Visual Exploration of Human Motion Data

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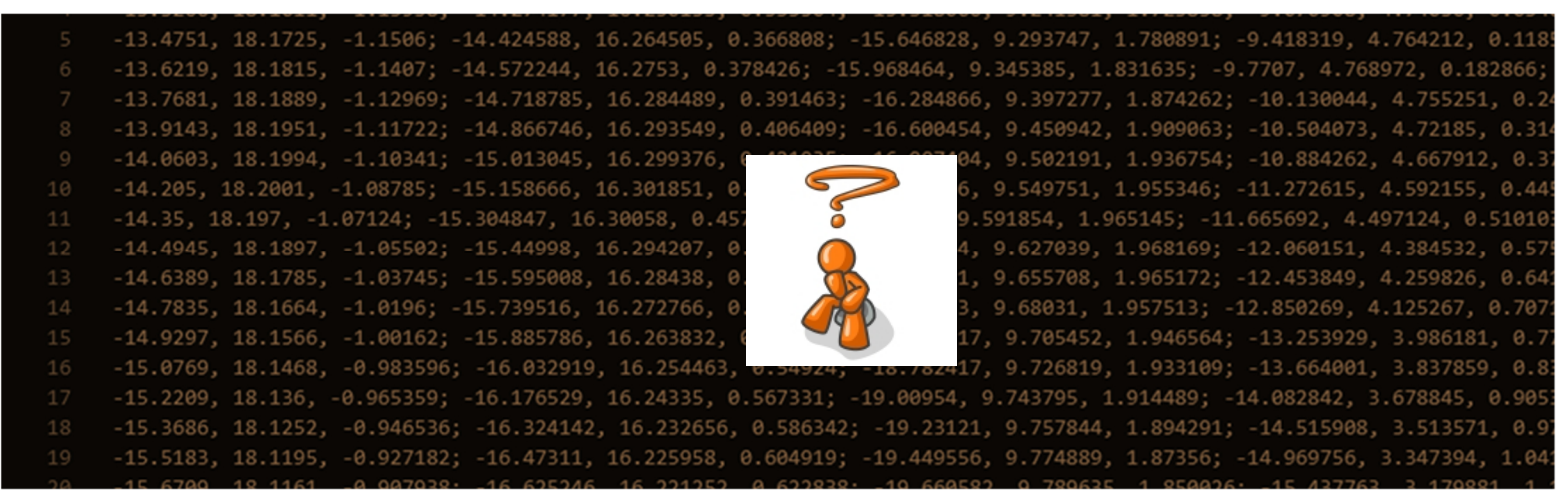
Motivation

- It becomes possible to extract human motion data from ordinary videos
- Huge application potential: sports, medicine, social care, …
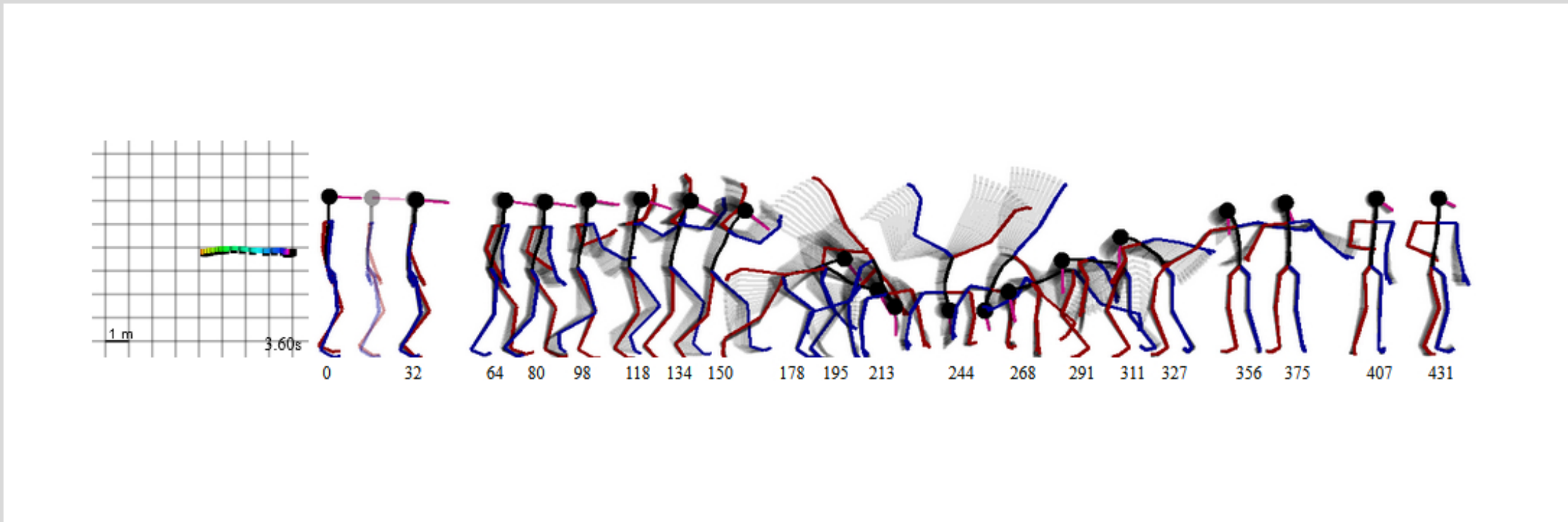- Needs user-friendly tools for motion data processing

