

Film format och fria program

Talang 28 feb 2008

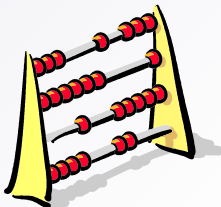
AVI

MPEG

MPEG-4

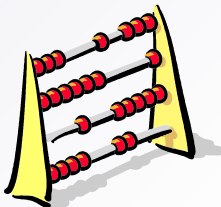
WMV ASF

DivX XviD



AVI

Audio Video Interleaved
vanligt i små kameror



MPEG-1

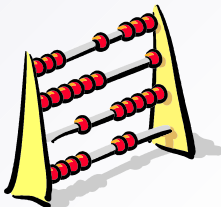
MPEG-1

The Motion Picture Expert Group (MPEG)

ca 1.5 Mb/sec

MPEG-2

format från satellit
och marksänd digital tv

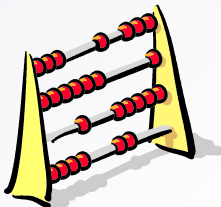


MPEG-4

MPEG-4

International Standard in 1999

variabel bitrate
hur dåligt som helst upp
till DVD kvalite

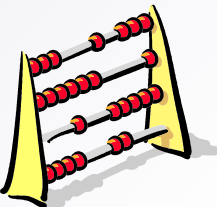


WMV

Windows Media file with Audio and/or Video
fördrel kan även strema

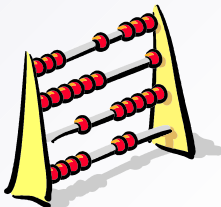
WMA

Windows Media Audio
Microsofts försök till mp3



ASF

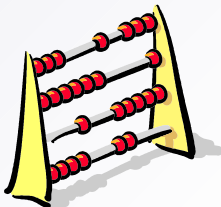
Advanced Streaming Format
Audio video och slideshow



DivX

created by DivXNetworks, Inc.

