Clip Wars: Improving Video Search

What if you could search for video clips based on specific actors, actions, and themes?
Clip Wars: Improving Video Search

- People recognize images and emotion much better than computers.
- So how do we use people to improve video search?
- If we have people identify actions, people, and themes in video clips we can have a much more accurate search system.
- Thus we need an incentive for people to take their time and label these clips.
- Make it a game!
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• Have more than one person watch the same video at the same time.
• During this time have each of the users writing down either a situation, actor, or a theme.
• If the descriptions they enter are matchable they gain points and the clip now has a new descriptor by which to search.
• Run a database behind the game to keep track of links to clips, keywords, and user scores.
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- Run the search functionality through a web application
- Run the game portion through a Java Applet
- Steal all of the content needed from Google and YouTube
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- Three main components
  - Database
  - Web Application
  - Java Applet

- Tools
  - JSP
  - Tapestry
  - SQL Server

- Risks
  - Can Java even handle video?
  - How much bandwidth/How big are the video clips?
  - Can all of this come together within 2 months?