Objectives

- Visualization of motion data that can be easily read and compared
- Support for analysis of motion similarity
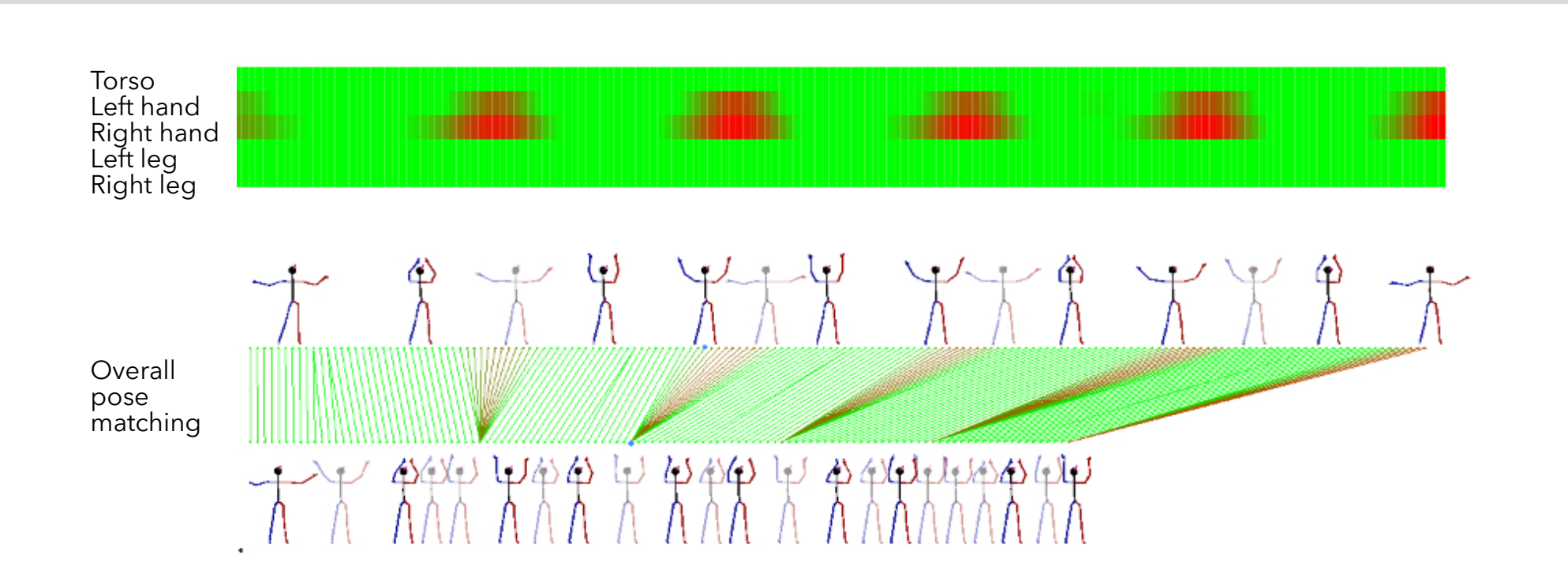- Exloration of large collections of motion sequences