kan reducera MPEG-2 video
till en tiondel

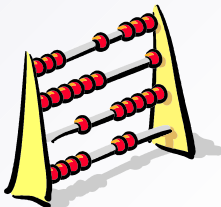


XviD

open source project

väldigt likt DivX

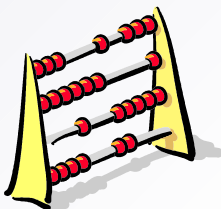
Loeskow favorit



QuickTime

Skapat av Apple Computer
för Macintosh

svårt att redigera med gratis program
men bus enkelt på en Mac

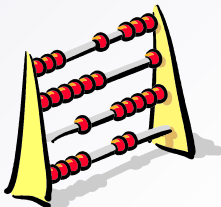


Skapa film och ljud

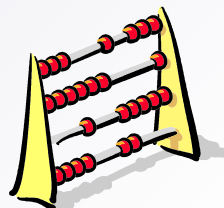
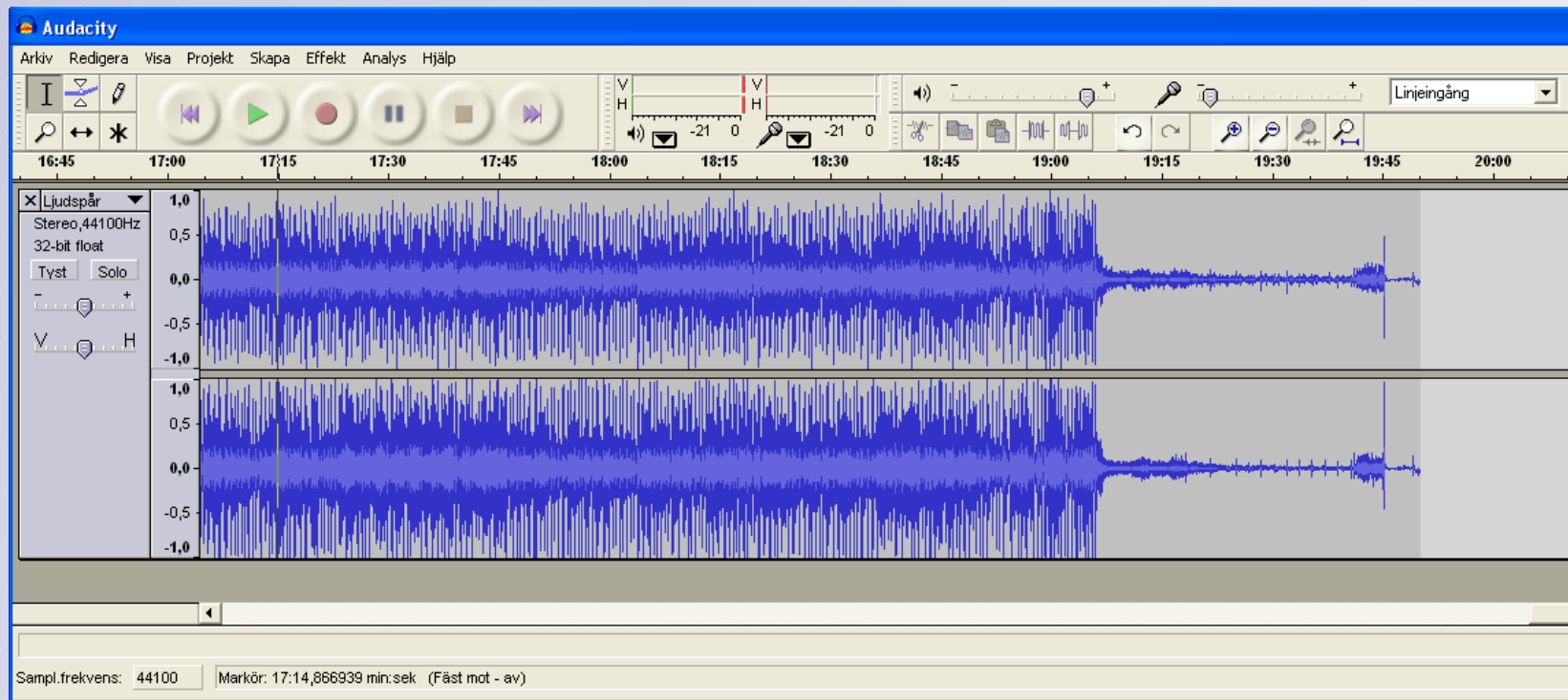
Audacity

Timgenc

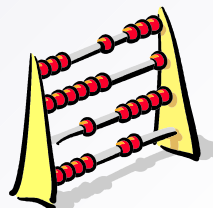
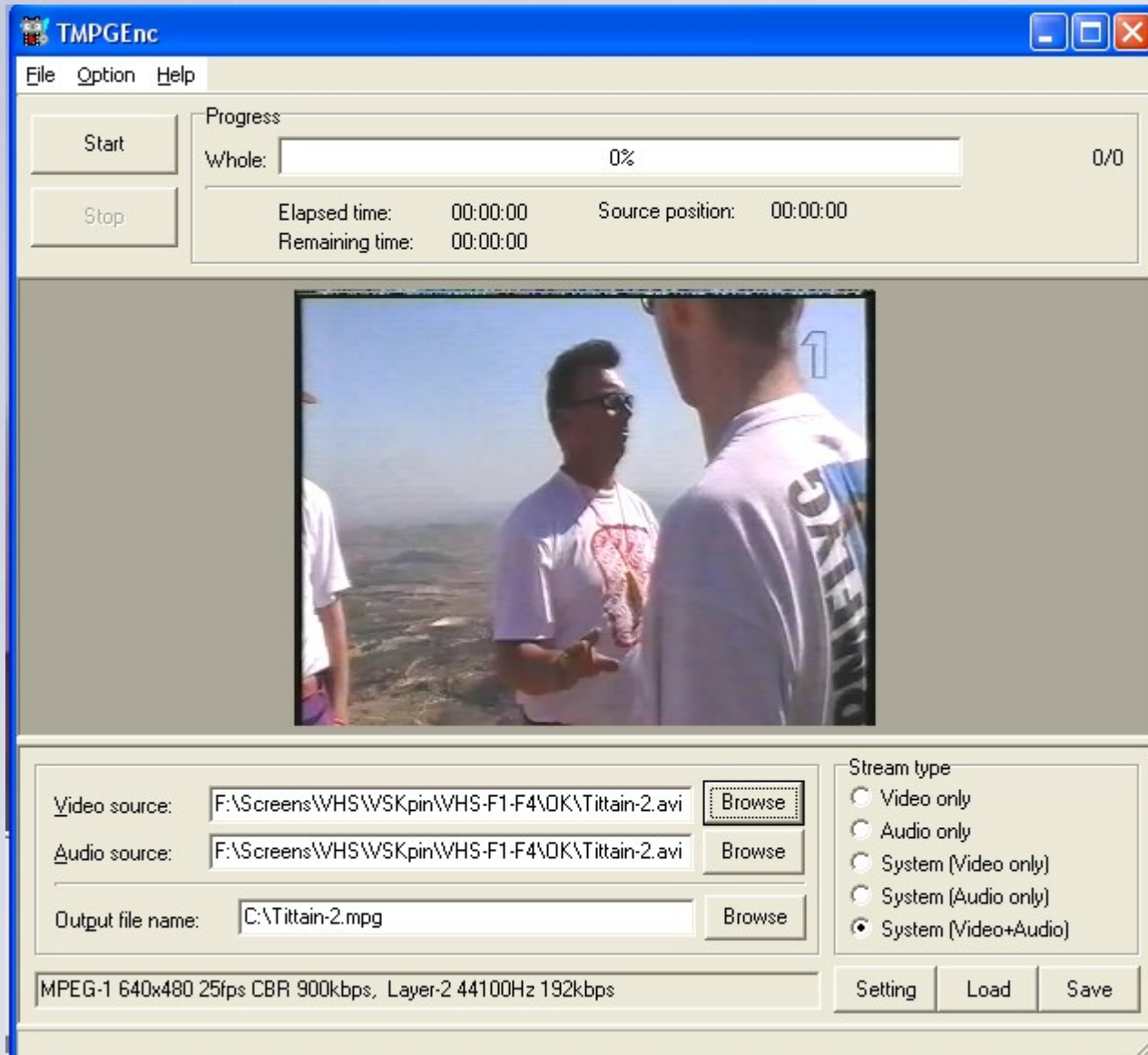
Virtualdub



