

10:45 - 11:15 Uhr aus Zürich

REPLAY: Management von audiovisuellen Inhalten

Armin Brunner

Leiter ID-Multimedia Services
ETH Zürich

REPLAY – das Projekt

REPLAY und die Opencast Community

REPLAY – die Technik

REPLAY - die Dienstleistung

Diskussion

Projekt REPLAY: Eckpunkte

Multimedia Services: REPLAY

- Zentrale Stelle für A/V-Aufzeichnungen
„Multimedia Portal“
- Skalierbarkeit auf jeder Ebene
- Sicherstellen der Auffindbarkeit (Metadaten)
- Sicherstellen der langfristigen Nutzbarkeit
- Standards, Standards, Standards

- Inhaltliche Erschliessung des Contents
- Open Source

Projekt REPLAY: Ablauf

Multimedia Services: REPLAY

- Q2/06 Projekt-Design und -Antrag
- 08.06 Projekt-Start mit Analyse
- 07.07 Beginn Programmierung
- 01.08 Präsentation REPLAY Prototyp
- 11.08 Präsentation REPLAY Beta
- 02.09 Start Dienstleistung

Projekt REPLAY: Quantitative Vorgaben

Multimedia Services: REPLAY

Ende 2010

- 10% aller Vorlesungen (150 pro Woche, 200h)
- max. 5 Min manueller Aufwand pro h Content
- 300 gleichzeitige Online-User
- 100 gleichzeitige Downloads
- Archiv wächst mit 10-100TB pro Jahr
- Streaming/Download bis zu 10GBit/sec



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- About Opencast
- News & Events
- ListServ Archive
- Contact Us

Opencast Community

- Organizations
- People
- Showcases
- Hopebox
- Join Opencast

[Shared Best Practices](#)

Opencast Projects

- Matterhorn
- Metadata
- Research
 - virtPresenter
 - Google Summer of Code Ideas
 - Open U

User login

Username: *

Password: *

[Log in using OpenID](#)
[Create new account](#)
[Request new password](#)

Opencast Community | Projects

[View](#) [Results](#)

Are you a ... ?

- Newcomer to Opencast?
- Instructor, researcher or student?
- Developer or designer interested in the Matterhorn project?
- IT or AV professional?
- Decision-Maker?

Join Opencast!

- Join the Opencast Mailing List
- Join the Member Directory
- Add your Organization's profile
- Showcase what your organization is doing
- To follow Matterhorn, Join the Matterhorn Mailing List
- More ways to get involved

Featured Posts

Metadata
Towards a common metadata scheme for academic A/V

This project is asking for commitment and contributions by people and institutions dedicated to developing a shared metadata scheme for audiovisual content in academia.

Opencast Overview
See Olaf Schulte present an overview of the Opencast, Opencast Community and the Opencast Matterhorn Project at the first TERENA workshop on Media Management and Distribution on Jan 29, 2009.

Open Video (Flash) or visit the workshop's [Video Streams](#) page to choose a different format (Olaf's presentation is at the bottom of the page).

Proposed Matterhorn Governance Model
Based on numerous discussions over the past couple of weeks (Hidden Code Repositories, Managing Code Contributions, Matterhorn Leadership Team and Vision, Working Group...) the proposed governance model for the Matterhorn Project has been revised to more adequately explain the roles, voting process, and how anyone from the community is eligible to become a contributor, contributor, and beyond.

Many thanks to OSS Watch for providing the example meritocracy governance model that served as the basis for this model. Additional structures were added to support the SOA / UXD design processes and the need to ensure accountability for the deliverables in the grant proposal. Please feel free to provide comments.

Matterhorn Introduction
Deriving from planning activities that have taken place throughout this past year, a group of institutions from the Opencast community have come together and made a commitment around an Opencast build project. These partners are in the process of developing a proposal to build an enterprise-level, easy-to-install open source podcast and rich media capture, processing and delivery system. This system has been named Opencast Matterhorn.

New Matterhorn Listserv

Opencast is an initiative driven by higher education institutions to empower...

>> **institutions** to make informed choices about capture, processing, and distribution infrastructure for audio/video.

>> **faculty** to teach courses and share knowledge with their students and learners worldwide without technology getting in the way.

>> **students** to access and shape media into a more meaningful tool for learning.

