

Creating a DVD Disk  
with  
Sony Vegas and  
Sony DVD Architect

Sydney Video Makers Focus night 13  
March 2013

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Creating a DVD Disk is a Multi Part Process:

***Sony Vegas : EDIT*** *This tutorial does not cover EDITING.  
EDIT your video with all scene selections, cuts, fades,  
key sound, sound mix, narration, titles, etc.*

***Sony Vegas : RENDER***

Create new complex files of your edit

***DVD Architect;***

Combine these rendered components to a single  
DVD Disk

Creating a DVD Disk is a Multi Part Process:

***SONY VEGAS:***

**RENDER** Video and Audio components of your masterpiece to special output files.

(Create new complex files of your edit)

***DVD Architect;***

Combine these rendered components to a single DVD Disk using DVD Architect.

Add embellishments to your DVD Disk

**PREPARE and BURN** the DVD Disk

Creating a DVD Disk is a Multi Part Process:

***Sony Vegas;***      *This tutorial does not cover EDITING.*  
*EDIT your video with all scene selections, cuts,*  
*fades, key sound, sound mix, narration, titles,*  
*etc.*

**RENDER** (Create new complex files of your edit)  
Video and Audio components of your  
masterpiece to special output files files.

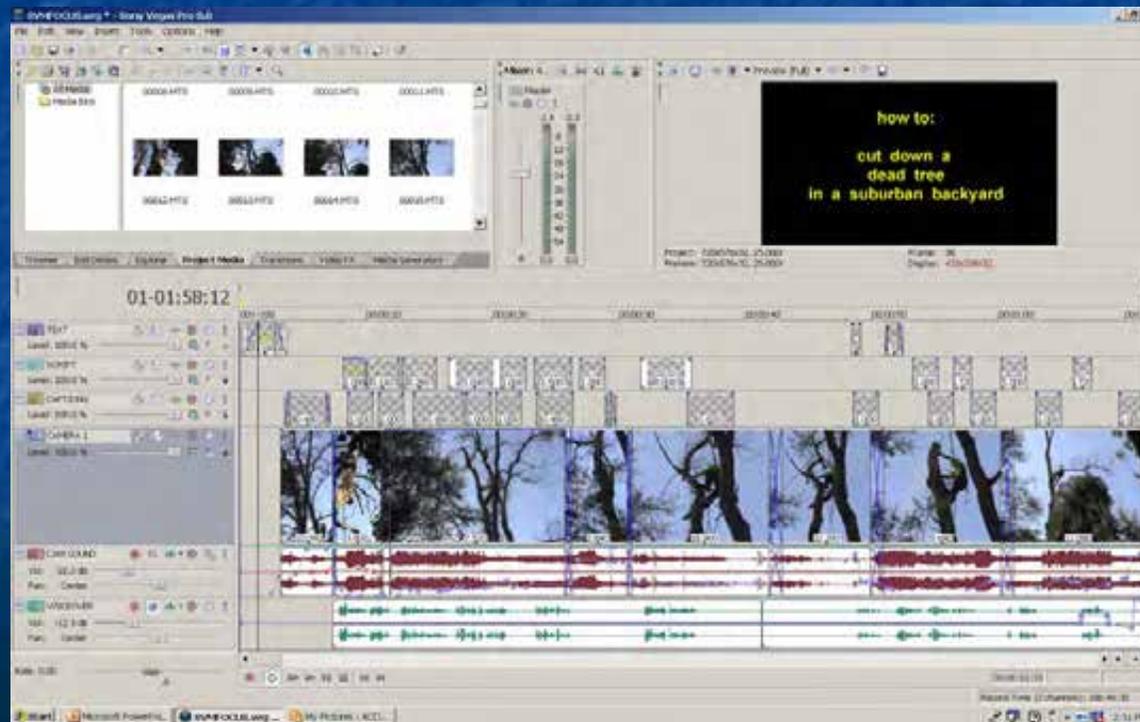
***DVD Architect;***

Combine these rendered components to a single  
DVD Disk using DVD Architect.

Add embellishments to your DVD Disk  
PREPARE and BURN the DVD Disk

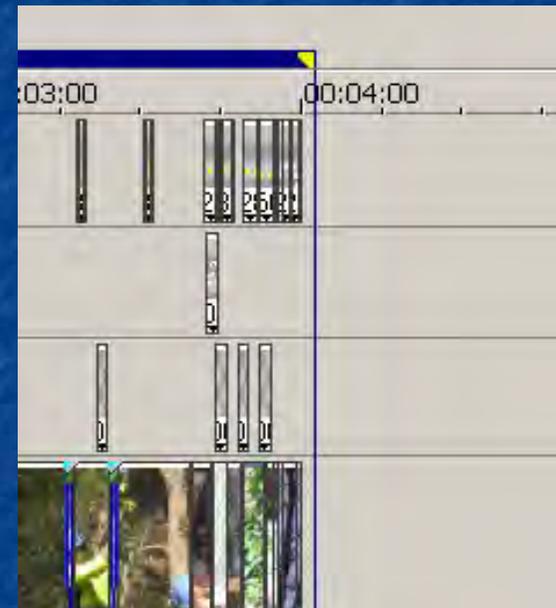
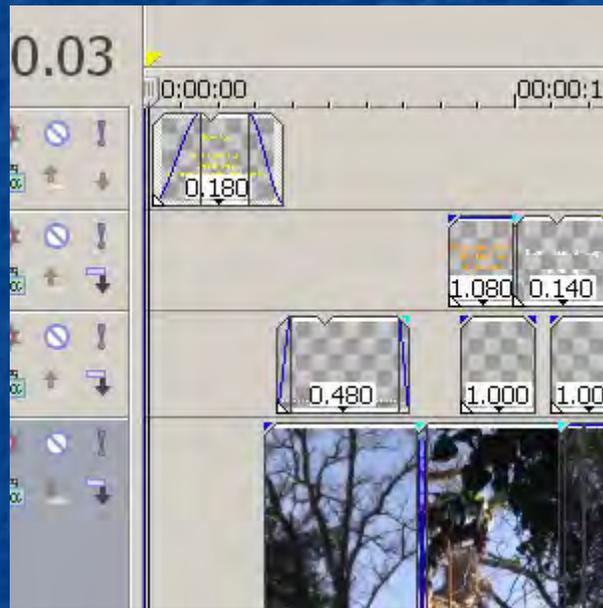
# START Sony Vegas

- Edit your video with all scene selections, cuts, fades, key sound, sound mix, narration, titles, etc



