EMD – Enzensberger Multimedia Development

EMD Composite FileWriter   1.0.0.1

Limitation of this version:
Only two encoder codecs are supported:

Mpeg4: 3ivx codecs   http://www.3ivx.com

Mpeg2: mainconcept encoder   http://www.mainconcept.com

In general, it is possible to use any codec you have installed !

Overview:

EMD Composite FileWriter filter is a special DirecShow FileWriter filter to be able to "Pause" capture graphs connected to live audio/video sources.

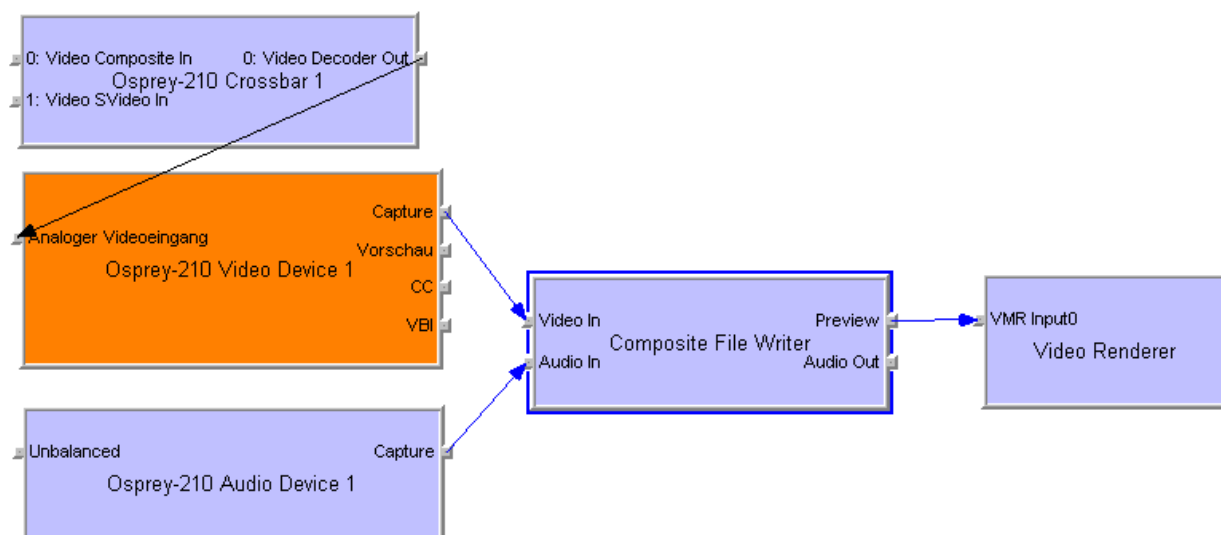Run mode: audio/video samples/frames are recorded to specified capture file.
Pause mode: no more samples/frames are recorded while preview is still running.
Run mode: after switch from pause to run mode again, new samples/frames are recorded to same capture file using append mode.