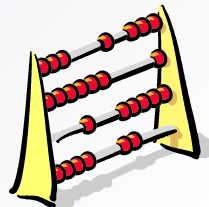
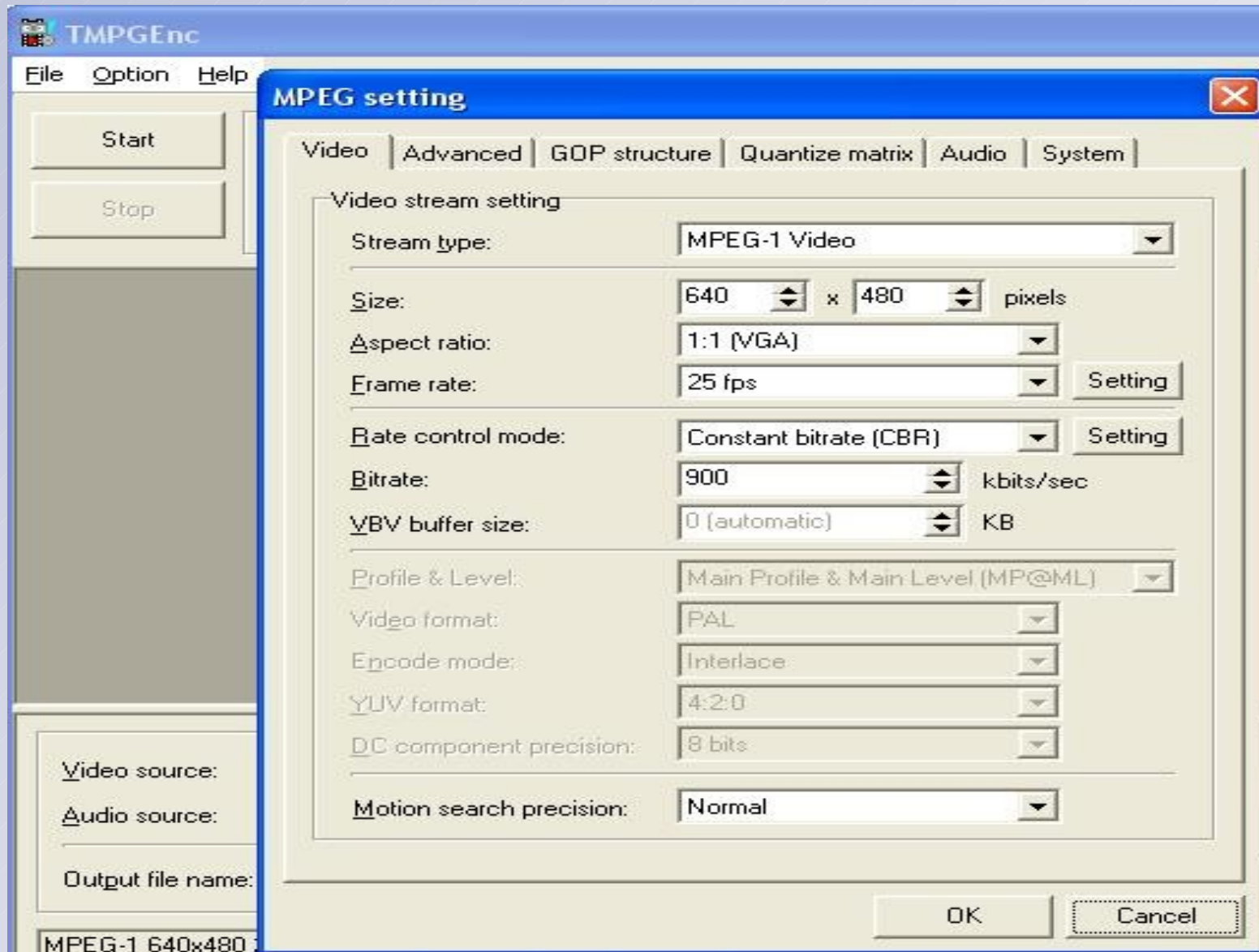
<http://audacity.sourceforge.net/> redigera ljud filer