>> **everyone** to easily find and engage with educational video, audio, and other rich media from instructors and institutions around the world.

Upcoming Events

Opencast Matterhorn Partners Meeting
01/16/2009 08:00

Planning meeting for the Zurich Matterhorn Leadership Meeting
02/06/2009 08:00 - 09:00

Opencast Community - Mission statement

Multimedia Services: REPLAY

Build and deliver an

- Open Source
- enterprise-level
- integrated and interoperable

framework to

- produce,
- process,
- distribute,
- and preserve

audiovisual objects

Opencast Community – Ziele und Zielgruppen

Multimedia Services: REPLAY

- Opencast is an initiative driven by higher education institutions to empower...
- ... **institutions** to make informed choices about capture, processing, and distribution infrastructure for audio/video,
- ... **faculty** to teach courses and share knowledge with their students and learners worldwide without technology getting in the way,
- ... **students** to access and shape media into a more meaningful tool for learning,
- ... **everyone** to easily find and engage with educational video, audio, and other rich media from instructors and institutions around the world.

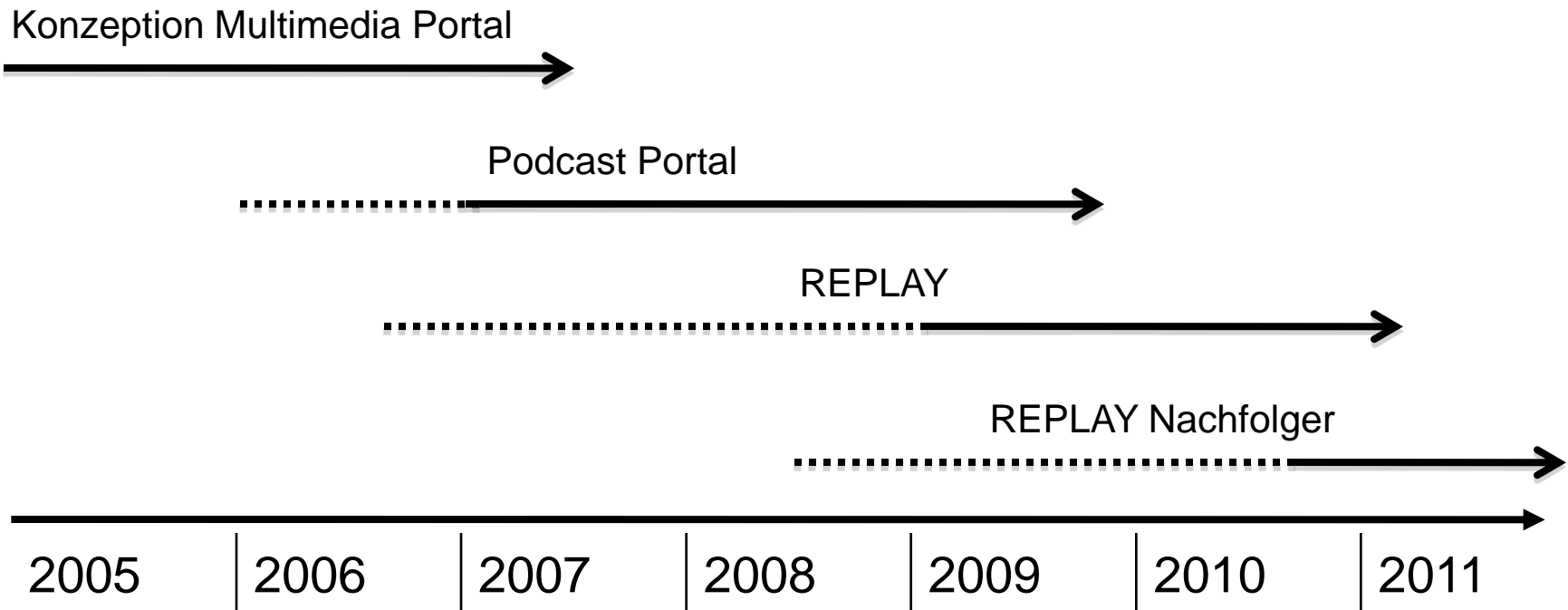
Opencast Community und REPLAY

Multimedia Services: REPLAY

- Gemeinsame Führung durch UC Berkeley und ETH Zurich
- REPLAY ist technische Basis für Opencast-Produkt
- REPLAY wird nach Opencast migriert
- Verstetigung der Investitionen
- Zusätzliche Funktionalitäten