How to use EMD Composite FileWriter filter – short description for test with GraphEdit app.
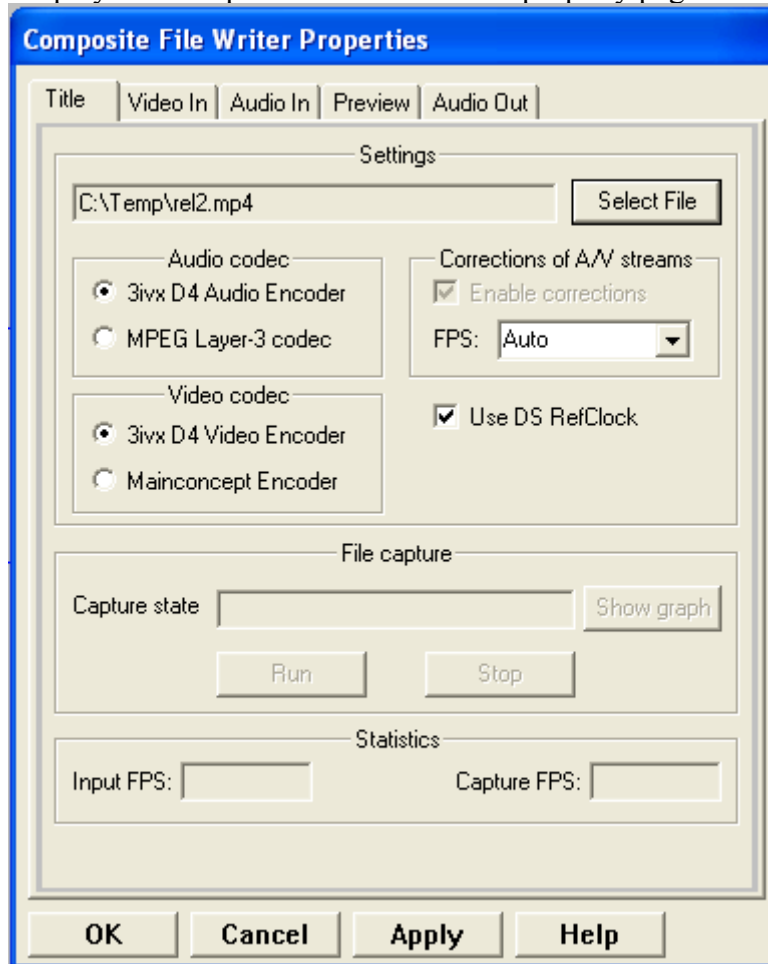
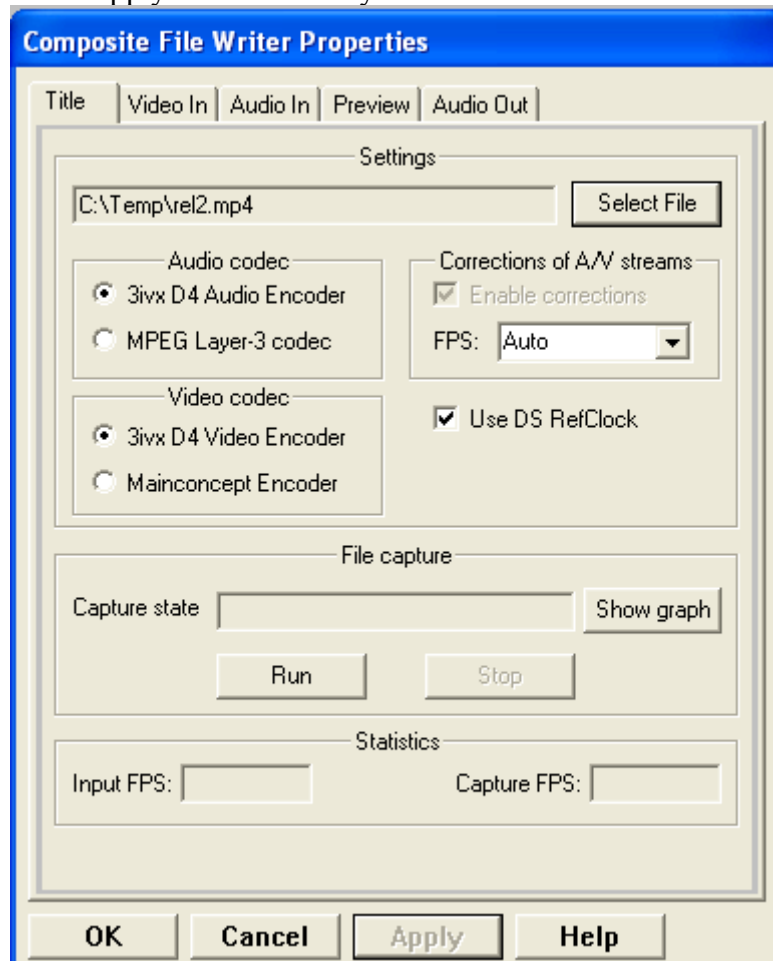*Step 1:*
Use GraphEdit to build similar source graph

Step 2:
Display the Composite FileWriter filter property page

Select codec and capture file name (<SelectFile> button)

Step 3:
Use <Apply> button to set your selections.