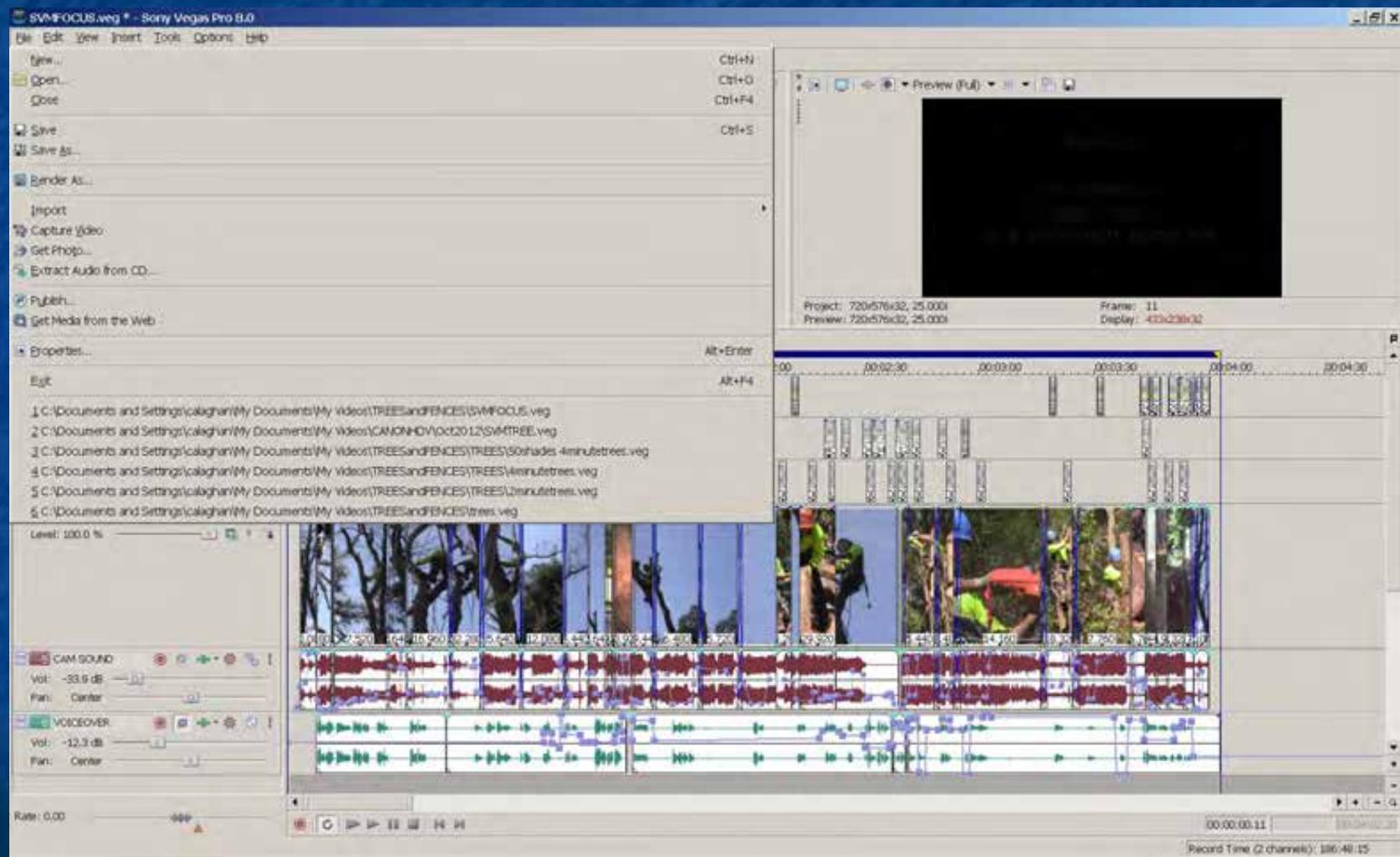
When your edit is complete

Select your "IN" point and "OUT" point

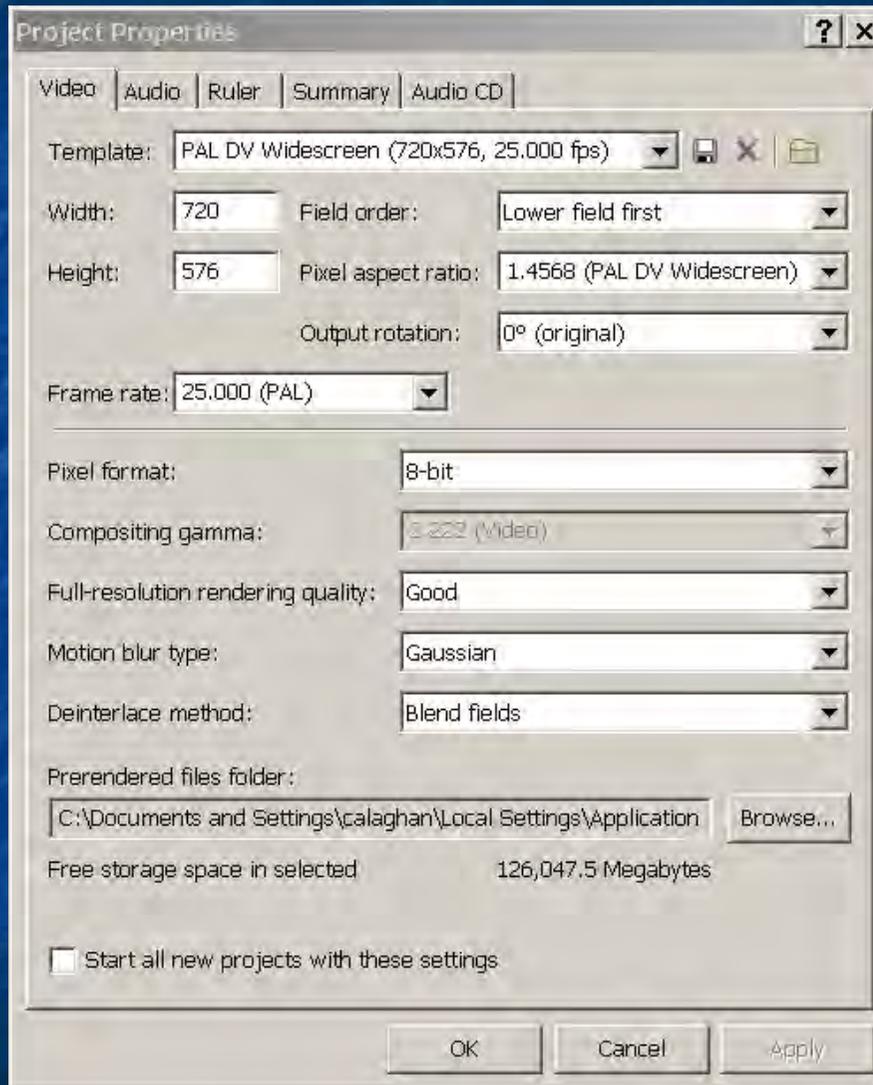


Before you begin to "Render" the file..

Click on "File" ... then "Properties"



Ensure your project properties are correct



**SAVE your Vegas file !**

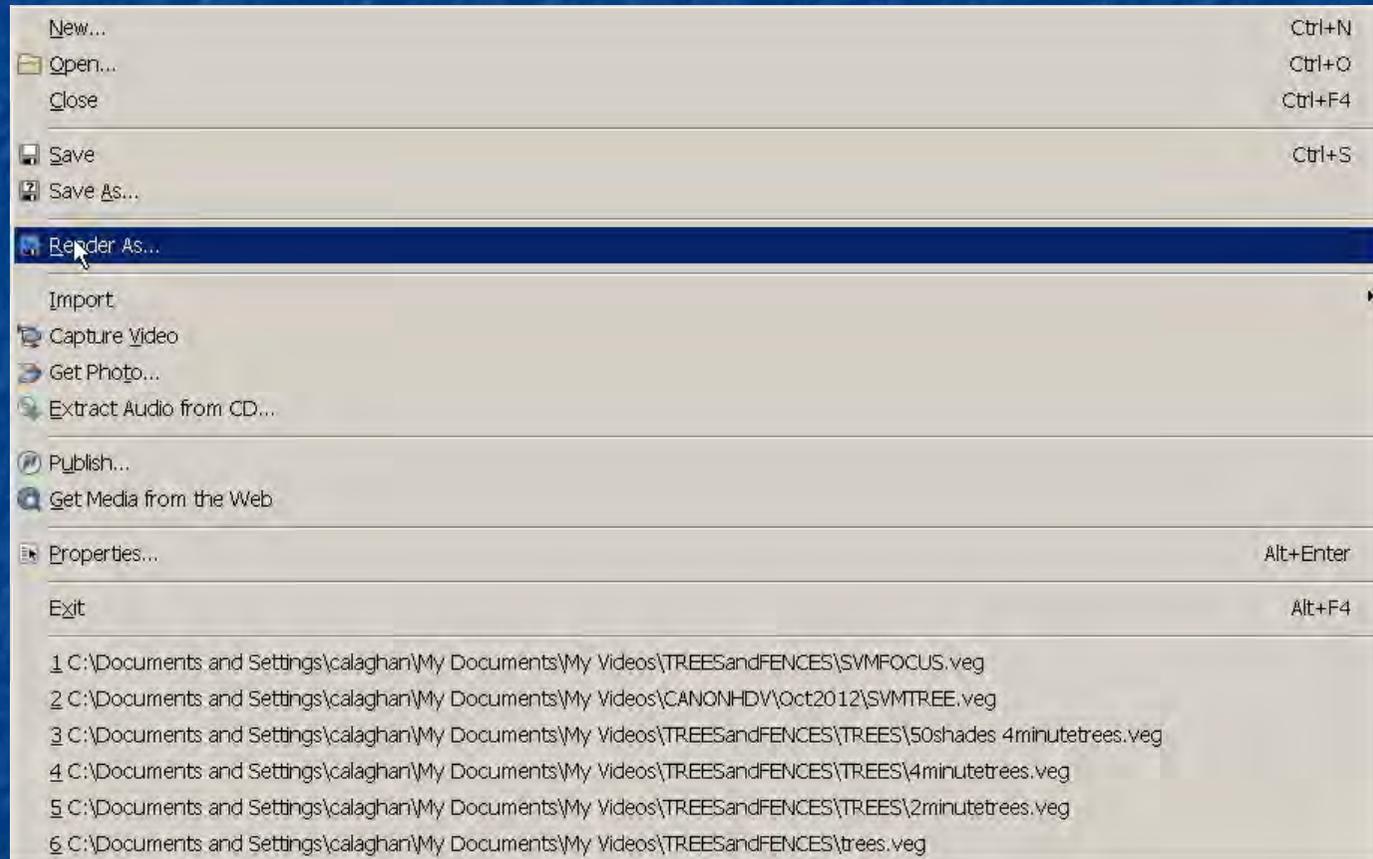
**SAVE your Vegas file !!**

**SAVE your Vegas file !!!**

This will be your **main copy** of the edited file

Now we are ready to "Render" the file

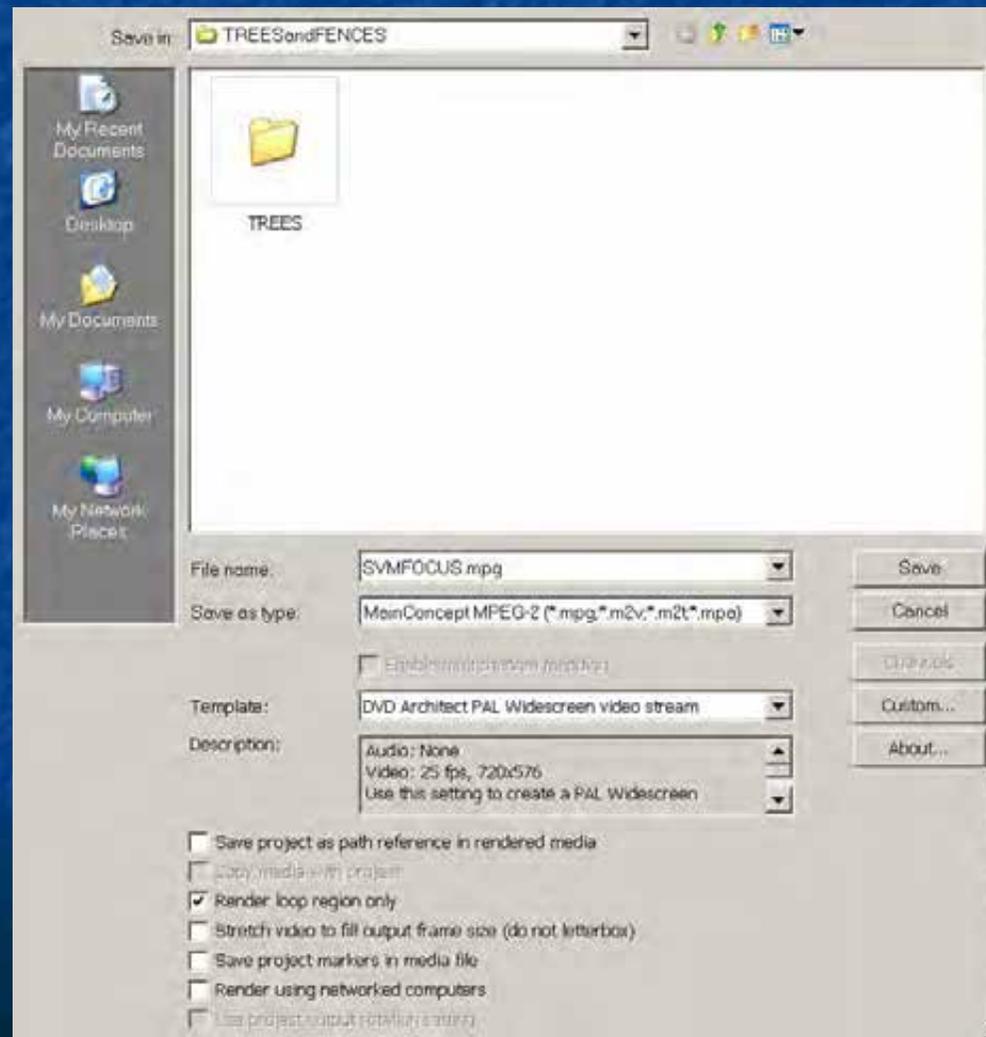
Click on "File" .... then click on "Render As"



