

H.264 1280x720 HQ slower

Submitted by zebulon on Sat, 06/09/2012 - 03:48

Destination: File rendering

Category: H.264

File extension: mp4

Avformat parameters: acodec=mp2 ab=256k ar=44100 ac=2 vcodec=libx264 crf=20 rc-lookahead=50 coder=1 flags=+loop cmp=+chroma partitions=+parti8x8+parti4x4+partp8x8+partb8x8+partp4x4 me_method=umh subq=8 me_range=16 g=250 keyint_min=25 sc_threshold=40 i_qfactor=0.71 b_strategy=2 qcomp=0.6 qmin=0 qmax=51 qdiff=4 bf=3 refs=5 directpred=1 flags2=+mixed_refs+dct8x8+fastpskip+mbtree cqp=0 wpredp=2 trellis=1 weightp=2 deblock=1:0:0 direct=auto muxer=auto aspect=%dar

This is a good quality x264 video codec which give good results up to a max resolution of 1280x720 (HD).

Created from x264 preset examples.

Usage:

- Set your projects profile
- When rendering decide if you want interlaced video to be converted to progressive = use the 'Force Progressive' setting.
- optional you can decide if you want to have a different output size.

Audio codec:

I have chosen the mp2 codec because it can easy be used on all kind of devices as well. Another reason is that faac is not always available in ffmpeg. I also tested ac3 but some players crashed when testing (kaffeine)

Video codec:

This profile uses the video input frame-rate and video aspect-ratio and project-size also for the output video. You can rescale the video. You do not have to set audio and video bit-rate.

Created and tested with kdenlive 0.9.2 on openSUSE 12.1 64bit. Players: vlc, kaffeine, mplayer, xine, xbmc.

Tested with sources:

Screen recording progressive 1600x900 16:9

Screen recording progressive 1280x720 16:9

PAL DV video source (interlaced bff) 720x576 4:3

PAL DV video source (interlaced bff) 720x576 16:9

In projects:

DV PAL 4:3

DV PAL 16:9

720p (HD) 16:9

Created videos:

PAL 720x576 16:9 progressive and interlaced

PAL 720x576 4:3 progressive and interlaced

PAL 1280x720 16:9 progressive

Enjoy.

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Published on Kdenlive (<http://kdenlive.org>)

Go back to the [list of rendering profiles](#) [1]

Source URL: <http://kdenlive.org/h264-1280x720-hq-slower>

Links:

[1] <http://kdenlive.org/rendering-profiles>