

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.

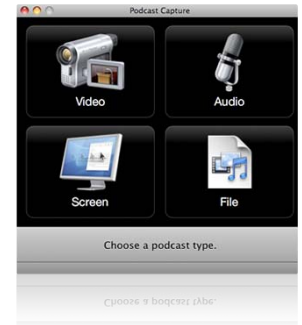
Opencast Community - Themen

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