## VIDEO:

Choose the type of VIDEO file suitable for import into 'DVD Architect'

Click in "Save as type" (Use the MainConcept MPEG-2)



Select "MainConcept MPEG-2" this is compatible with DVD Architect

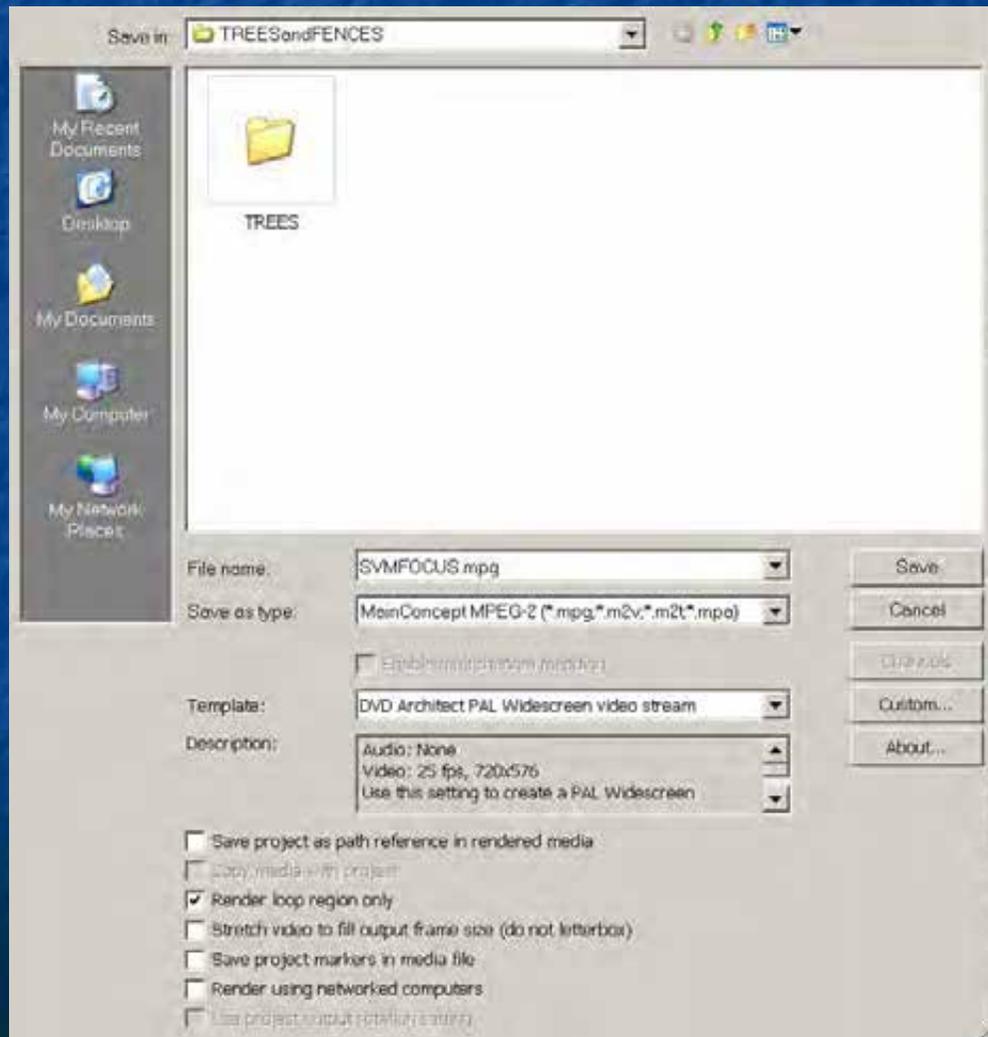
- ATRAC Audio (\*.aa3)
- Audio Interchange File Format (AIFF) (\*.aif)
- Dolby Digital AC-3 Pro (\*.ac3)
- Dolby Digital AC-3 Studio (\*.ac3)
- FLAC (\*.flac)
- MainConcept AVC/AAC (\*.mp4)
- MainConcept MPEG-1 (\*.mpg)
- MainConcept MPEG-2 (\*.mpg;\*.m2v;\*.m2ts;\*.mpa)**
- MP3 Audio (\*.mp3)
- OggVorbis (\*.ogg)
- QuickTime 7 (\*.mov)
- RealMedia 9 (\*.rm)
- Scott Studios Wave (\*.wav)
- Sony AVC (\*.mp4;\*.m2ts;\*.avc)
- Sony MXF (\*.mxf)
- Sony Perfect Clarity Audio (\*.pca)
- Sony Wave64 (\*.w64)
- Video for Windows (\*.avi)
- Wave (Microsoft) (\*.wav)
- Windows Media Audio V9 (\*.wma)
- Windows Media Video V9 (\*.wmv)

click in the "File Name" window to open up a dialog box

Choose a suitable file name and folder location. (eg 123abc.mpg)

***Make a note of the folder and file name!!***

Check "Render loop region only"



..... Click on "Save"

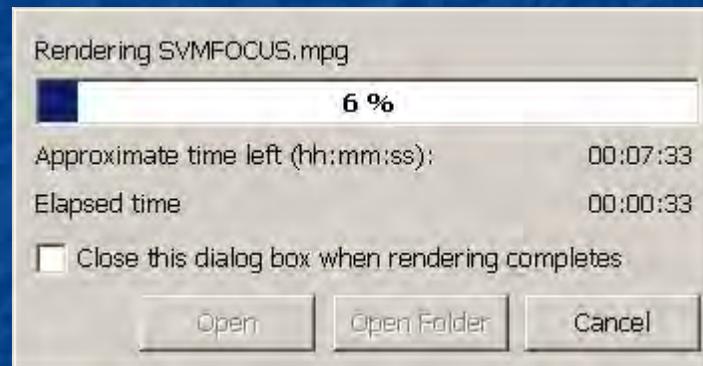
Save

Depending on the complexity, effects, length of the video etc. and the speed of your machine, rendering could take quite a while.

I recommend you do nothing else on the computer while this process is underway.

The dialog box indicates how long to go

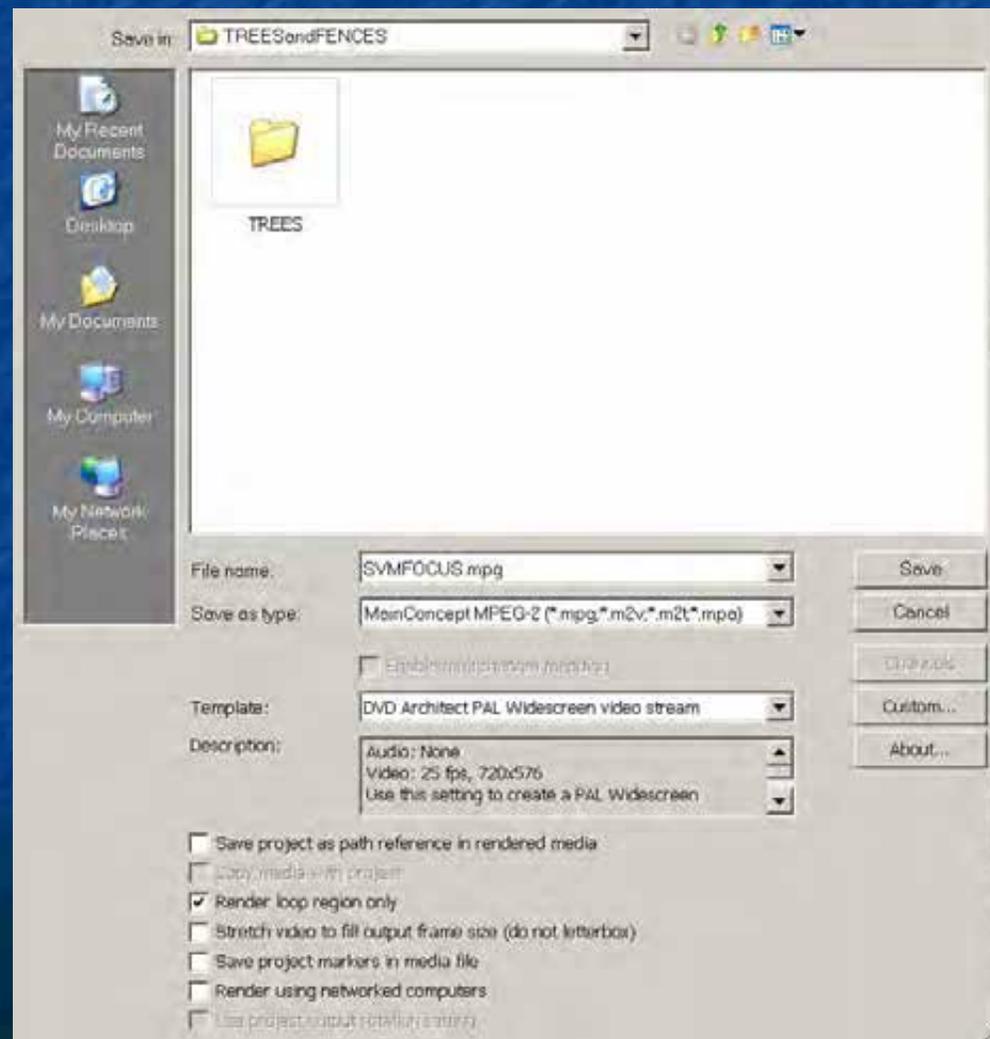
When it finishes you can open the folder to view your file, but at this stage we have only rendered the VIDEO component, there will be no sound attached. ....Next process..