Composite File Writer Properties

Title | Video In | Audio In | Preview | Audio Out

Settings

C:\Temp\rel2.mp4   Select File

Audio codec
○ 3ivx D4 Audio Encoder
○ MPEG Layer-3 codec

Corrections of A/V streams
☑ Enable corrections

FPS: Auto ▾

Video codec
● 3ivx D4 Video Encoder
○ Mainconcept Encoder

☑ Use DS RefClock

File capture

Capture state [   ]   Show graph

Run   Stop

Statistics

Input FPS: [   ]   Capture FPS: [   ]

OK   Cancel   Apply   Help
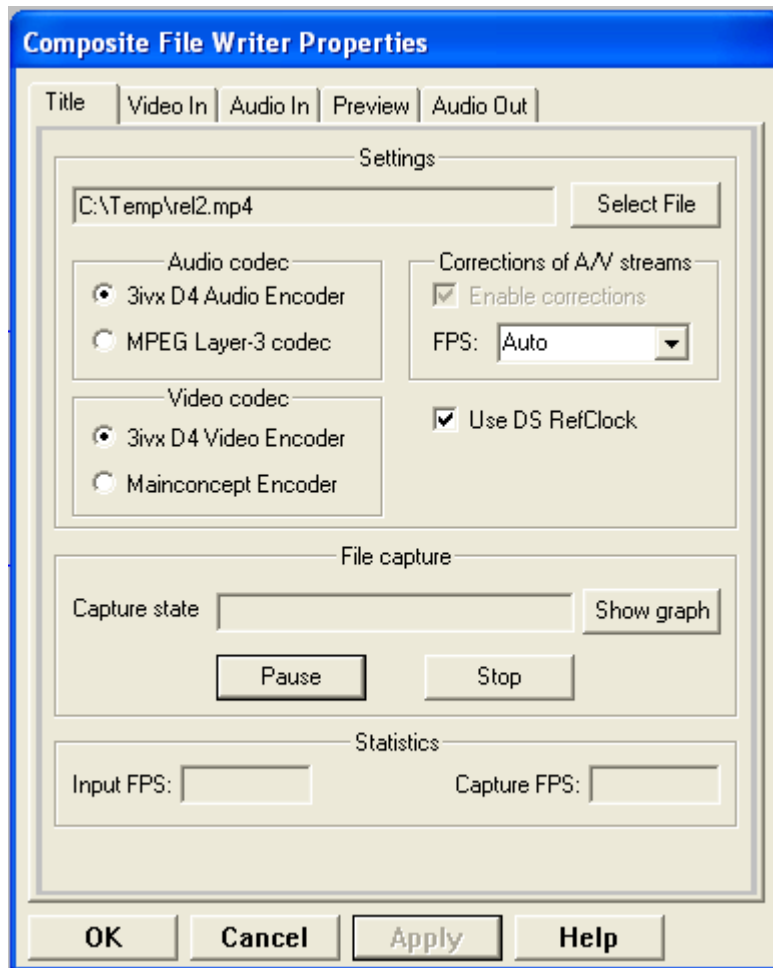
Now the <Run> button is enabled.

Step 4:
Press "Run" button on property page. Name of this button depends from
capture state: if capture running then it's name is "Pause" and vice versa

Composite File Writer Properties

Title | Video In | Audio In | Preview | Audio Out

Settings

C:\Temp\rel2.mp4   Select File

Audio codec
○ 3ivx D4 Audio Encoder
○ MPEG Layer-3 codec

Corrections of A/V streams
☑ Enable corrections
FPS: Auto ▼

Video codec
○ 3ivx D4 Video Encoder
○ Mainconcept Encoder

☑ Use DS RefClock

File capture

Capture state [   ]   Show graph

Pause   Stop

Statistics

Input FPS: [   ]   Capture FPS: [   ]

OK   Cancel   Apply   Help

Press "Play the Graph" button on GraphEdit toolbar. Capturing started

Step 5:
Press "Pause" button on property page.
Wait some time.
Press "Run" button on property page.

Step 6:
Press "Stop" button on property page. File will be closed.