

# Opencast, die Opencast Community, und Opencast Matterhorn



# Opencast (OC)

- Open (Broad-)Casting
- Open Content
- Open Technology
- OpenFormats
- Open Exchange

# Mission statement

The Opencast community is a collaboration of **individuals, higher education institutions and organizations** working together to explore, develop, define and document best practices and technologies for **management of audiovisual content in academia.**

Through the mailing list, website and collaboration among its members, the community will strive to **offer guidance and information to help others** choose the best approach for the delivery and usage of rich media online.

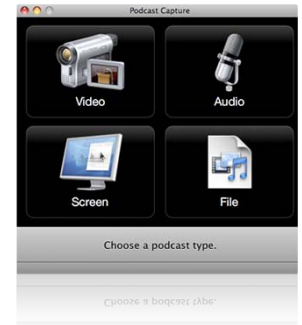
# Opencast Community - Themen

- Metadaten
- Standards
- Formate
- Langzeitarchivierung
- Forschungsergebnisse
- Urheberrechte und Open Access
- Video Management Systeme
- ...

# Open Source Video Management Systems



# Video Management Systems



# Mission statement

The Opencast community also **supports** community-driven **projects to solve common issues** in management of academic audiovisual content.

**These projects will include open source software development, such as Matterhorn,** and research focused projects. The Opencast Community will support these projects through feedback and participation in project-related activities.



# Opencast Matterhorn (Built) Project

- “Community source”<sup>1</sup> project to build Matterhorn
- Andrew W. Mellon Foundation
- William and Flora Hewlett Foundation
- July 1<sup>st</sup> 2009 – June 30<sup>th</sup> 2010

1) Cf. <http://www.oss-watch.ac.uk/resources/communitysource.xml>



# Matterhorn consortium

- UC Berkeley
- University of Nebraska-Lincoln
- Northwestern University
- Indiana University
- University of Saskatchewan
- University of Toronto
- ETH Zürich
- University of Osnabrück
- Cambridge University
- University of Vigo
- University of Catalonia
- University of Copenhagen
- Jozef Stefan Institute

# Matterhorn roadmap

## Phase 1

Preparations / team building / “Iteration 0” (- July 2009)

## Phase 2

Kick Off / Iteration1(July 2009 – Sept 2009)

## Phase 2

Matterhorn 0.5 (January 2010)

## Phase 3

Matterhorn 1.0 (July 2010)



# Matterhorn communication

**Opencast Community Mailing List**

**Meetings & Events**

**Entwickler IRC**

**Opencast Twibe**



# Matterhorn features

- Automated, large scale lecture recording
  - capture
  - process
  - distribute / engage
- Video Management System / Advance Video Framework
  - index / search
  - archive
  - integrate with campus IT

# Matterhorn development

## Technik & Programmierung

Java OSGI

Apache Felix

SOA

Media Tools (OpenSource Werkzeuge für Medienanalyse,  
Medienkonvertierung)

## Dokumentation + Einstieg für Entwickler

<https://wiki.opencastproject.org/confluence/display/open/Install+and+Configure>

<https://wiki.opencastproject.org/confluence/display/open/Architectur>



# Contact

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

<http://wiki.opencastproject.org/confluence/>