<http://www.tmpgenc.net/>



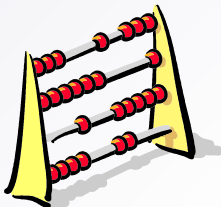
Tmpegenc settings



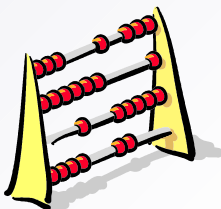
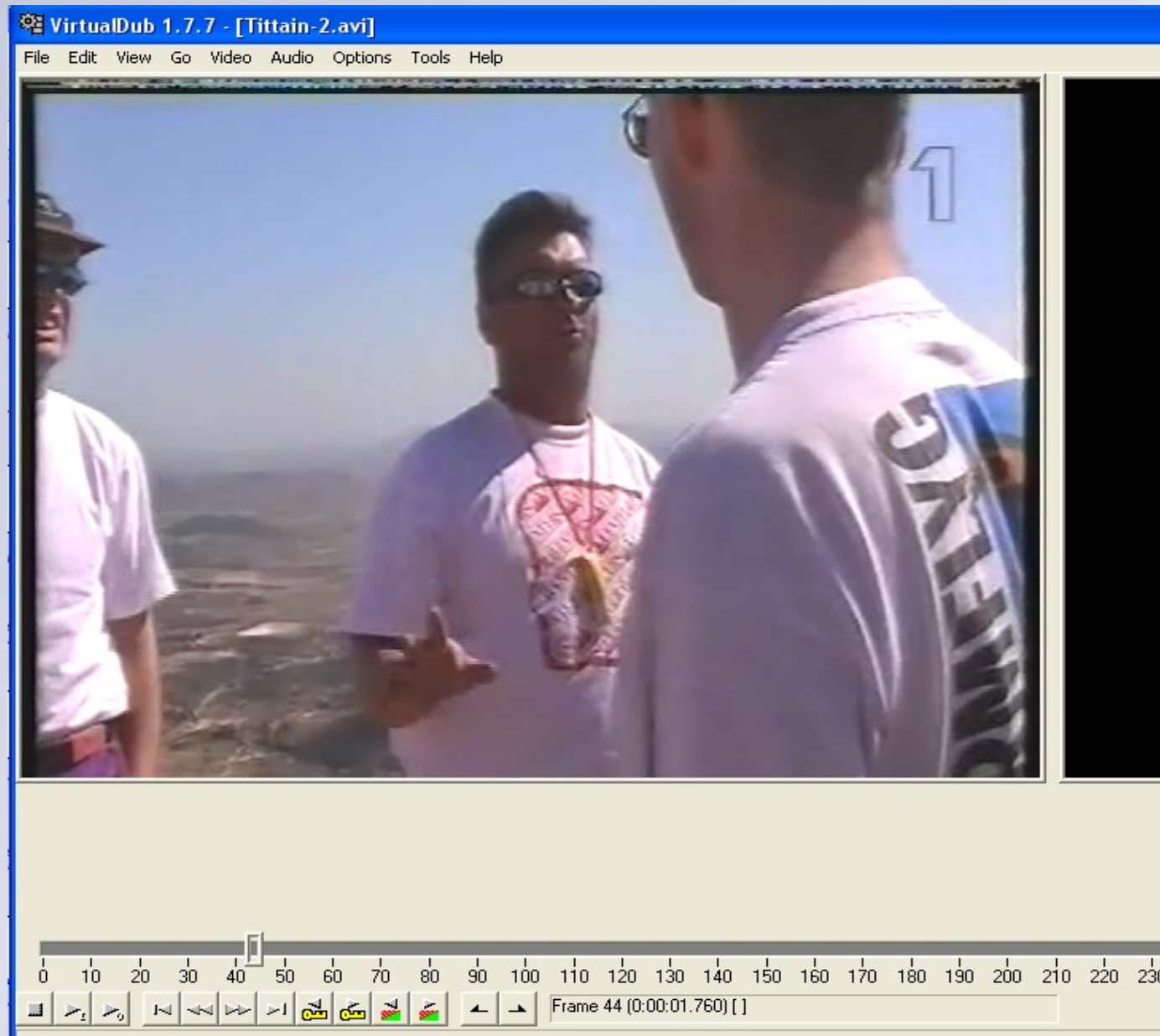
Jag använder en gammal tmpgenc

