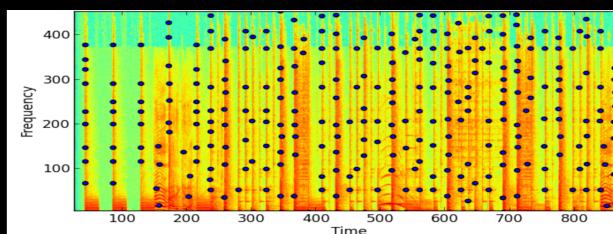
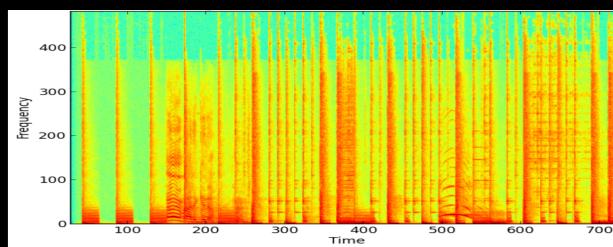
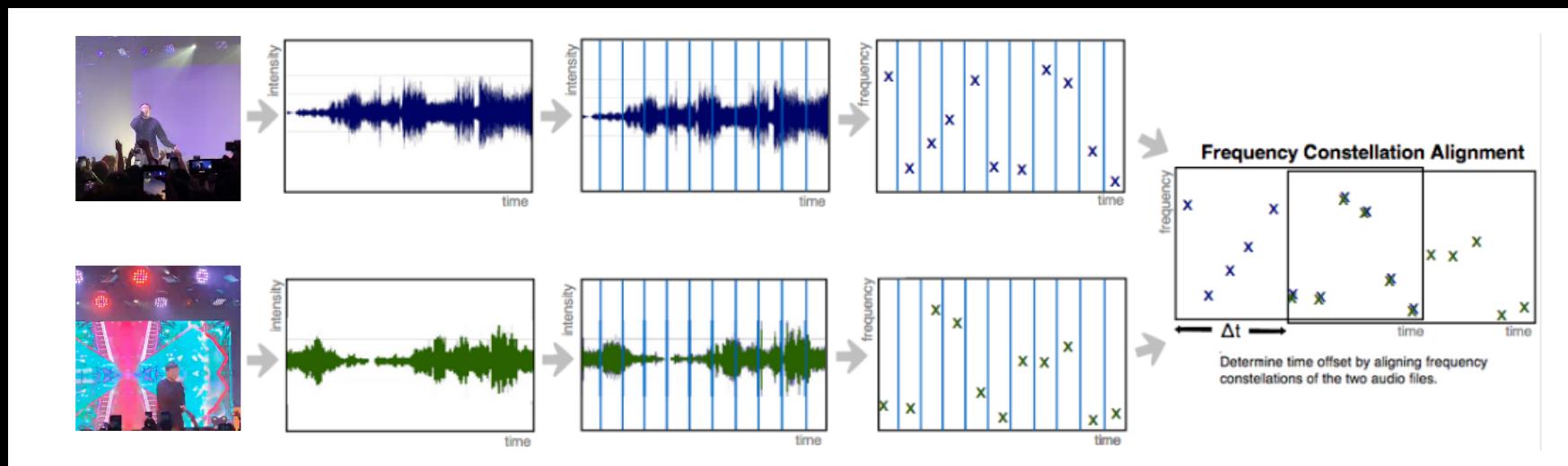


