

Sharing videos in FUAS

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1. SUMMARY

FUAS (Federation of Universities of Applied Sciences) is a strategic alliance formed by Häme, Lahti and Laurea Universities of Applied Sciences. This paper describes how FUAS has found the way on how to share videos to each other.

2. BACKGROUND

Häme, Lahti and Laurea Universities of Applied Sciences are independent higher education institutions. They have a common FUAS-vision 2020 - "FUAS enables the member institutions to offer the students high quality education and the broadest range of study opportunities throughout the academic year". The vision is paired with FUAS-strategy 2015-2020 "The Virtual Campus increases the studies offered digitally, regardless of time and place, and it provides students with tailored study paths.". FUAS has also introduced a so-called FUAS Campus. FUAS campus is a virtual campus (eCampus) which compiles online studies, learning platforms and a shared video platform.

When planning the shared video platform, flipped classroom method was an important principle, guiding us through the process. Before the shared platform, we used YouTube for sharing the videos. However, we had some problems with it: copyright and ownership challenges, integration to other systems (for example Learning Management System, LMS). The most critical issue was that there were no proper possibilities to share the videos within FUAS. So we had a need for better solution. We started our project by clarifying the enterprise architecture. It was important for us that both staff members and students should be allowed to upload videos into the system.

3. SOLUTION

3.1. The Concept of the solution

Figure 1 shows the concept of our solution. We have a shared media repository which contains all the material. Only administrators are using that. Then each organization has its own video portals and connections for learning management systems (LMS).

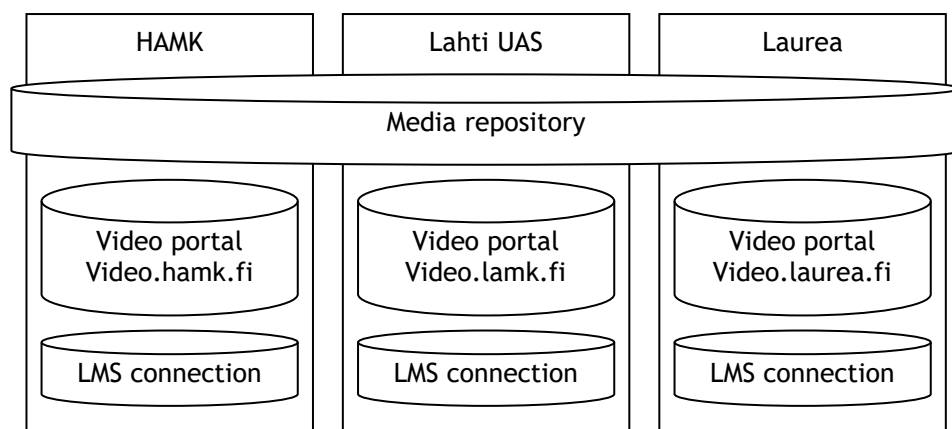


Figure 1: The Concept of the FUAS video platform.

The technology we base our solution on is Kaltura and the system is offered by NORDUnet. The configuration is done without code customization.

3.2. The implementation process

If we compare our solution to single organization's video platform, trust is a key element in our case. We need to trust to each other.

Also consensus is critical. For example, we had to negotiate:

- Metadata structure we are using. Without this it would not be possible to share the videos for other organizations. Also all setups within the repository needed to be agreed.
- Licenses we are using for the material. We use same licensing for all the material. We recommend to use the CC-licenses but we also have all rights reserved -license.
- Terms and conditions for end users. This is important because now we know that all users have agreed same terms and conditions. The terms and conditions need to be agreed before uploading videos.

We need to be careful when changing media repository system parameters. We need a change management policy for the system.

This means that implementation time is longer and it takes more work to agree on everything. The most difficult thing was to find the way on how the three videoportals and one repository can be configured so that sharing the videos in FUAS is possible.

4. SOME STATISTICS

We started piloting the system in May 2016 and full production was in September 2016. In May 2017 the total amount of medias in the system was about 3900. We have about 52 000 plays and the videos have been played for about 4 700 hours. We are really satisfied on these figures.

5. FUTURE DEVELOPMENT

We are still missing some guidelines. For example, we don't have a decision when we should or could delete videos from our platform. If the owner of the video is not working for us anymore or if the owner (student) has graduated and the video does not have CC-license, how long should we store it?

We are also waiting for new versions of the platform. Especially better native apps for Android and iOS would be useful.

We also have a group of pedagogical and IT experts collecting the data. They will recommend practices and procedures to video-assisted learning in FUAS Campus.

6. AUTHORS' BIOGRAPHIES



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