## AUDIO:

Choose the type of AUDIO file suitable for later use in 'DVD Architect'

Click in the "Save as Type" window again



Select "Wave (Microsoft) (\*.wav)"

This is a non-compressed format with highest sound quality.

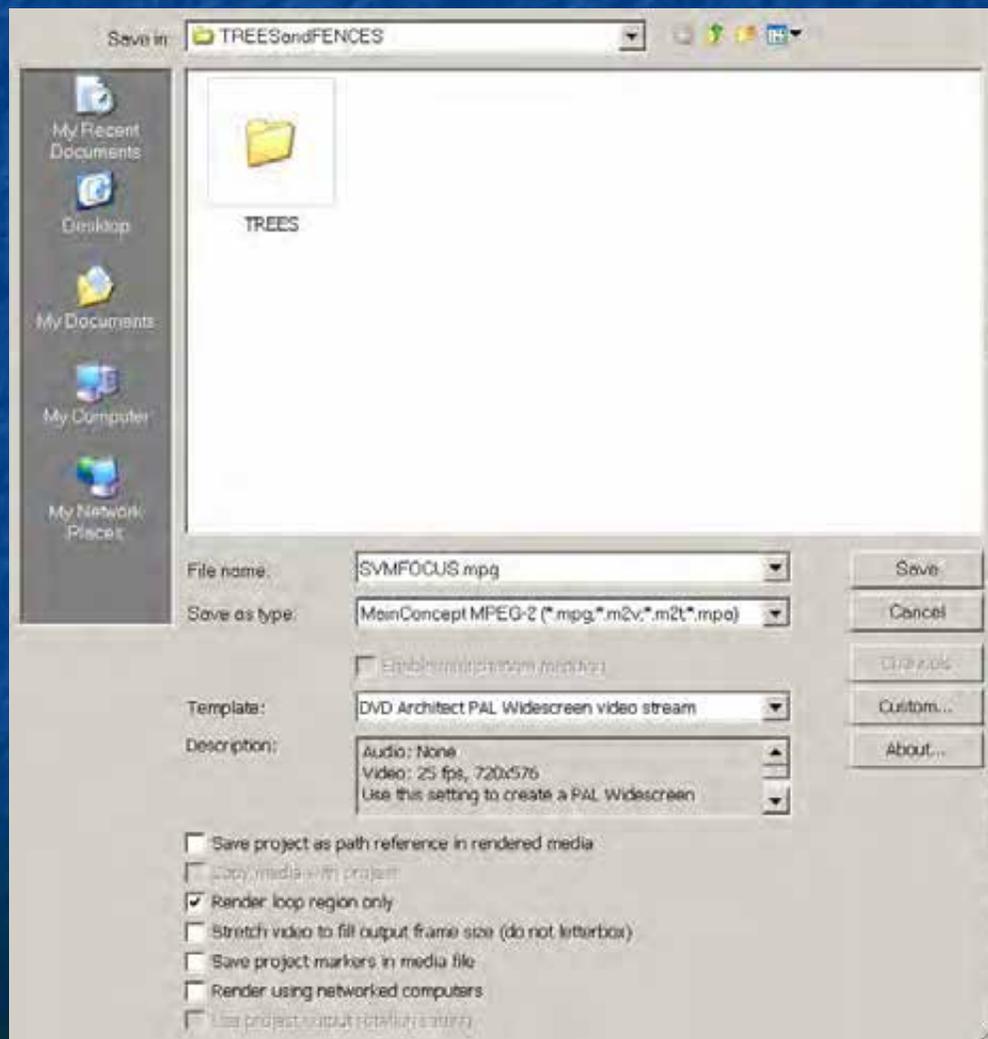


ATRAC Audio (\*.aa3)  
Audio Interchange File Format (AIFF) (\*.aif)  
Dolby Digital AC-3 Pro (\*.ac3)  
Dolby Digital AC-3 Studio (\*.ac3)  
FLAC (\*.flac)  
MainConcept AVC/AAC (\*.mp4)  
MainConcept MPEG-1 (\*.mpg)  
MainConcept MPEG-2 (\*.mpg;\*.m2v;\*.m2t;\*.mpa)  
MP3 Audio (\*.mp3)  
OggVorbis (\*.ogg)  
QuickTime 7 (\*.mov)  
RealMedia 9 (\*.rm)  
Scott Studios Wave (\*.wav)  
Sony AVC (\*.mp4;\*.m2ts;\*.avc)  
Sony MXF (\*.mxf)  
Sony Perfect Clarity Audio (\*.pca)  
Sony Wave64 (\*.w64)  
Video for Windows (\*.avi)  
Wave (Microsoft) (\*.wav)  
Windows Media Audio V9 (\*.wma)  
Windows Media Video V9 (\*.wmv)

click in the "File Name" window to open up a dialog box

Use the **same folder location and file name** as video ("123abc.wav")

Check "Render loop region only" Click on "Save"

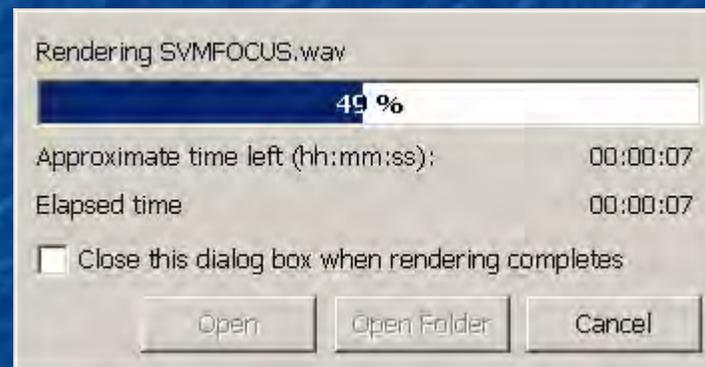


Save

I recommend you do nothing else on the computer while this process is underway.

The dialog box indicates how long to go

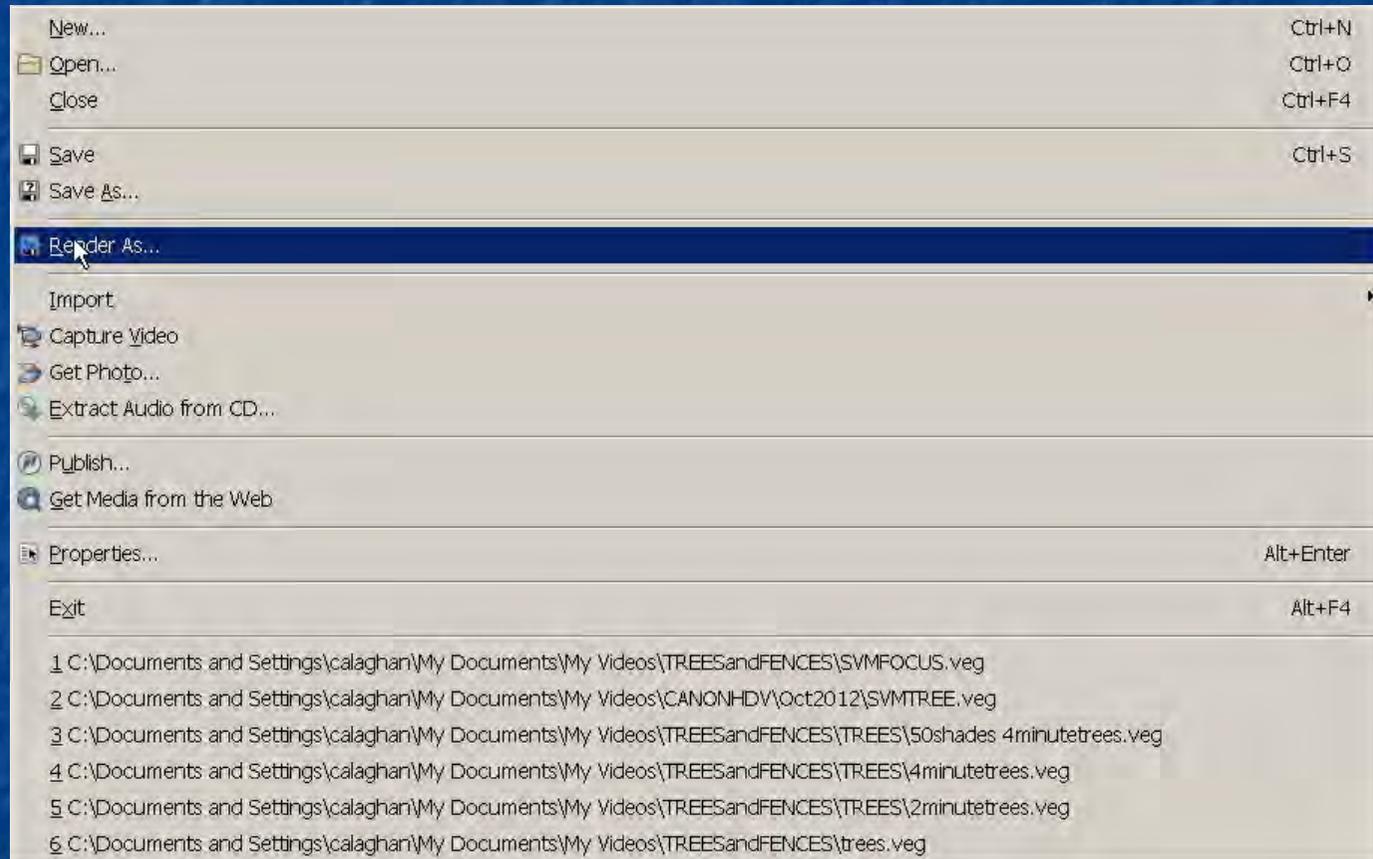
You have now rendered BOTH the Video and Audio components