Maila mig för mer info

Sven.Adner@gmail.com



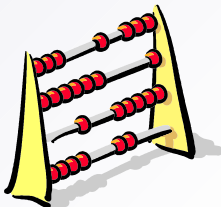
<http://www.virtualdub.org/>



<http://www.virtualdub.org/>

Virtualdub är inte något redigerings program
men har några udda finnesser utöver att
det kan klippa och konvertera mellan olika format.

Ex så kan det rotera en film 90 grader
en bra finness efter att man lånat ut sin kamera till
en ovan fotograf som filma hela sekvensen i porträtt läge.



Kolla in filter

Add Filter

2:1 reduction (high quality)	(internal)
2:1 reduction	(internal)
blur more	(internal)
blur	(internal)
box blur	(internal)
brightness/contrast	(internal)
chroma smoother	(internal)
deinterlace	(internal)
emboss	(internal)
field bob	(internal)
field swap	(internal)
fill	(internal)
flip horizontally	(internal)
flip vertically	(internal)
general convolution	(internal)
grayscale	(internal)
HSV adjust	(internal)

Add Filter

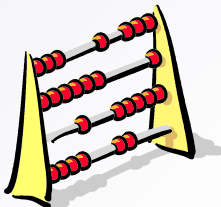
HSV adjust	(internal)
invert	(internal)
levels	(internal)
logo	(internal)
motion blur	(internal)
null transform	(internal)
perspective	(internal)
resize	(internal)
rotate	(internal)
rotate2	(internal)
sharpen	(internal)
smoother	(internal)
temporal smoother	(internal)
threshold	(internal)
TV	(internal)
warp resize	Avery Lee

