H.264 1280x720 HQ slow

Submitted by zebulon on Sat, 06/09/2012 - 03:46
Destination: File rendering
Category: H.264
File extension: mp4
Avformat parameters: acodec=mp2 ab=192k ar=44100 ac=2 vcodec=libx264 crf=21 rc-lookahead=40 coder=1 flags=+loop cmp=+chroma partitions=+parti8x8+parti4x4+partp8x8+partb8x8-partp4x4 me_method=hex subq=7 me_range=16 g=250 keyint_min=25 sc_threshold=40 i_qfactor=0.71 b_strategy=1 qcomp=0.6 qmin=0 qmax=51 qdiff=4 bf=3 refs=3 directpred=1 flags2=+mixed_refs+dct8x8+fastpskip+mbtree cqp=0 wpredp=2 trellis=1 weightp=2 deblock=1:0:0 direct=spatial muxer=auto aspect=%dar

This is a fast 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.

Go back to the list of rendering profiles [1]

Source URL: http://kdenlive.org/h264-1280x720-hq-slow

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