We also need to “Render” a DATA file for club purposes

We also need to “Render” a DATA file for club purposes

Click on “File” ...then click on “Render As”



Choose "Video for Windows (\*.avi)"

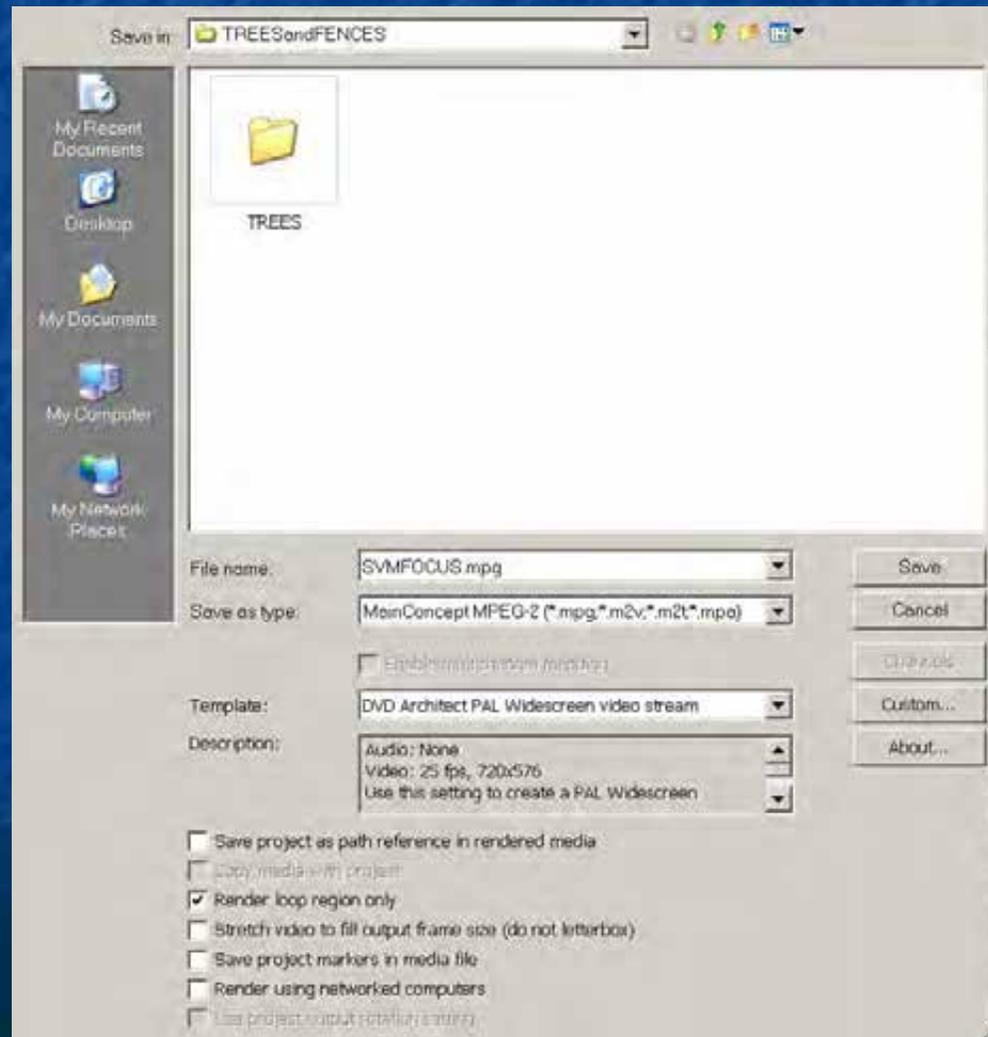
ATRAC Audio (\*.aa3)  
Audio Interchange File Format (AIFF) (\*.aif)  
Dolby Digital AC-3 Pro (\*.ac3)  
Dolby Digital AC-3 Studio (\*.ac3)  
FLAC (\*.flac)  
MainConcept AVC/AAC (\*.mp4)  
MainConcept MPEG-1 (\*.mpg)  
MainConcept MPEG-2 (\*.mpg;\*.m2v;\*.m2t;\*.mpa)  
MP3 Audio (\*.mp3)  
OggVorbis (\*.ogg)  
QuickTime 7 (\*.mov)  
RealMedia 9 (\*.rm)  
Scott Studios Wave (\*.wav)  
Sony AVC (\*.mp4;\*.m2ts;\*.avc)  
Sony MXF (\*.mxf)  
Sony Perfect Clarity Audio (\*.pca)  
Sony Wave64 (\*.w64)  
Video for Windows (\*.avi)  
Wave (Microsoft) (\*.wav)  
Windows Media Audio V9 (\*.wma)  
Windows Media Video V9 (\*.wmv)

Click in the "File Name" window to open up a dialog box

Use the *same* folder location but choose a DIFFERENT file name.

( *NOT* "123abc.avi " ,something similar like "123DATA.avi")

***Make a note of this!!*** This extra video is an .avi, containing vision and sound



,,,click on "Save"

Save

If you want to create a short background clip for your DVD, now is the time to make one. Judges ignore this.

10 to 15 seconds is enough.

(Come back here if you are not sure why this process is needed)

Select your "IN" point and "OUT" point for the short clip.

This will be different from the full video.

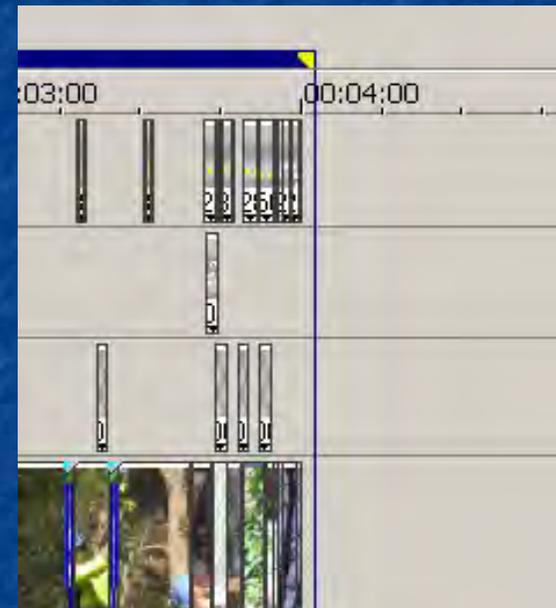
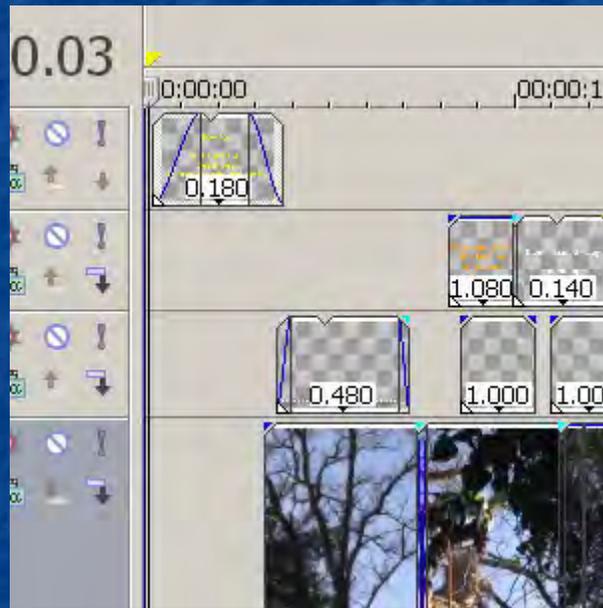
*Some people create a new 30 second "highlights" video for this part.*

You might want to alter the audio, or add a music bed.