1. Video Alignment

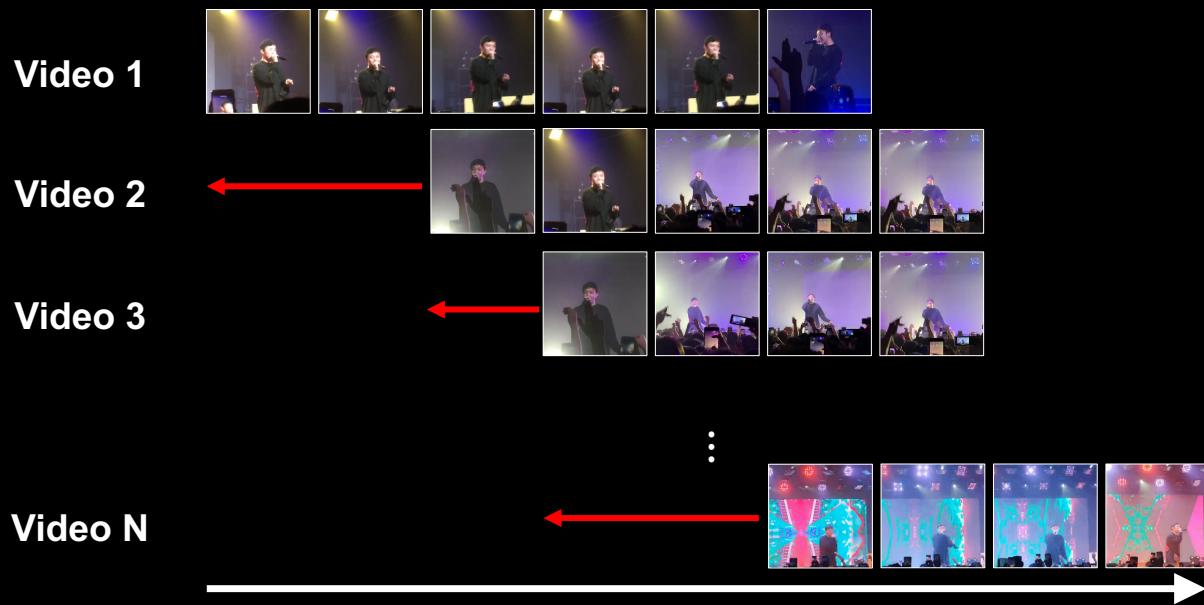
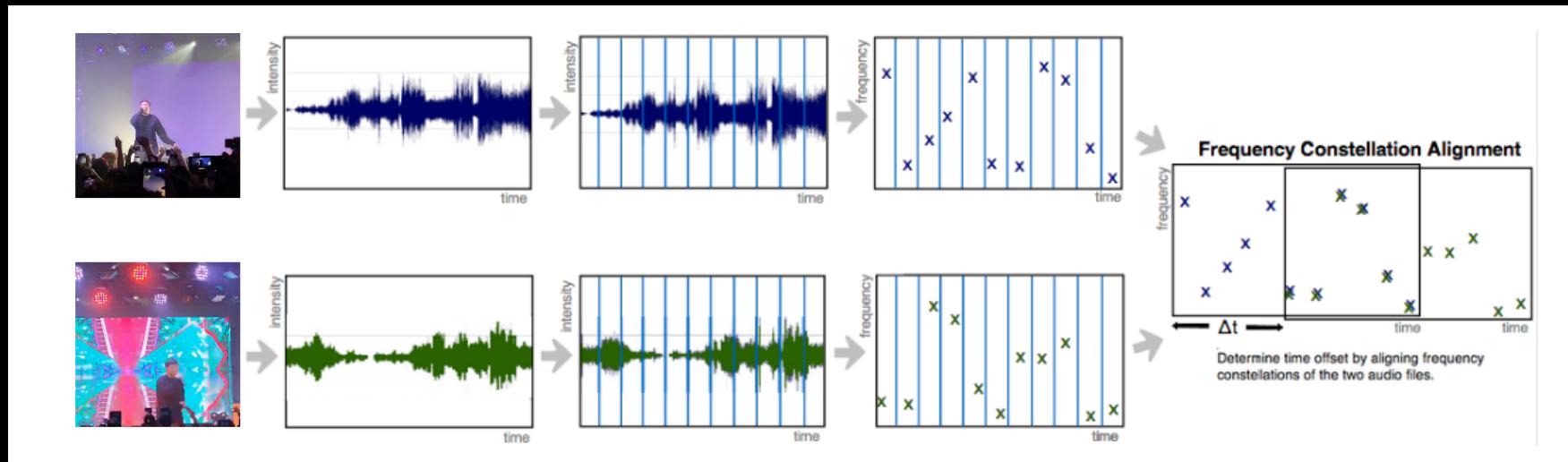
2. Audio Stitching

