

Opencast adopter update: University of Helsinki

Retrospect and future ideas after 4 years of OC

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The Opencast Summit 26.3.2015, Manchester

'UniTube' at University of Helsinki

UniTube Uploader

Location: Flamma's
Tools-tab

UniTube Arena

Location: Flamma's
News and Events -tab

UniTube Lecture Capture Theatres

Location: several campuses

UniTube Studio

Location: Learning Centre
Aleksandria, room 233

We started with a pilot about 4 years ago

In the beginning - 2011

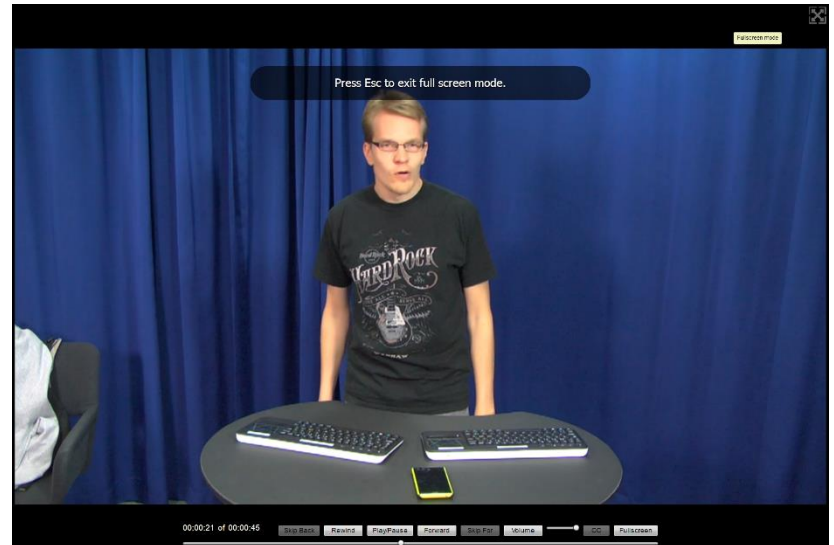
- OC 1.2 A, E+Wowza, 2xW
- 4 x OC capture agents
 - Xubuntu 12.04.2 installed via shell
 - Firewire and Blackmagic HDMI/HD-SDI -cameras
 - Epiphan USB2DVI
 - used via scheduling
 - Microphone(s) on the podium with Behringer Shark
- Default usage via /engage/ui
- All videos public to all viewers

Now - 2015

- OC 1.4.3 A+E, Wowza, 2xW
- 7 x 'Tuned' Galicaster 1.4.0s
 - Ubuntu 12.04.4 with LDAP integration installed via BASH-script
 - Blackmagic HDMI/HD-SDI
 - Datapath VisionRGB
 - No scheduling, user needs to operate
 - Audio from room system (or automatic mixer) with delay
- Videos and UI on intranet via REST
- Videos viewable in intranet, or on Moodle groups via LTI

Current usage not so typical?

- Lecture Capture **is not** the main use case
 - Teachers much more interested in the UniTube-studio for making short flipped-classroom –type recordings
 - Also uploading videos to OC via intranet for Moodle-usage
- Most videos in the system **not public**
 - mainly published to Moodle
 - some just for 1 student



Specialities - UniTube studio

- The most used part of our setup
- A self-service studio with
 - 2 HD prosumer cameras (1 fixed, 1 on tripod)
 - Automatically -controlled ceiling-mounted microphones, with compressor+limiter+expander+delay+etc
 - LED panels for lighting
 - Podium and a table with chairs
 - User operated Galicaster
- Many videos not published via OC but taken as files, edited and then published on YouTube / Vimeo etc.



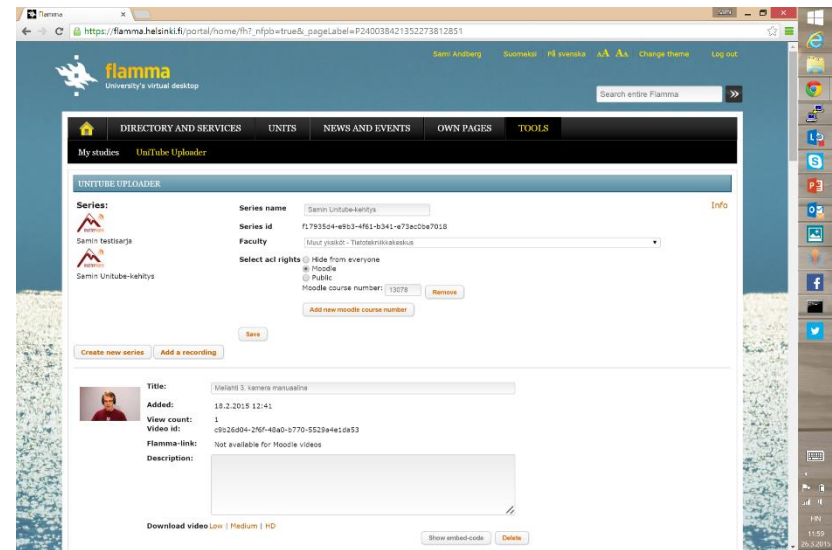
Specialities 2 – practise pharmacy



- A special setup for the faculty of pharmacy
- 2 cameras, wireless microphones
- Optimized workflow – video published in about 10 minutes
- Usage: Student logs into galicaster with their acct – record and ingest – and only they can view and download the final video from the intranet

Specialities – usage via intranet

- All videos need to belong to a series
- Series and videos owned by 'contributor'-field value, which is the user ID (eight letters)
- Intranet uses REST calls to show and modify relevant data



- Demo

Next steps

- Wishes from users
 - More 'UniTube-studios'
 - LTI player that works on mobile!!!
 - Video trimming (embedded to the intranet UI via REST)
 - Live streaming
 - Multiple feeds (for example extra presenter or two presentation video) in addition normal two videos
 - Possibility for multiple users to contribute to a single series
 - ... And how about more automated capture, with live multicamera mixing, etc?