Filter information

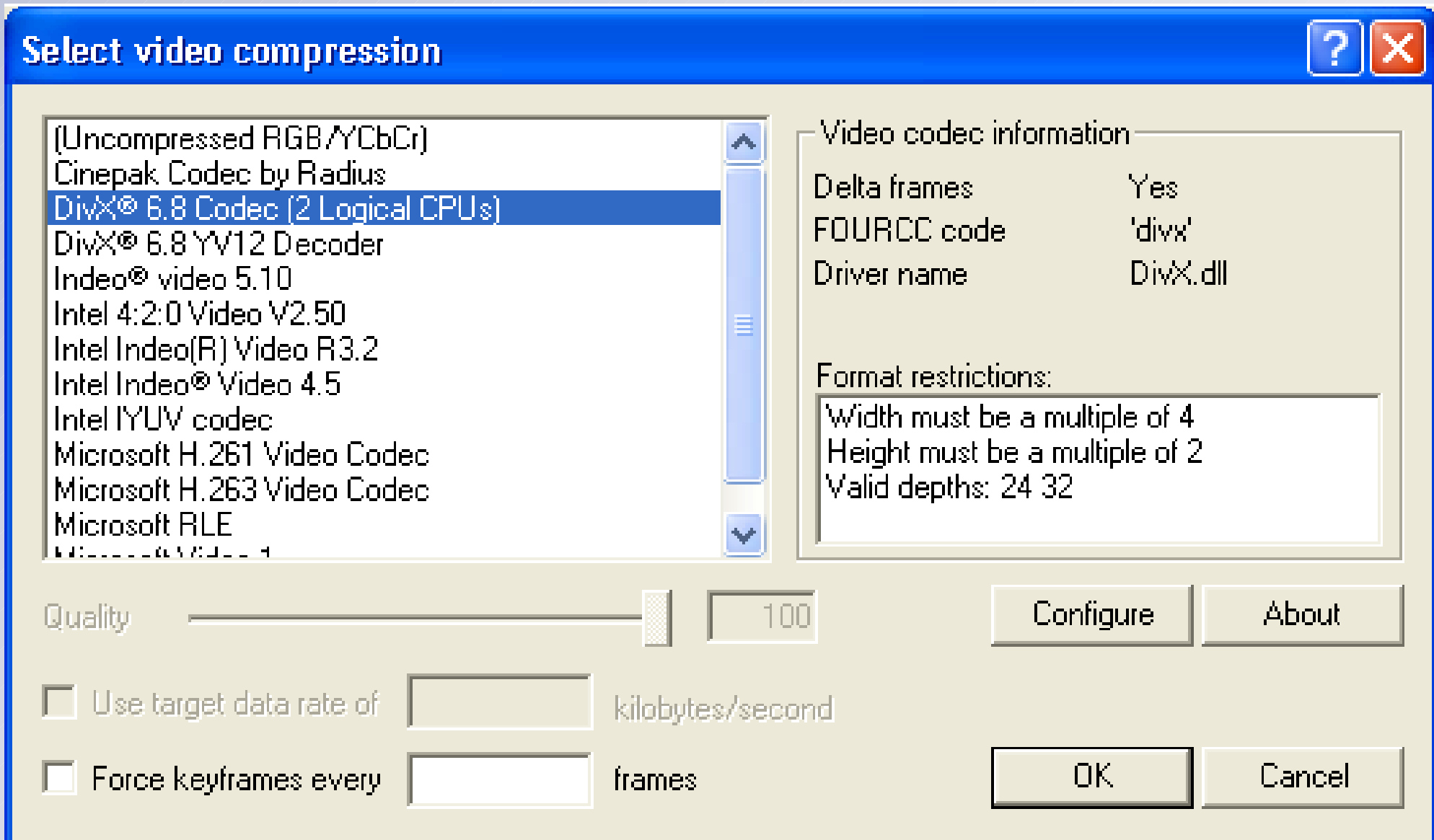
<http://www.virtualdub.org/>

För att få tillgång till DivX codec
ladda ner här

<http://www.divxmovies.com/codec/>
välj att installera codec enbart



<http://www.virtualdub.org/>





DivX® Community Codec v.6.8

6

Enjoy high-definition DivX video. DivX Certified HD DVD players now in stores!

Main | Codec | Video | Try DivX Pro

Certification Profile

Home Theater Profile

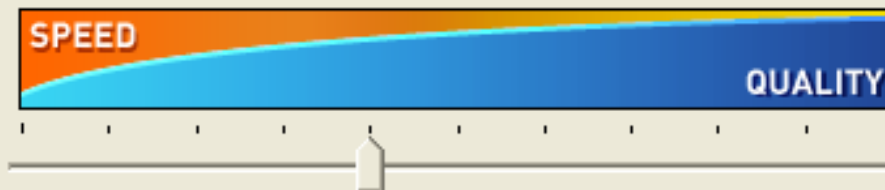


The Home Theater profile assures playback of DivX® video on certified devices such as DVD players, set-top boxes, and cameras that support resolutions up to 720 x 480 at 30fps or 720 x 576 at 25fps.

