foaf:workplace
Homepage

foaf:current
Project

Semantic: Ontology Engineering, KR
Web: Web of Data, Social Media, Web Science
Multimedia: metadata format, interoperability
Human-Computer Interaction: Interface, Design

dc:contributor

03/10/2010 - Multimedia Semantics: Research, Projects, Standardization - FOMS 2010
ACAV: Collaborative Annotation for Video Accessibility

- NER + full text index with the transcription
- Interlinking with the Linked Data Cloud to enable semantic search
Demo: http://semantics.eurecom.fr/acav/
What are Media Fragments?

- Temporal media fragment
- Spatial media fragment
- Track media fragment

Example VIDEO Track (Constant Frame Rate)
OTHER Tracks Types (Further tracks possible)
Example AUDIO Track (Constant Sampling Rate)
Example TEXT Track (Discontinuous, Overlapping in time)
Example IMAGE Track (Discontinuous in time)
Media Fragments (temporal) + Demo

Original resource length

Fragment beginning

Playback progress

Fragment end
Challenges

- Generate multimodal presentation of annotated content
  - Subtitles / Surtitles / Close captioning
  - Braille output / Auditory icons / Audio description

- Provide a URI-based mechanism for retrieving part of an image or a video on the web
  - How to modify a video element which is not embedded in a web page? How to attach custom playback controls?
  - How to render a spatial fragment?
  - How to get Media Fragments URI work on other browsers? Natively?