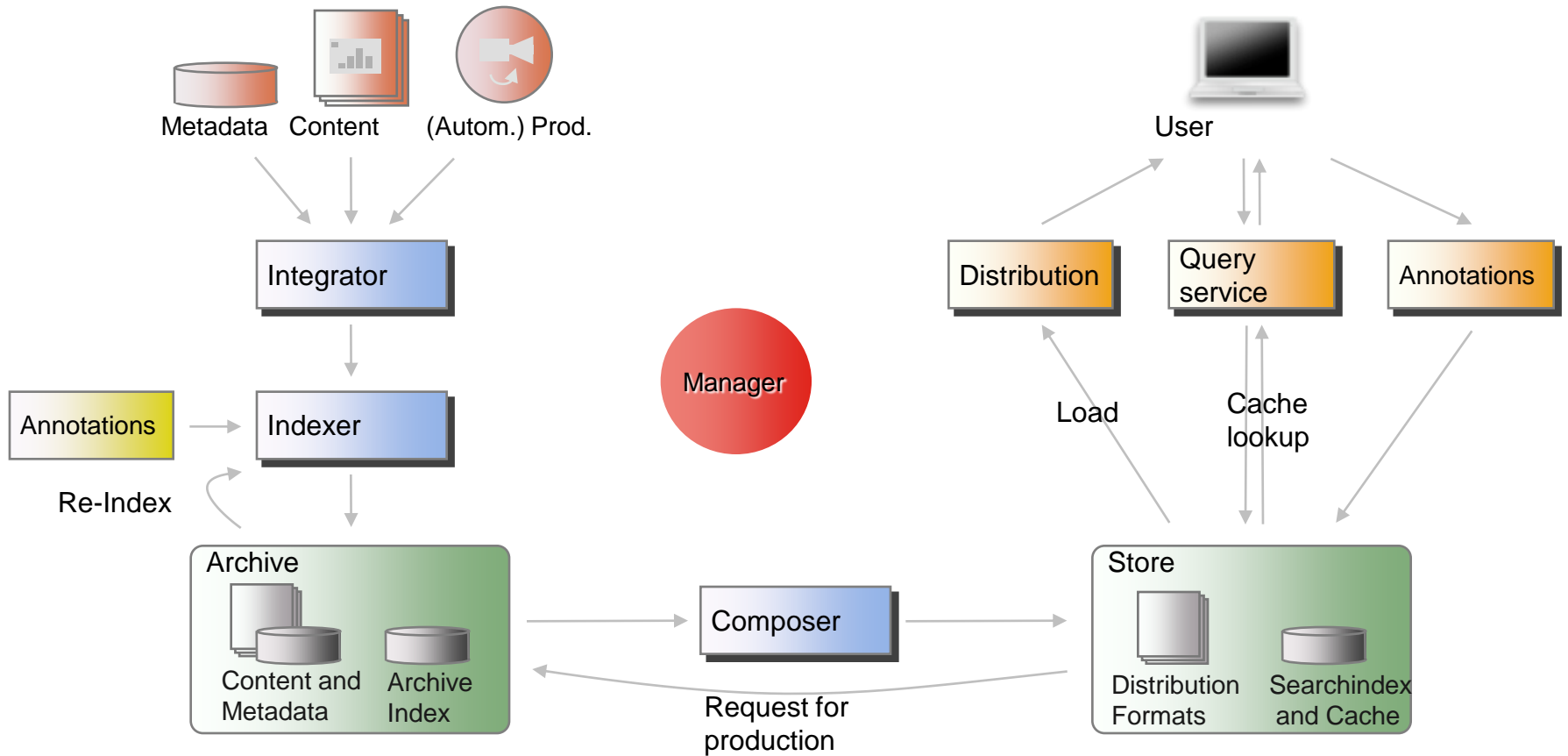
Vom Podcast Portal zu Opencast

Multimedia Services: REPLAY



REPLAY – die Technik

Multimedia Services: REPLAY



Playmobil: Vorgaben

Multimedia Services: REPLAY

- Aufnahme von Saal-Audio und dem was der Beamer zeigt
- Video der Dozierenden mit automatischen Kamera-Tracking
 - Keine Interaktion mit den Dozierenden notwendig
 - „Billige“ Akquisitions-BlackBox im Hörsaal durch Verwendung von Consumer-Hardware
 - max. 4k€ Investition pro Hörsaal

