

## Video

[Kaltura](#), [Video](#), [Video annotations](#), [Video Editor](#), [Multimedia](#), [Screencast](#), [Slidecasting](#) and [BigBlueButton](#) should be re-organised.

Since [Tiki4](#), Tiki can handle video through [Kaltura](#) (see its documentation: [Kaltura](#) ).

There are a few things to improve in the way Tiki handles videos.

For instance, imagine a user records quick screencast with video and audio (for instance, using gtk-recordmydesktop and pavucontrol under GNU/Linux-based distros) in an small .ogv video file of 3 Mb. (ogv is one of the free/open video codecs, recorded by most FLOSS end-user friendly video-apps. by default)

If the user wants to upload it to its Tiki and have something similar to what you get when you upload it to external sites (youtube, blip.tv, etc: some controls to play, pause, show in full screen, etc), it's not an easy task for that person. The user can upload that file to Tiki (with a lot of clicks, but this is another story). And once uploaded, there is no easy way to embed that file:

- [PluginMedia](#) ~~doesn't seem to support .ogv~~. It already does.
- [PluginFlash](#) can't play .ogv, but flash.

## Cortado java applet

One simple workaround for .ogv videos seems to be to use the **cortado** java applet (for those browsers which doesn't support html5).

Example:

```
{HTML()} <video src="http://ueb.ir.vhebron.net/display319" width="352" height="288"> <applet
code="com.fluendo.player.Cortado.class" archive="http://theora.org/cortado.jar" width="352"
height="288"> <param name="url" value="http://ueb.ir.vhebron.net/display319"/> </applet>
</video> {HTML}
```

(code seems not to work anymore)

## Video for everybody

"Video for everybody" seem to have come to a simple solution for most use cases and devices. Implementing this approach could make tiki a better handler of videos?

- maybe by means of some plugin allowing to write that html code for the user?
- the easy solution would be to request/suggest the user to make the conversions to .webm, .mov & .ogv where necessary, and offer him/her a single form to upload up to 3 files linked to each other?

## What people really want

When it comes time to video people are impatient, they want everything to work right away. They just bought a vacation camera and the pray for

## P&P

Device to computer

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Once the user has shot a movie, he wants to plug the device in his computer and be able to do anything he want. If there is a way to bypass this step, then tests should be considered with all the devices available on the market

## Device to Tiki

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Once the computer has stored his movie, the user wants to

- Add captured vido to an album
- Upload the album to a tiki page
  - Show the album
  - Organise the album
  - Send videos from the album by email
  - Take back the videos from the album
- Create a video montage
- Have no problems to resolve

## Speed

People using video albums want to quickly have their video montage uploaded to:

- Youtube
- Vimeo
- Etc

## A web page showing their video

Specially with the venue of HD cameras where companies make their installation CD so convivial, users needs have become extraordinarily simplified.

- Step one: Shoot
- Step two: go home and edit
- Step three: Diffuse

## A picture is worth a thousand words

With the advent of social media, one needs not to be surprise when seeing a school student filming an interview with an adult for a web blog video project.

## That's learning 2.0!

This capture screen bellow let's us understand how easy things are with moving pictures. Consider the second part of that screen image as a user Tiki page.



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## References

- Cortado [GPL'd](#) [↗](#) small jar applet to play embedded ogv in your site:  
[Theora.org - Cortado](#) [↗](#)
- Video for everybody:  
[Camendesign.com - video for everybody](#) [↗](#)
- HTML 5 video:  
[808.dk - code html 5](#) [↗](#)




--\* <http://winff.org/> 

-- website is gone
















## MPEG-DASH

- <https://github.com/Cloudoki/mp4-to-mpegdash/blob/master/transcode.pl> 
- <http://blogs.msdn.com/b/interopability/archive/2014/01/03/mpeg-dash-tutorial-embedding-an-adaptive-streaming-video-within-your-html5-application.aspx> 
- <https://www.openhub.net/p?query=ffmpeg&sort=users> 
- Screencast capture to MPEG-DASH would be awesome
- <https://packagist.org/packages/media-alchemyst/media-alchemyst> 
- <http://gpac.wp.mines-telecom.fr/mp4box/dash/> 
- <http://gpac.wp.mines-telecom.fr/dashcast/> 
- <https://github.com/slederer/DASHEncoder> 
- <https://hacks.mozilla.org/2015/07/streaming-media-on-demand-with-media-source-extensions/> 
  - <https://www.openhub.net/p/bento4> 

## MPEG-DASH players

- <https://github.com/google/shaka-player> 
- <https://videojs.github.io/videojs-contrib-dash/> 
- <https://github.com/Dash-Industry-Forum/dash.js> 

## Related

- <http://www.jplayer.org/> 
- <http://gokercebeci.com/dev/f4player> 
- <http://flv-player.net/>  (used in PluginMediaPlayer)
- <https://www.openhub.net/p/resourcespace> 
- <http://ampache.org/> 
- <https://www.openhub.net/p/ffmpeg-php> 
- <https://www.openhub.net/p/phpvideotoolkit-v2> 
- <https://www.openhub.net/p/phrasenet> 
- <http://blog.kaltura.org/kaltura-html5-update-brings-new-features-and-best-in-class-performance> 
- <http://mediaelementjs.com/> 
- <https://www.ohloh.net/p/clipbucket> 
- <http://cumulusclips.org/> 
- <http://www.flumotion.net/> 
- <https://www.openhub.net/p/openimages> 
- <http://bgrins.github.io/videoconverter.js/> 
  - [https://www.openhub.net/p/videoconverter\\_js](https://www.openhub.net/p/videoconverter_js) 