



Moodle Video Directory

Yedidia Klein, OpenApp Israel



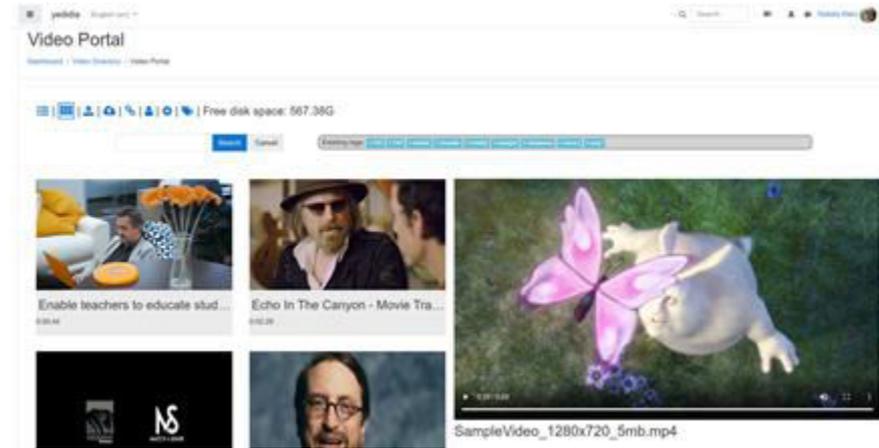
Some words about OpenApp and Me

- OpenApp is an Open Source Software company located in Jerusalem Israel. (14 people)
- Yedidia Klein (me :) is a co-founder and the CTO of OpenApp for almost 12 years.
- OpenApp has done Moodle integrations and developments in many universities and companies in Israel.



Moodle Video Directory Structure

- Local - Video Directory.
- Module - Player inside course.
- The videos are managed in the directory, a centralized place for all courses.
- Video from this directory can be used in courses.
- Updating video in directory will update it in courses.



Basic Features

- Can be used by any user that belongs to local_video_directory system role.
- Upload any type of video (mp4, wmv, flv, ogv etc...)
- Video is converted for streaming on server side.
- Tagged, Categorized, Renamed.
- Subtitles upload.

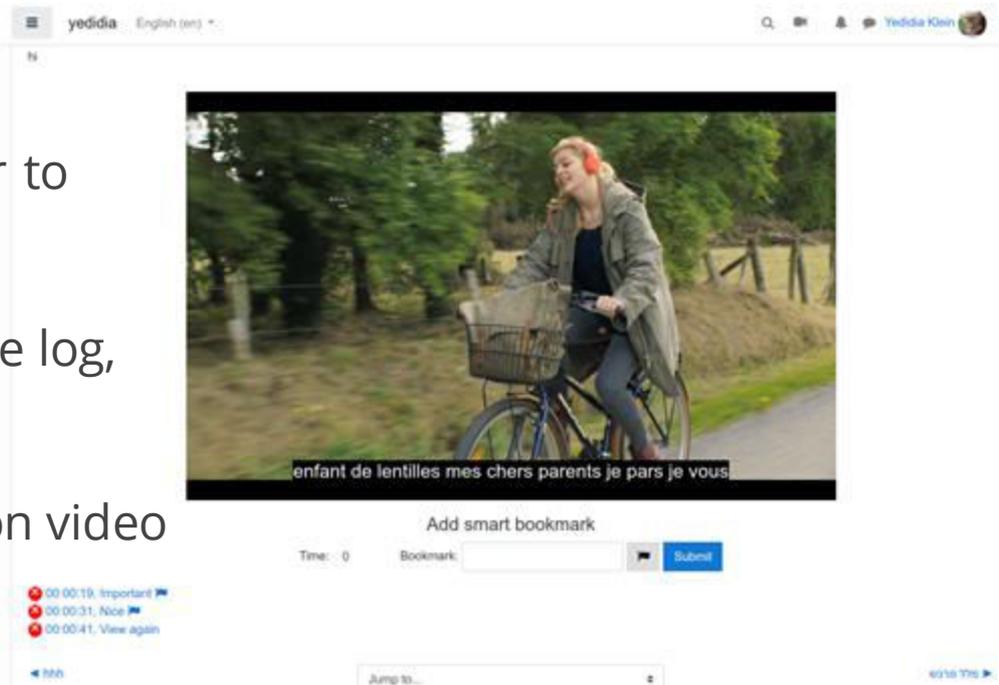
Streaming

- Streaming is done using NGiNX and VOD Module.
- Could be streamed in DASH / HLS.
- Adaptive bit rate (ABR) for smooth video on any bandwidth.
- <https://nginx.org>
- <https://github.com/kaltura/nginx-vod-module>

The logo for NGiNX, featuring the word "NGiNX" in a bold, green, sans-serif font. The letter "i" is lowercase and has a dot, while the other letters are uppercase.