Playmobil: Kameras

Multimedia Services: REPLAY



REPLAY - die Dienstleistung

Multimedia Services: REPLAY

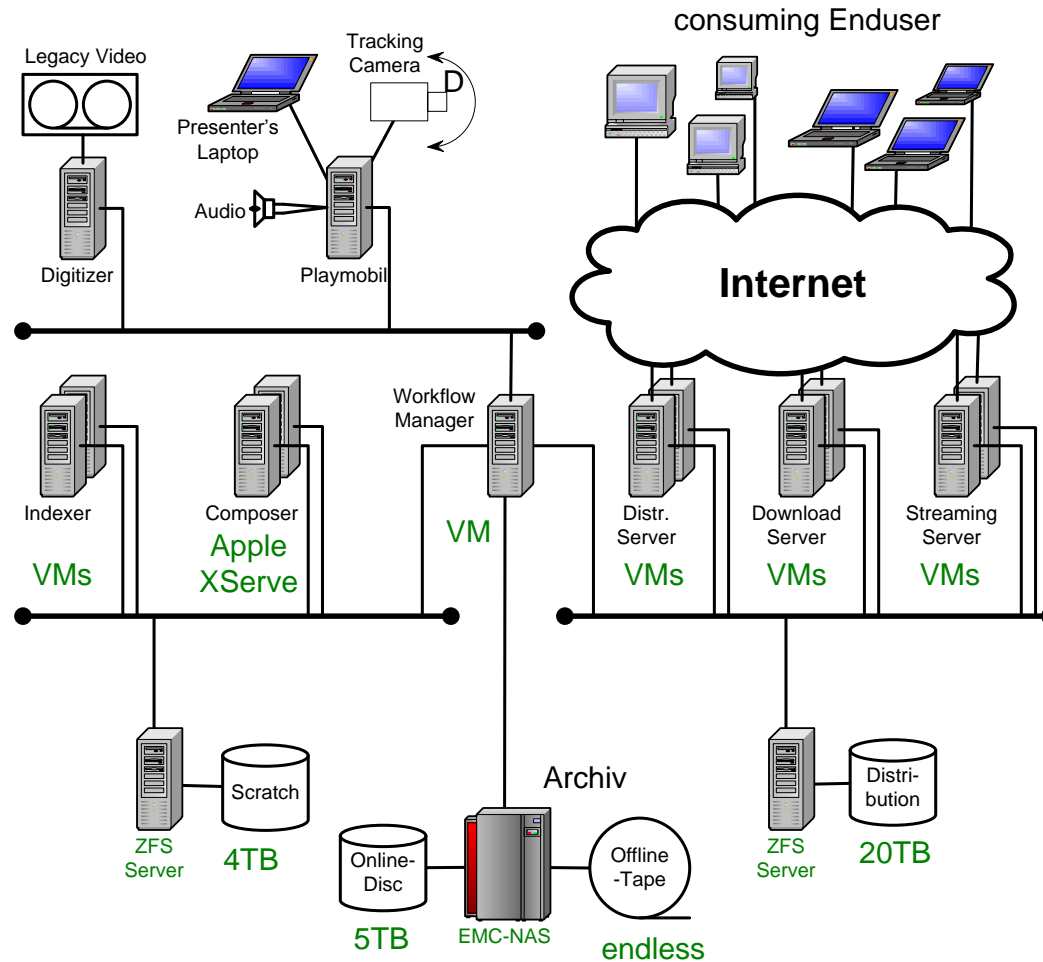
16. Februar 2009: Start der Dienstleistung

- 4 Hörsäle mit Playmobilen (VGA + Video + Audio)
- 3 Hörsäle mit PlayMacs (VGA + Audio)
- 1 Digitalisier-Arbeitsplatz

- Planung: Ausrüsten von 8 Hörsälen pro Jahr

REPLAY Infrastruktur an der ETH

Multimedia Services: REPLAY



REPLAY - Kontakt

Multimedia Services: REPLAY

- replay.ethz.ch
- replay.origo.ethz.ch/
- www.opencastproject.org
- replay@id.ethz.ch