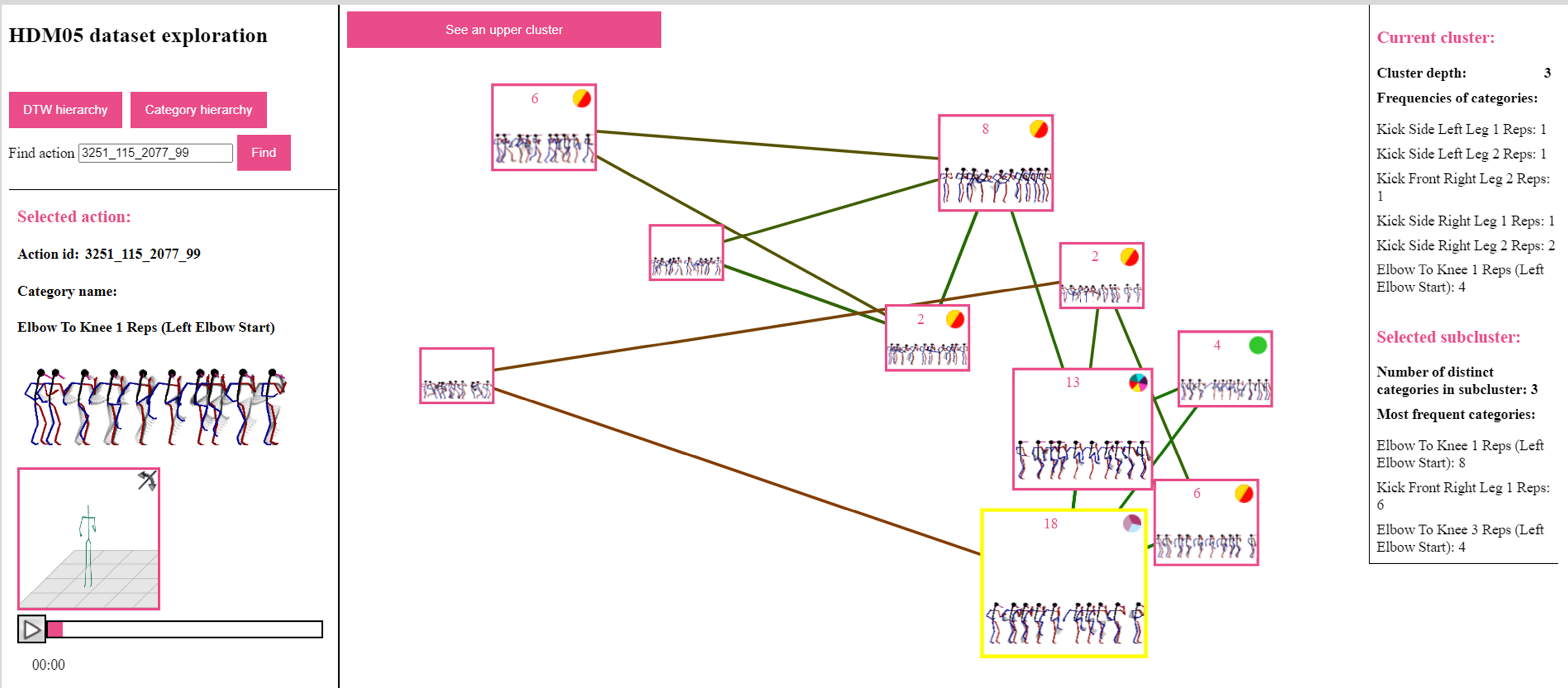## MocapViz: JavaScript library for visualization of motion data

Visualization of single motion sequence

Explanation of motion similarity

Exploration of motion datasets

- Freely available, extensible
- Easy integration with existing motion processing tools
- Intuitive, user-friendly
- Two public interfaces for exploration of HDM05 and PKU-MMD datasets