



Changing Paradigms from an Automated Recording Service Towards a Self-Service Video-Portal

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Current State

- Opencast was optimized for scheduled lecture recordings
- Workflows were optimized for recording (hardware) in the lecture halls
 - One real live event is one series in Opencast
- Editing of metadata is complicated and slow
- Uploading content manually is not as efficient as it could be
- At several institutions video-managers review new recordings and manage the existing videos
- Lecturers were limited in editing / managing their content

The Pandemic

- Opencast Studio was a helpful new feature to enable teachers to create content anywhere
- Other tools are also used to create content that needs to be managed in Opencast
- Re-use of content became more important
 - From previous semesters
 - From (OER) portals
- Lecturers demand more control over their content and they need immediate feedback
 - Contacting the video managers is for many too complicated

The Future

- New ways of teaching will become more popular
 - Flipped Classroom
 - Hybrid Teaching
 - Distant Teaching
- Scenarios on how content will be used will become more complicated
 - Re-use of Opencast events in several systems
 - Partially updated Opencast series – with the demand that the original series is untouched
 - Scheduled changes of the visibility of events
 - Import / export of content from teachers that have a new job
 - User-generated content from learners
 - Personalized views for learners

Current work in Opencast

- Tobira Portal
- Several LMS integrations
 - that are more and more replacing the admin UI
 - that are getting more and more complex and probably buggy
- Wordpress Plugin

What Could to be Done

- Better libraries / APIs for 3rd party systems like LMS to manage recordings
- Different series concept (no longer 1:1)
- Better export and import of mediapackages
- Improved upload
 - Provide metadata while uploading
 - Continue upload if interrupted
- Improved Opencast Studio

Where do you see challenges?