Be as creative as you want

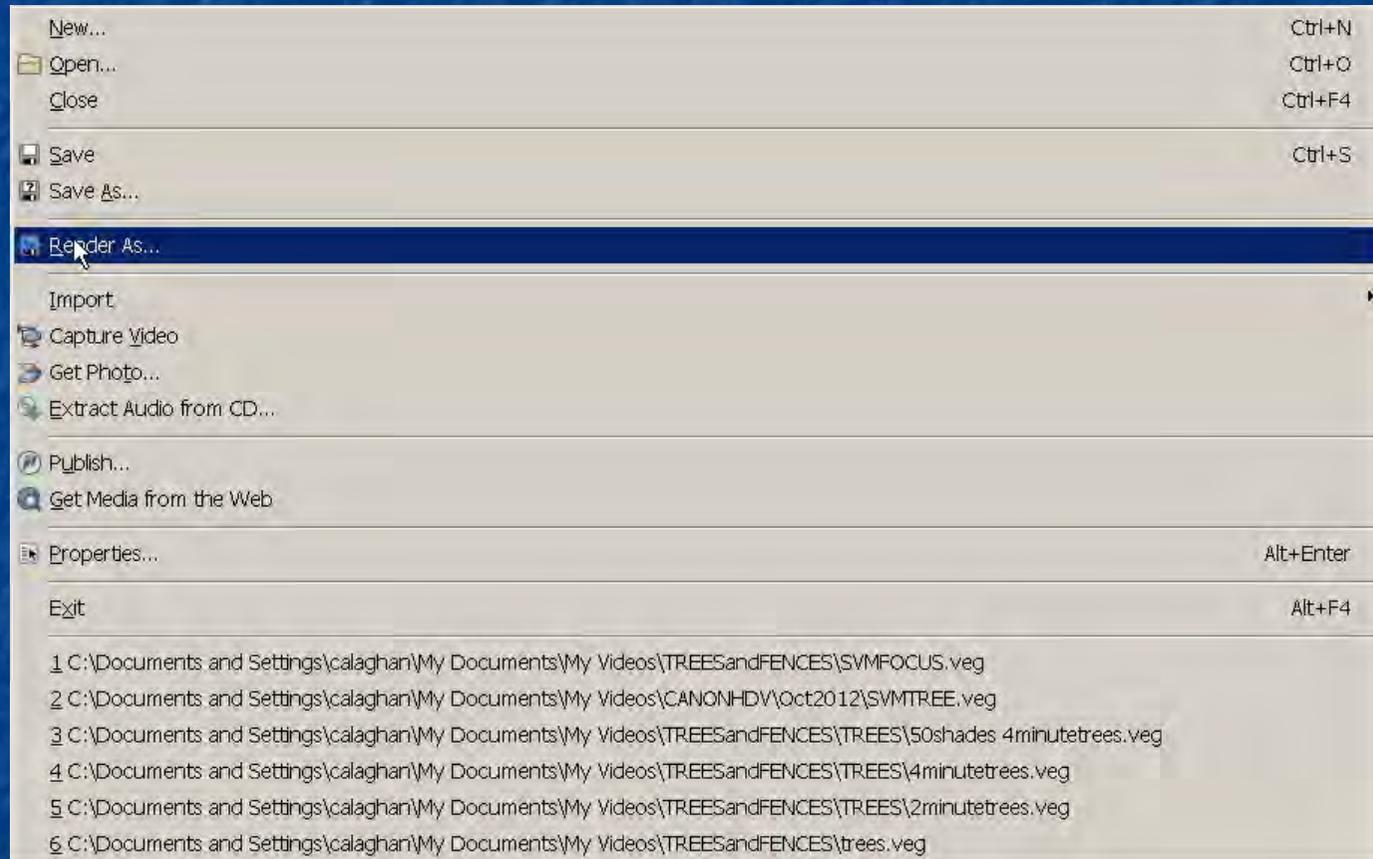
Select your new "IN" point and "OUT" point for the short clip.  
These will be different from the full video.

You might want to alter the audio as well, or add a music bed.



Click on "File" ....then click on "Render As"

This will be an .avi file



click in the "File Name" window to open up a dialog box

Choose a suitable file name eg '123HIGHLIGHTS.avi' and folder location.

***Make a note of this!!***

Check "Render loop region only"



.....

Click on "Save"



SAVE your **Vegas** project file with a DIFFERENT NAME.

("File" "Save as" type in a new project name eg "abchighlight.veg")

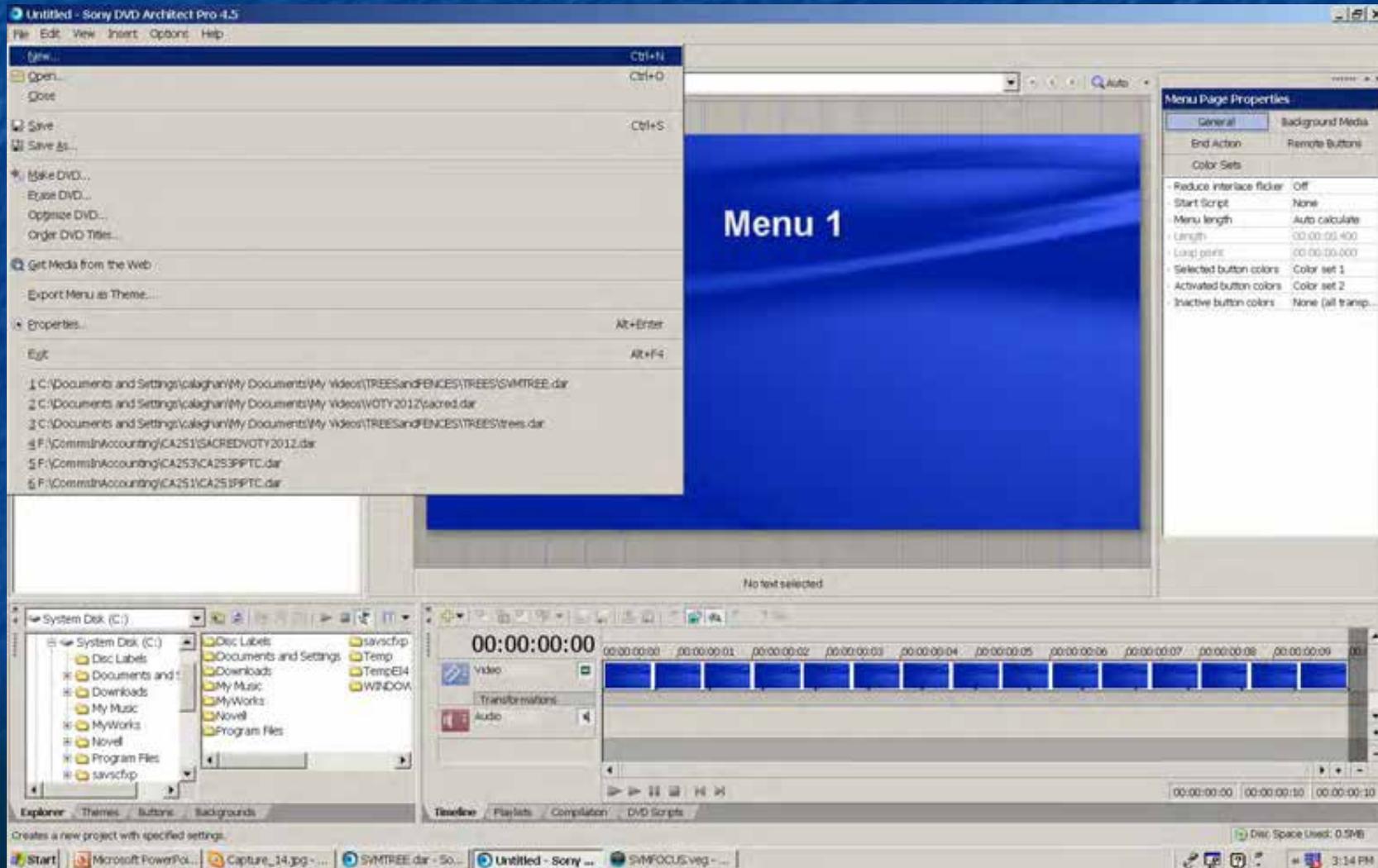
This will be your **second** copy of the edited file with the special clip highlighted

You can now close down Vegas

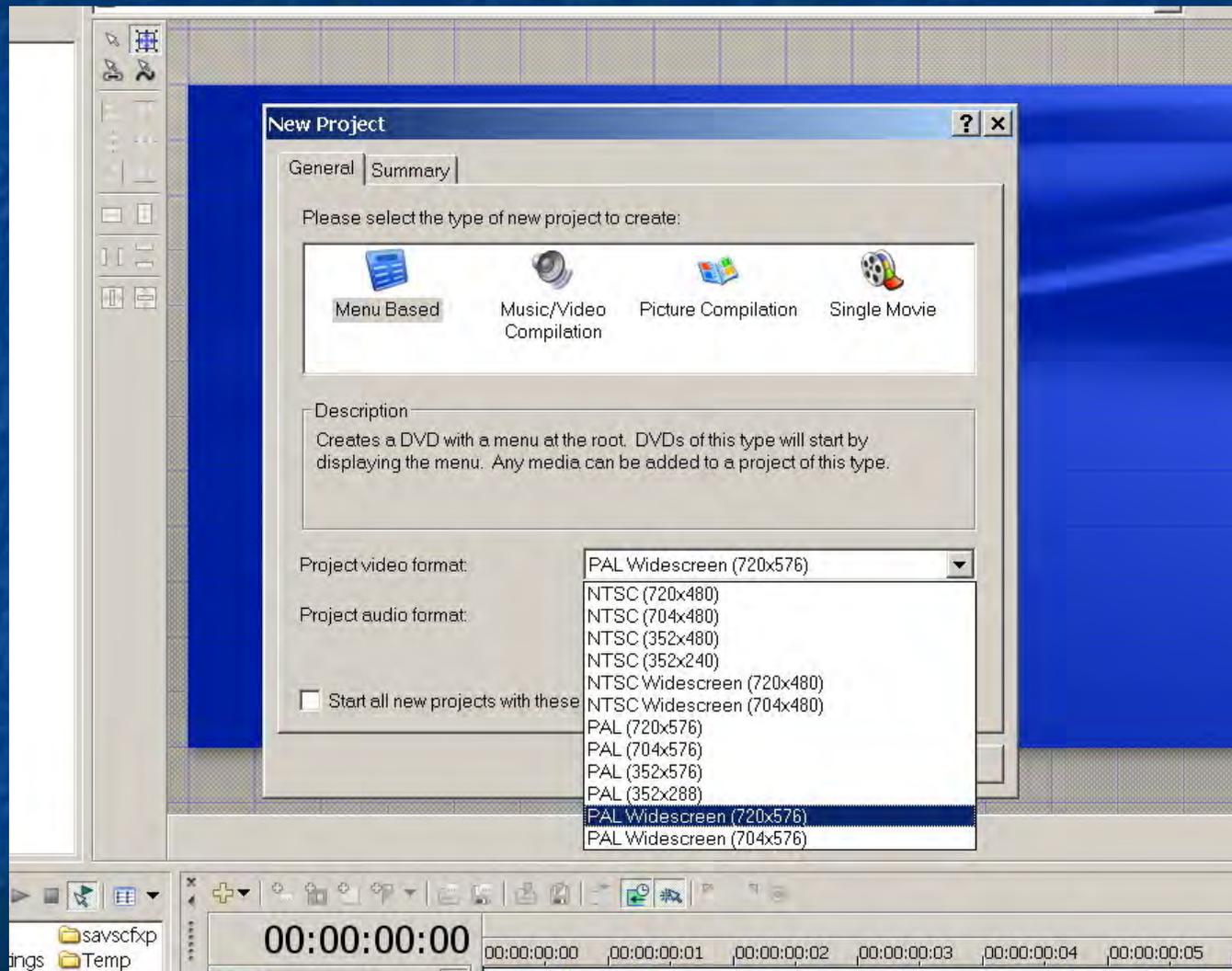
**START DVD Architect**

# START Sony DVD ARCHITECT

Click on "File" ...."New"

