

Matterhorn: **Roadmap and Participation**

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virtUOS -
Center for Information Management and
Virtual Teaching



Release Cycles

- Version 1.0 released August 2010
- Version 1.1 intended for December 2010
- Two releases per year planned

1.1 Features

Robustness

- Fix performance issues
- Load Test
- Performance statistics
- Refactor Capture Agents Confidence Monitoring
- Code reviews

Media Editor

- Trimming of start and end segments
 - Maybe even several segments
- Source will be untouched
- Only Available for admin user

Authn/Authz

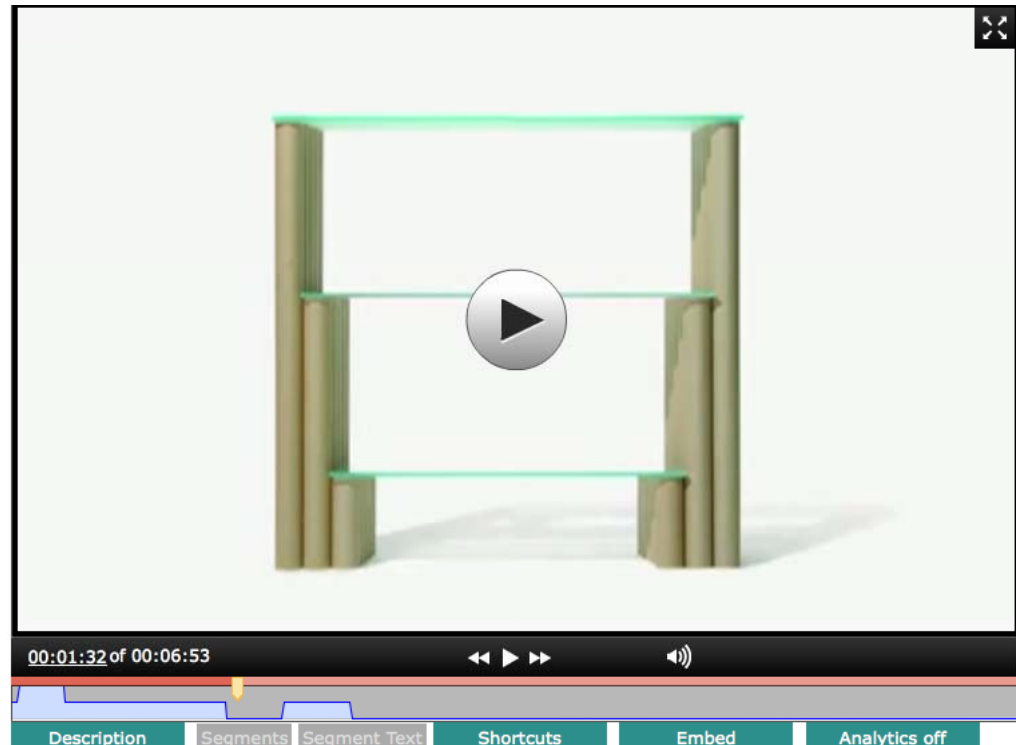
- Authentication and Authorization
- Access rights for
 - Media player
 - Media files
- Integration of authorization information to search index

User Information

- Store user generated content
- User tracking

Engage Tools

- Plug-in Architecture
- Hotspots
- Improve search experience in player and Matterhorn Media Module (MMM)



Edit and Republish

- Replace tracks and republish
- Improve editing and republishing of metadata

Adoption Statistics

- Track deployment profiles
- Visual display deployment and download data

Participation Possibilities

Governance Model

Currently grant driven governance model

- 1 Project Manager (Adam Hochman)
- Product owners
 - Architecture (Josh Holtzman, Tobias Wunden)
 - Capture Agent (Chris Brooks)
 - Engage Tools (Markus Ketterl)
 - User Experience (Judy Stern)
 - Outreach & Communication (Olaf A. Schulte)
- Product owners and PM discuss and decide on topics
- Product owners keep in close touch with the developers in their area

Governance Model 2

Upcoming model for governance

- Apache-like democratic governance models are currently favored
- Keeping a similar structure with the product owners
 - How long will somebody stay a PO? How can someone become a PO?
- Status of committers
 - What happens when committers leave the project?
 - Who decides on new committers?
- Open for discussion in the Opencast Community

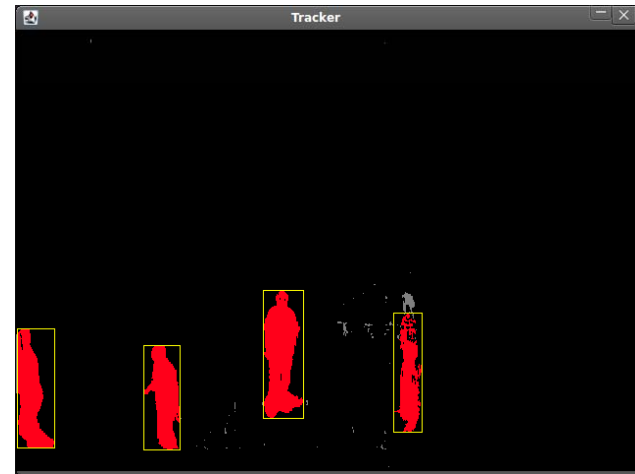
Matterhorn Gear Shop

- Portal to find software that is connected with Matterhorn
- Licence of this software is recommendet to be compatible with ECL
- Upcomming Projects
 - OpenCaps, a webapp to create subtitles
 - OpenTrack, automated lecture tracking in the lecture hall

Opentrack

Automated real-time lecturer tracking

- Identify the lecturer and control pan-tilt cameras that follow him



- Techniques:
 - OSGI: to work in the same environment as Matterhorn
 - OpenCL: to work in the same box as the capture agent

Additional Information

WWW

<http://www.opencastproject.org/>

<https://opencast.jira.com/wiki/>

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Communication

<http://opencast.jira.com/wiki/display/MH/Communication>