Annotating Video with OERs in a Flipped Classroom Scenario
Who are we?

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knowledge engineering
hypervideo
document engineering
time-based interaction
hypervideos
non-linear web architecture
What will we talk about?
Outline

- Context
- Some issues
- Video Annotation
- Our proposal: ABSORBED
- Principles and features
- Scenario / Live demo
Context

- OER / OCW
- Video content
- Learner Engagement
Some Issues

- Many available OERs, but independent rather than linked
- Video annotation not much used yet
- Opportunity to
  - incite learners to be more active
  - incite learners to make explicit connections between materials
Video Annotation

- Piece of data anchored to a video fragment
- Any type (text, image, video, URL...)

![Diagram showing spatiotemporal anchors and associated content](image-url)
Our proposal - ABSORBED

Annotating By Synchronizing Open Resources
Boosting Educational Discussion

- support flipped classroom scenarios
- engage learners
  - more active attitude when watching videos
  - increase interest in additional resources
- promote annotation and remix practices
web application for hypervideo creation / reception / remix

- based on the Open Hypervideo framework
- lightweight & componentized architecture
- relies on open web technology & standards
Application - Features

- associate resources to video fragments
- view & browse those within the video context
- export, compare & merge annotation files
Scenario
Scenario > Prerequisites

- introduction to the tool
- set of resources & video material, predefined by the teacher
Scenario > Walkthrough

Live Demo
Wrapping up

Demo at ocwc.open-hypervideo.org

Future work

- user testing & evaluation
- more editing possibilities
- support for questions & discussion
- bridges to other projects
Thanks!

We want to collaborate!

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More Info:
http://open-hypervideo.org