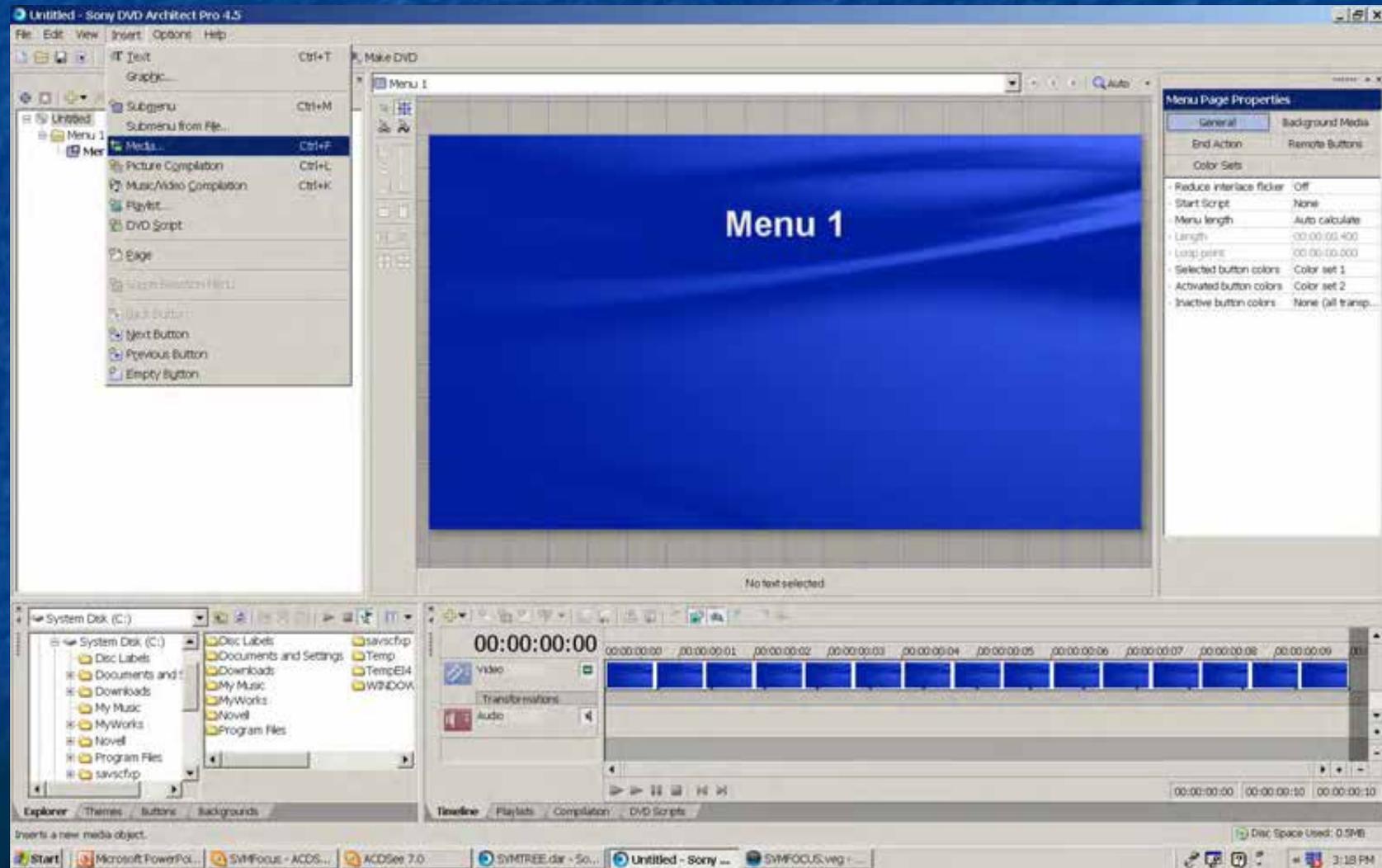


Click on the "Menu Based" (SVM Competition requires a "START")  
choose PAL Widescreen (720x576)

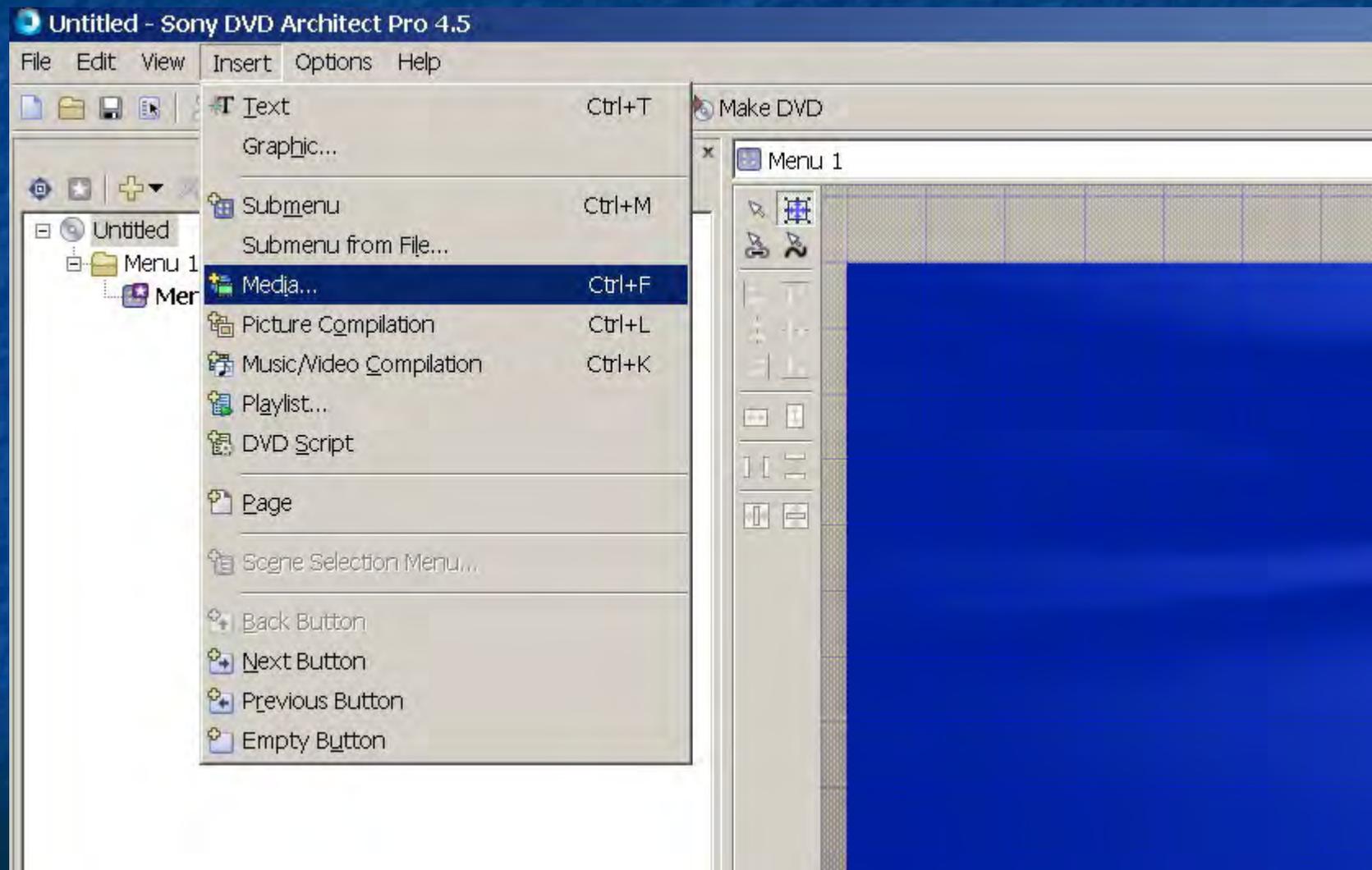


We have created a raw menu screen, but we need to add media

Click on the "Insert" and select "Media"



