**The CoCharNet: The solution for extract social network from movies**

1. **Features**

The CoCharNet is system to extract social network from movies. In this system, we can annotate character on movies and discover relationships among characters in the movie.

1. ***Annotation***

During users play the movie, use keyboard to annotate when character is appeared or not. The keyboard is assigned by user when they add character to annotate. Numbers of character could be annotated on this system is less than 20.

1. ***Visualization***

By using HITS/frequency algorithm to measure the weight of social network, the CoCharNet is novel method to extract social network and discover relationships among characters in the movie.

1. ***Resume/co annotate from previous session***

The user can resume annotate from previous session by simple step. The user only needs to copy the result files (as a text file) to load into the system and begin the new annotate session.

1. **System Requirements**

* IDE: Netbeans 8.0
* Video API: vlcj: https://code.google.com/p/vlcj/
* SNS Visualization API: Gephi API http://gephi.com

1. **Windows platform configuration**
2. ***Setting system variables environment for VLCJ***

VLCJ is [Java Framework for the vlc Media Player](https://code.google.com/p/vlcj/).

Official website: https://code.google.com/p/vlcj/

1. ***Setting up prefuse api***

Prefuse is a set of software tools for creating rich interactive data visualizations. The original **prefuse** toolkit provides a visualization framework for the Java programming language.

Official website: http://prefuse.org/download/