Mod_videostream

- This module allows the teacher to insert video into a course.
- Logging video events to Moodle log, play, seek, end.
- Student can add annotations on video timeline for future watching.
- Forked from [lemonad/moodle-mod_videofile](#)



The screenshot displays a Moodle video player interface. At the top, it shows the user 'yedidia' in 'English (en)'. The video content shows a woman with blonde hair wearing a grey jacket and headphones, riding a blue bicycle on a paved path through a green, wooded area. Subtitles at the bottom of the video frame read 'enfant de lentilles mes chers parents je pars je vous'. Below the video player, there is an 'Add smart bookmark' section with a 'Time: 0' label, a 'Bookmark:' input field, and a blue 'Submit' button. A timeline below the video shows three red circular markers with timestamps: '00:00:19, Important', '00:00:31, Nice', and '00:00:41, View again'. At the bottom of the player, there is a 'Jump to...' search bar and a 'Watch This' link.

Advanced Features

- Studio for online editing videos.
 - Crop, Merge two videos.
 - Cut, concatenate and change speed of video.
- Auto create subtitles via Google text2speech engine.
- Versions management. (list, restore)
- Download from url or Youtube. (Legal issues)

Some Clients with Active Video System



IT'S NOT JUST AN AIRLINE. IT'S ISRAEL



List of videos

[Dashboard](#) / [Video Directory](#) / List of videos


 Free disk space: 567.42G

[Reload](#)
[Show all videos](#)

Existing tags: [+ 737](#) [+ 747](#) [+ martin](#) [+ moodle](#) [+ o'reilly](#) [+ sample](#) [+ simpsons](#) [+ טימון](#) [+ סוקר](#)

Show entries

Search:

Thumbnail	ID	State	Description	Views	Tags	Video length	Actions
	3	Ready + Multi resolution Course: 2 13 17 19 21 23 25 27 29	La Famille Bélier - Je vole (Louane)	12	O'reilly סוקר	0:03:34	
	4	Ready + Multi resolution Course: 15	אנדרדוס - את מי מעניין היורז	2	737 747 טימון	0:01:32	
	9	Ready + Multi resolution	Echo In The Canyon - Movie Trailers	0		0:02:29	
	10	Ready + Multi resolution	Sonic the Hedgehog - Movie Trailers	2		0:02:50	



Upload

[Dashboard](#) / [Video Directory](#) / Upload

| Free disk space: 567.42G

Private

Description

Tags

No selection

Enter tags... ▾

[Manage standard tags](#)

Owner

Yediaia Klein ▾

File

Maximum size for new files: Unlimited, maximum attachments: 50



Files



You can drag and drop files here to add them.

Accepted file types:

Get Text from Video

[Dashboard](#) / [Video Directory](#) / [Get Text from Video](#)

La Famille Béliier - Je vole (Louane)



Lang	Date	State
fr_FR	Monday, 05 August 2019 20:57	Done

Get Text from Video

Lang

French

Save changes

Cancel

0s-59.100s

mes chers parents je pars je vous aime mais je pars vous n'aurez plus d'enfant ce soir je ne m'enfuis pas je vole comprenez bien je veux sans fumée sans alcool cheval
cheval elle m'observait tiers sociaux sans oublier ma mère comme si elle le sentait en fait elle se doutait entendait j' ai dit que j'étais bien tout à fait l'air serein elle a fait comme
de rien et mon père des minis à souris