3. Video Padding

# 1. Video Alignment



# 1. Video Alignment

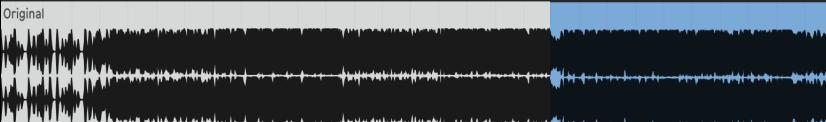


## 2. Audio Stiching

**Pydub** [build passing](#) [build passing](#)

Pydub lets you do stuff to audio in a way that isn't stupid.

Stuff you might be looking for:



## 3. Video Padding

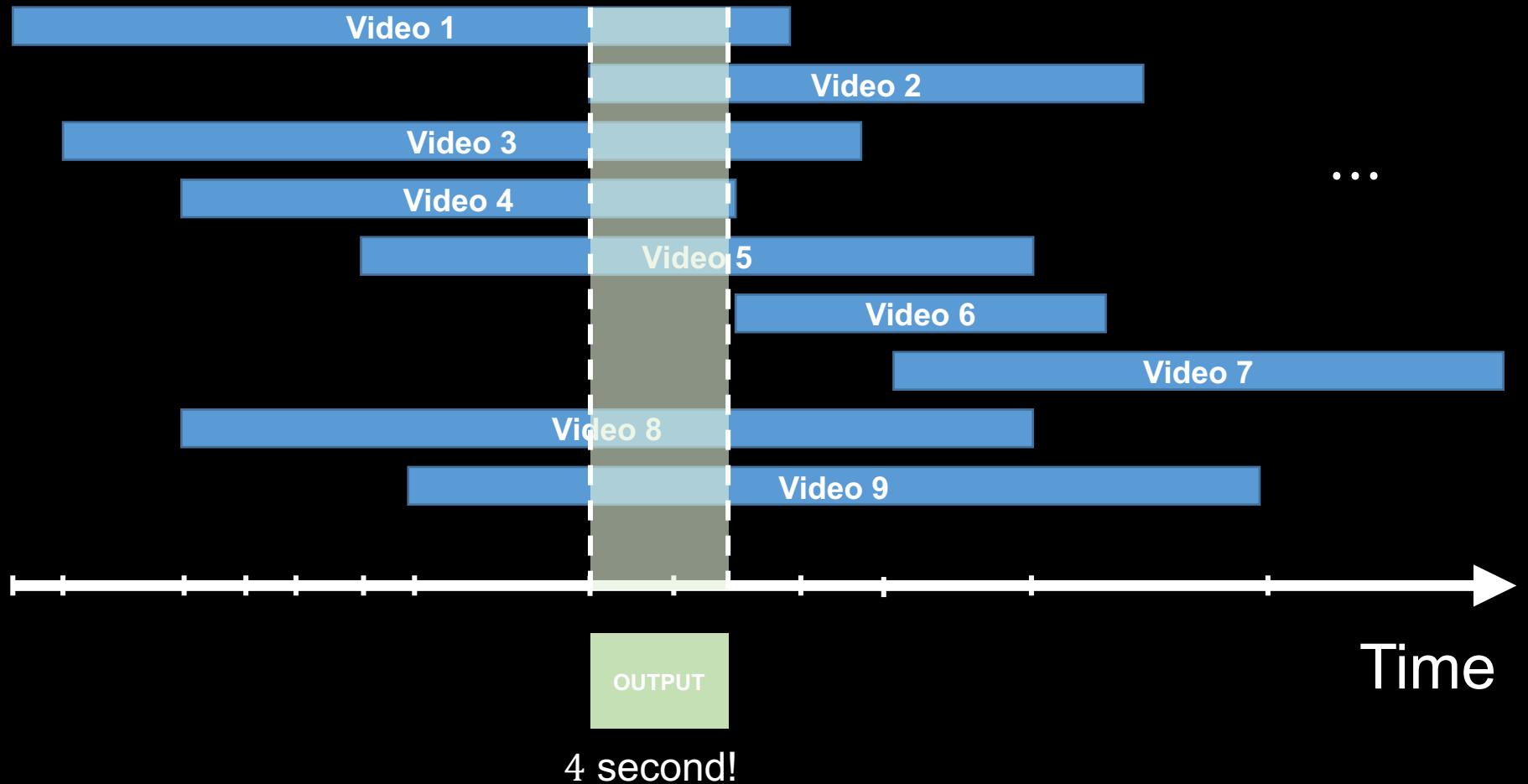
**MoviePy**

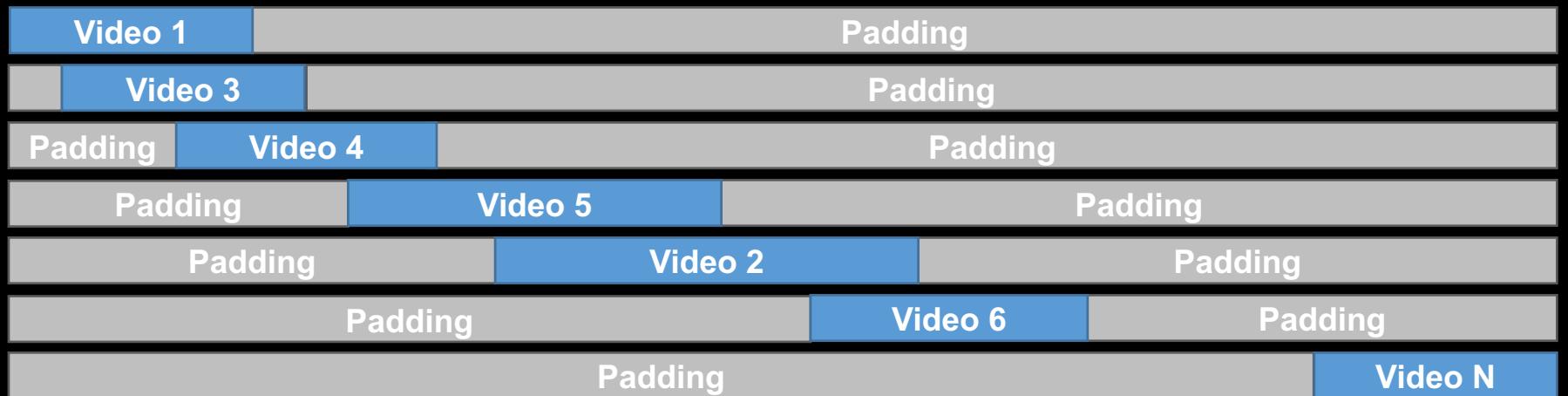
[pypi package 1.0.0](#) [chat on gitter](#) [build failing](#) [coverage 65%](#)

MoviePy (full [documentation](#)) is a Python library for video editing: cutting, concatenations, title insertions, video compositing (a.k.a. non-linear editing), video processing, and creation of custom effects. See the [gallery](#) for some examples of use.

MoviePy can read and write all the most common audio and video formats, including GIF, and runs on Windows/Mac/Linux, with Python 2.7+ and 3 (or only Python 3.4+ from v1.0). Here it is in action in an IPython notebook:







SYSTEM

HAPPY FULL VIDEO!