Encoding presets

 Use presets to configure the encoder

4



Rate control

Rate control mode:

1-pass

Bitrate:

1250

kbps



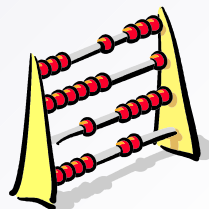
In this mode bitrate is the most significant quality factor. Higher bitrates lead to better quality but larger files.

Advanced

Restore defaults

OK

Cancel





DIVX® Community Codec v.6.8

6

Help us improve the DivX codec - Click here to take our online feedback survey

Main | Codec | Video | Try DivX Pro

Video Resolution

Format in

Square Pixels

PAR 1 : 1

Format out

Square Pixels

PAR 1 : 1

Custom resize: [] x []

Resize to [] pixels wide
with auto format conversion

No resize or format conversion

Resize filter:

Bilinear (very soft)

Cropping



Image Processing

Noise Reduction

Off

Quantization

H.263 Optimized

Browse Matrices

Interlace

De-interlace source

Top field first

Psychovisual Enhancements

Off

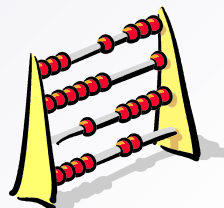
Enhance I-blocks

Advanced

Restore defaults

OK

Cancel



Select audio compression

<No compression (PCM)>
ACELP.net
CCITT A-Law
CCITT u-Law
DSP Group TrueSpeech(TM)
GSM 6.10
IAC2
IMA ADPCM
Messenger Audio Codec
Microsoft ADPCM
Microsoft G.723.1
MPEG Layer-3
Windows Media Audio V1
Windows Media Audio V2

56 kBit/s, 24,000 Hz, Stereo	7KB/s
48 kBit/s, 24,000 Hz, Stereo	6KB/s
40 kBit/s, 24,000 Hz, Stereo	5KB/s
56 kBit/s, 22,050 Hz, Stereo	7KB/s
48 kBit/s, 22,050 Hz, Stereo	6KB/s
40 kBit/s, 22,050 Hz, Stereo	5KB/s
56 kBit/s, 16,000 Hz, Stereo	7KB/s
48 kBit/s, 16,000 Hz, Stereo	6KB/s
40 kBit/s, 16,000 Hz, Stereo	5KB/s
32 kBit/s, 16,000 Hz, Stereo	4KB/s
32 kBit/s, 12,000 Hz, Stereo	4KB/s
24 kBit/s, 12,000 Hz, Stereo	3KB/s
20 kBit/s, 12,000 Hz, Stereo	3KB/s
18 kBit/s, 12,000 Hz, Stereo	3KB/s

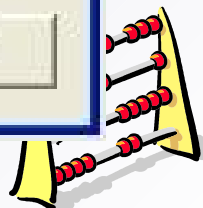
 Show all formats

Format information

Format ID
Bytes per block
Data rate
Granularity

OK

Cancel



Select audio compression

<No compression (PCM)>
ACELP.net
CCITT A-Law
CCITT u-Law
DSP Group TrueSpeech(TM)
GSM 6.10
IAC2
IMA ADPCM
Messenger Audio Codec
Microsoft ADPCM
Microsoft G.723.1
MPEG Layer-3
Windows Media Audio V1
Windows Media Audio V2

56 kBit/s, 24,000 Hz, Stereo	7KB/s
48 kBit/s, 24,000 Hz, Stereo	6KB/s
40 kBit/s, 24,000 Hz, Stereo	5KB/s
56 kBit/s, 22,050 Hz, Stereo	7KB/s
48 kBit/s, 22,050 Hz, Stereo	6KB/s
40 kBit/s, 22,050 Hz, Stereo	5KB/s
56 kBit/s, 16,000 Hz, Stereo	7KB/s
48 kBit/s, 16,000 Hz, Stereo	6KB/s
40 kBit/s, 16,000 Hz, Stereo	5KB/s
32 kBit/s, 16,000 Hz, Stereo	4KB/s
32 kBit/s, 12,000 Hz, Stereo	4KB/s
24 kBit/s, 12,000 Hz, Stereo	3KB/s
20 kBit/s, 12,000 Hz, Stereo	3KB/s
18 kBit/s, 12,000 Hz, Stereo	3KB/s

