Using Temporal Video Annotation as a Navigational Aid for Video Browsing

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User Interface
- one annotation layer for each annotation type
- a layer contains multiple icons showing the temporal position and type of annotations
- annotations can be filtered
- contents of annotations are displayed according to video playback

User Benefits
- enables the user to determine the general content of a video
- locate scenes of interest
- watch annotations simultaneously with the video
- define which annotations are displayed while watching

Introduction
- video is a complex information space
- requires advanced navigational aids
- temporal video annotation offers new opportunities for navigating video
- novel video browsing interface: a visual overview of temporal video annotations

Future work: user study to evaluate novel user interface concept

Conclusion
- a visual overview of temporal video annotations provides the user with additional navigational cues for browsing video
- future work: user study to evaluate novel user interface concept

Video
Annotation Layer
Annotation Mark
Annotation Filter
Annotation Viewing

Best scene!
Great goal! Go Canada Go!

Perry has hurt his left foot.

Ryan Kesler, 1:2