60s-75.800s

ne pas se retourner enfant de lentilles



Edit subtitles

[Dashboard](#) / [Video Directory](#) / Edit subtitles

0s - 2.200s

mes

2.200s - 2.700s

chers

2.700s - 2.900s

parents

2.900s - 3.400s

je

3.400s - 4s

pars

4s - 6.900s

je

6.900s - 7.300s

vous

7.300s - 7.900s

aime

7.900s - 8.200s

mais

8.200s - 8.300s

je

8.300s - 8.600s

pars



Video Editing Studio

[Dashboard](#) / [Video Directory](#) / Video Editing Studio

Video Editing Studio - Echo In The Canyon - Movie Trailers - iTunes.m4v



Crop Video



Merge two videos into one



Cut video



Concatenate Videos



Video Speed

Crop Video

[Dashboard](#) / [Video Directory](#) / [Video Editing Studio](#) / [Crop Video](#)



Rectangle Data: EndX: 553 EndY: 356 StartX: 86 StartY: 4

Save

New version of this video ↕

Save changes

Cancel

- Video has horizontal or vertical black lines.
- Crop to a new version or to a new video.

☰ | 🗃️ | 📁 | 📤 | ☁️ | 🔗 | 👤 | ⚙️ | 📌 | Free disk space: 548.22G

Search Cancel

Existing tags: [+ 737](#) [+ 747](#) [+ martin](#) [+ moodie](#) [+ o'reilly](#) [+ sample](#) [+ simpsons](#) [+ sun'ra](#) [+ xorg'](#)



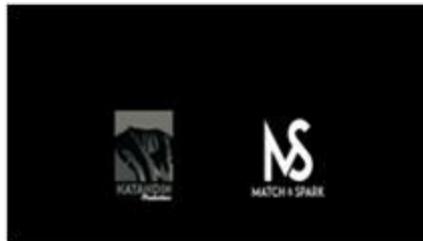
Enable teachers to edu...

0:00:44



Echo In The Canyon - ...

0:02:29



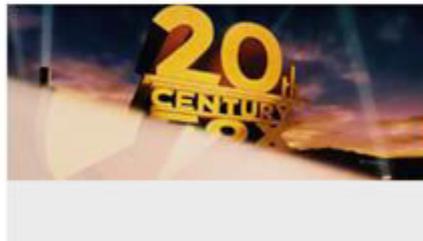
Who Will Write Our His...

0:02:10



Hail Satan - Movie Trail...

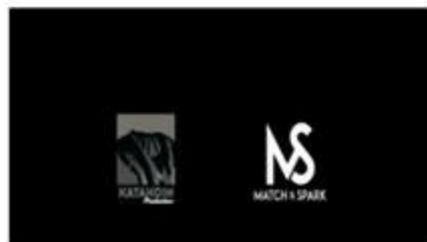
0:01:01



☰ | 📄 | 📁 | 📤 | ☁️ | 🔗 | 👤 | ⚙️ | 📁 | Free disk space: 548.22G

Search Cancel

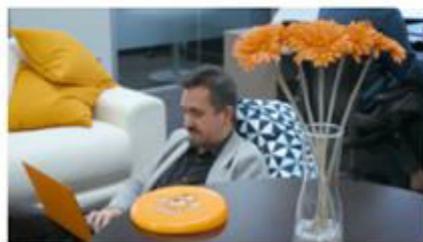
Existing tags: + 737 + 747 + martin + moodle + o'reilly + sample + simpsons + nin'03 + 2019'



Who Will Write Our His...
0:02:10



Hail Satan - Movie Trail...
0:01:01



Enable teachers to educate students with Moodle - Dr Martin Dougiamas.mp4



General

Name



video

Description



Watch this important video please...

Display description on course page

Video

Width



800

Height



500

Responsive?

Display inline on main course page?

Display inline on main course page?

Video

La Famille Béliet - Je vole (Louane)

Search



Add smart bookmark

Time: 0

Bookmark:



Submit

00:00:12, Important

h h h

Jump to...



מלל מרגש

Future and thoughts

- Integration with OpenCast.
- Add API to google translate for multi language subtitles.
- How to manage versions of files in Multiple courses - Do the same with office to PDF files ?

Questions ? Stay in touch...

- yedia@openapp.co.il
- https://github.com/yedidiaklein/moodle-local_video_directory
- https://github.com/yedidiaklein/moodle-mod_videostream



The Moodle logo is centered in the upper half of the image. It features a dark teal graduation cap icon positioned above the letter 'm'. The word "moodle" is written in a lowercase, rounded, sans-serif font in a bright orange color. The background is a solid, dark teal color.

moodle