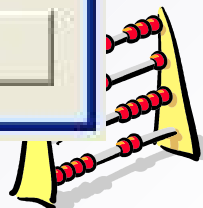
 Show all formats

Format information

Format ID	0x0055
Bytes per block	1 bytes
Data rate	3000 bytes/sec
Granularity	3000.0 blocks/sec

OK

Cancel



VirtualDub 1.7.7

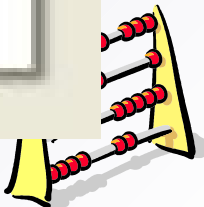
File Edit View Go Video Audio Options Tools Help

Filters... Ctrl+F
Frame Rate... Ctrl+R
Color Depth...
Compression... Ctrl+P
Select Range...

Direct stream copy
Fast recompress
Normal recompress
● Full processing mode

Smart rendering
Preserve empty frames

Copy source frame to clipboard Ctrl+1
Copy output frame to clipboard Ctrl+2
Scan video stream for errors....
Error mode...





VirtualDub 1.7.7

File Edit View Go Video **Audio** Options Tools Help

Interleaving... Ctrl+I

Compression...

Use advanced filtering

Filters...

Conversion... Ctrl+N

Volume...

No audio

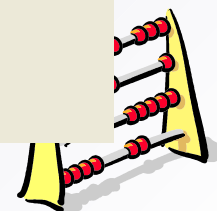
Source audio

WAV Audio...

Direct stream copy

Full processing mode

Error mode...





Audio Conversion



Sampling rate

- No change
- 8000Hz
- 11025Hz
- 16000Hz
- 22050Hz
- 44100Hz
- 48000Hz

Custom

High quality

Precision

- No change
- 8-bit
- 16-bit

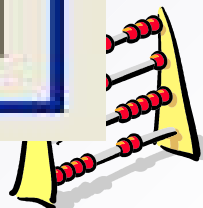
Channels

- No change
- Mono
- Stereo
- Left
- Right

Bandwidth required: (unknown)

OK

Cancel



www.headbands.com/gspot/

GSpot v2.70a: Tittain-2

File System Options Tables Help

GSpot

File

Path: C:\Film\Tittain-2.avi
Size: 1.14 MB (1,173 KB / 1,201,198 byte) 1/1

Container

File Length Correct
DivX Style "packed bitstream" AVI
OpenDML (AVI v2.0)
Interleave: 1 vid frame (40 ms), preload=1044
Audio frames: Split across interleaves

User Data / Metadata

[JUNK] VirtualDub build 28346/release
[USER] DivX503b2510p

Audio

Codec: 0x0055 MPEG-2 Layer 3 CBR VBR
Info: 22050Hz 24 kb/s, Monophonic
Stat: Codec(s) Installed

Video

c, S
Codec: DX50 Name: DivX 5.x/6.x MPG2 MP4 H264
Status: Codec(s) are Installed

AVI DV NVOP PVOP BVOP GHO I709 FCC I470
PB DF OPBL S170 S240

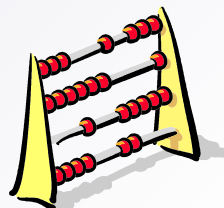
IPBS 53% 46%

Len: 0:11.280 Frms: 282 kbps: 811 Qf: 0.106
Pics/s: 25.000 Frames/s: 25.000 Fields/s
PROG I/L TFF BFF PPF B:2 PAL NTSC

d
pic (w x h): 640 x 480 seq ext 4:3 16:9
sar: 1.333 (4:3) par: 1.000 (1:1) dar: 1.333 (4:3)
Resizing: + AVI - VCD SVCD DVD CVD
1 4:3 16:9
2 info

Proposed Codec Solutions and Tests

GSpot		MS
Vid	Aud	A/V
1	1	1
2	2	2
3	3	



Allt detta finns på

<http://arkiv.vsk.info>
under div_filer

Sven Adner

v7 20080229

