

Movian - Feature #2563

PAL Speedup

02/26/2015 01:32 PM - kokotoni wilf

Status:	Accepted	Start date:	02/26/2015
Priority:	Normal	Due date:	
Assignee:	Andreas Smas	% Done:	0%
Category:	Video playback	Estimated time:	0.00 hour
Target version:			

Description

I've initially placed this in the forum. Wrongfully, off-course /plugin_assets/redmine_wiki_extensions/images/smile.png

Since, showtime (movian /plugin_assets/redmine_wiki_extensions/images/smile.png) now has video frame interpolation. Which works great for some NTSC material.

For film, it doesn't work so well as it produces some "hick ups" in panning and rollup movements when playing in PAL tv's.

Nowadays we have a lot of "anti-judder" processes in our TV's, but they process so much the image that we fell into the "soap opera effect" /plugin_assets/redmine_wiki_extensions/images/sad.png which makes us loose the "cinema watching" effect.

DVDs in Europe are still converted to PAL by speeding up the 23.976 material to a rate of $25.0 \cdot 1001 / 24000 = \text{aprox. } 25 / 23.976 = \text{aprx. } 1,0427083333$

This gives a real good stable, linear and enjoyable watching experience.

This is really easy to do in tools like ffmpeg, and I assume the same for showtime.

It would be fantastic, if showtime could have both "Video frame interpolation" and "PAL speedup".

Showtime would be the ultimate video player /plugin_assets/redmine_wiki_extensions/images/smile.png

Think about it /plugin_assets/redmine_wiki_extensions/images/wink.png

Thanks

History

#1 - 02/26/2015 07:48 PM - Andreas Smas

- Status changed from New to Accepted

This is a good feature but right now i'm focusing 100% on the UI for 5.0 so it will be put on hold for a while