**Code with me!**

# Thank You

**If you are interested in:**

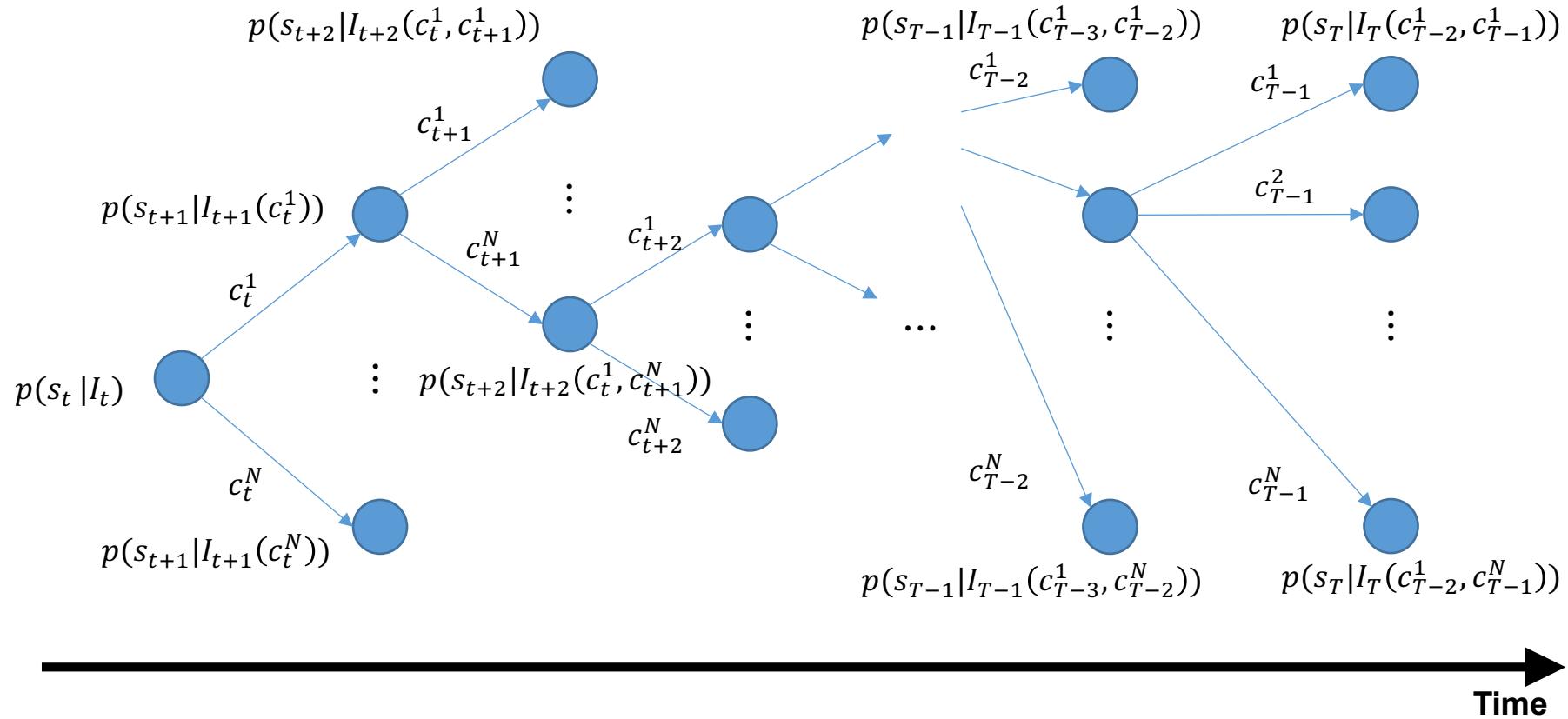
<https://github.com/eungbean/Computer-Vision-Cource-Project>  
<http://eungbean.github.io>

# OUR APPROACH

## Generate Full Video

### Our method

- Can create a full event with a video segment of that event



# OUR APPROACH

## Generate Full Video

### Conventional method

- Without intersection of all videos, the process ends