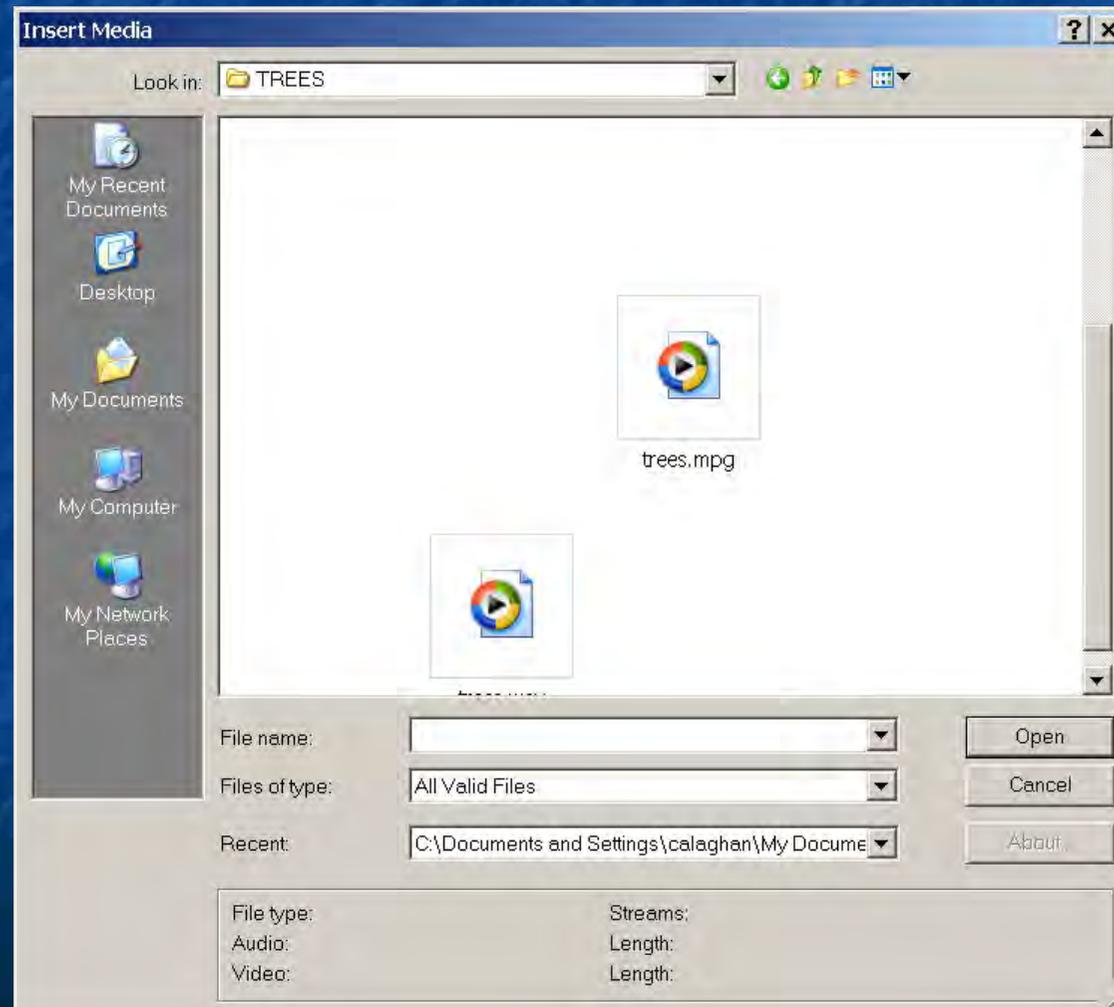
To ADD your Media to the project  
Click on "Insert" and select "Media"



Use the dialog box to select the previously rendered VIDEO file  
"123abc.mpg"

(glad you noted the folder location earlier)

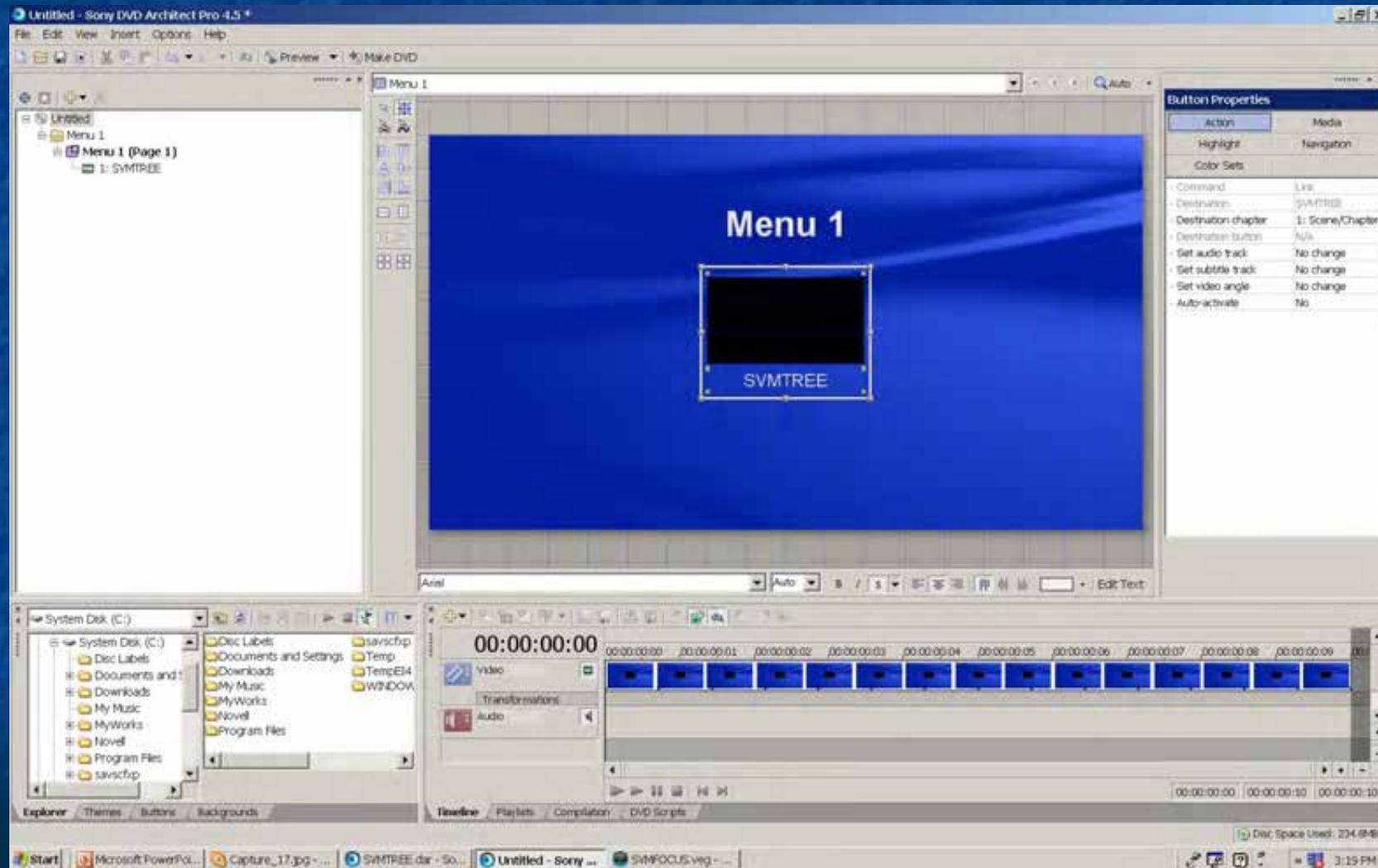
This will import both the VIDEO and AUDIO components



We now have a raw "Menu" page with a thumbnail of our media

We are only going to add ONE clip to this video.

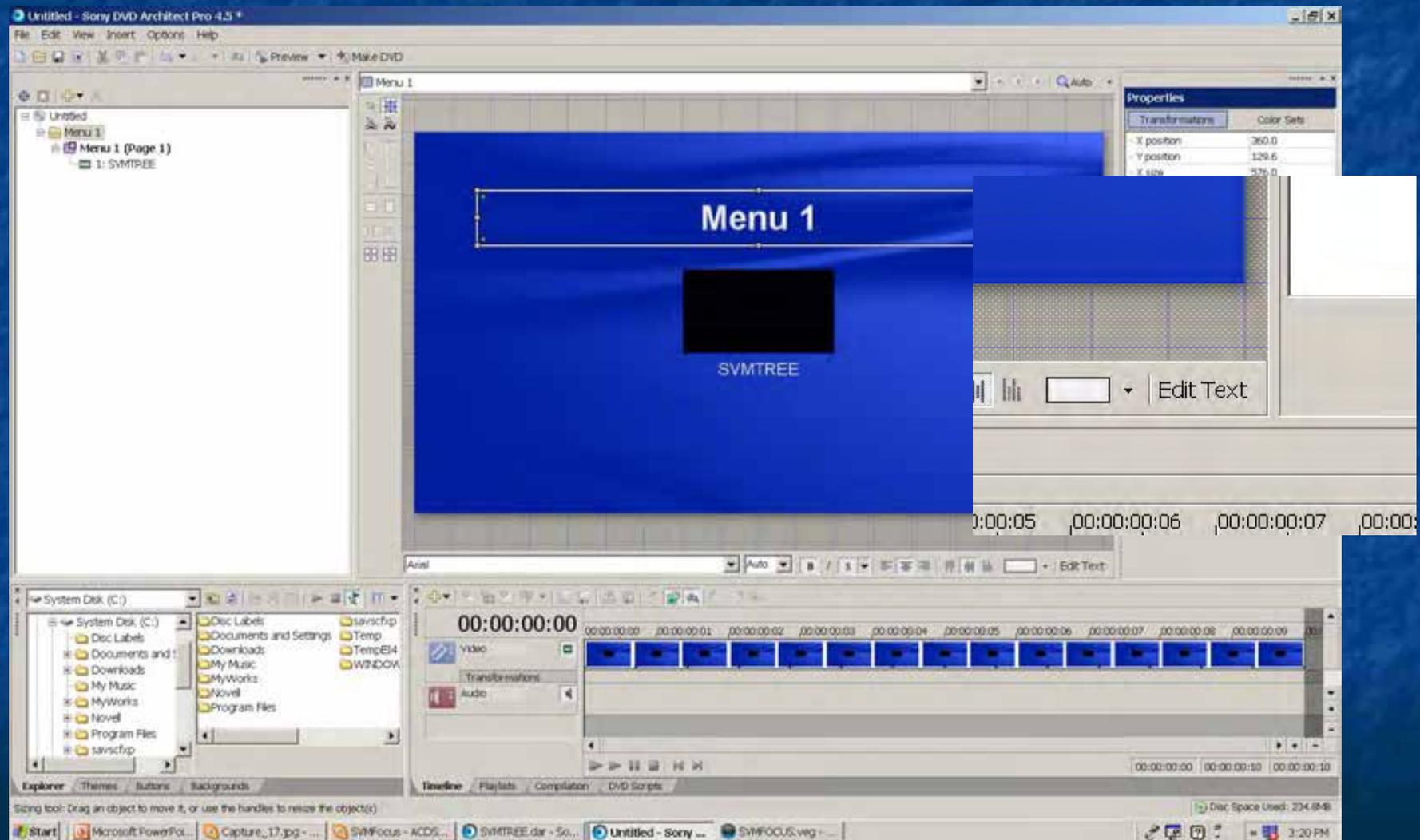
(If you are compiling a series of clips for your own use, repeat the "Insert")



Click on the "Menu 1" title in the preview screen

And click on the "Edit Text" button below and right of the preview screen

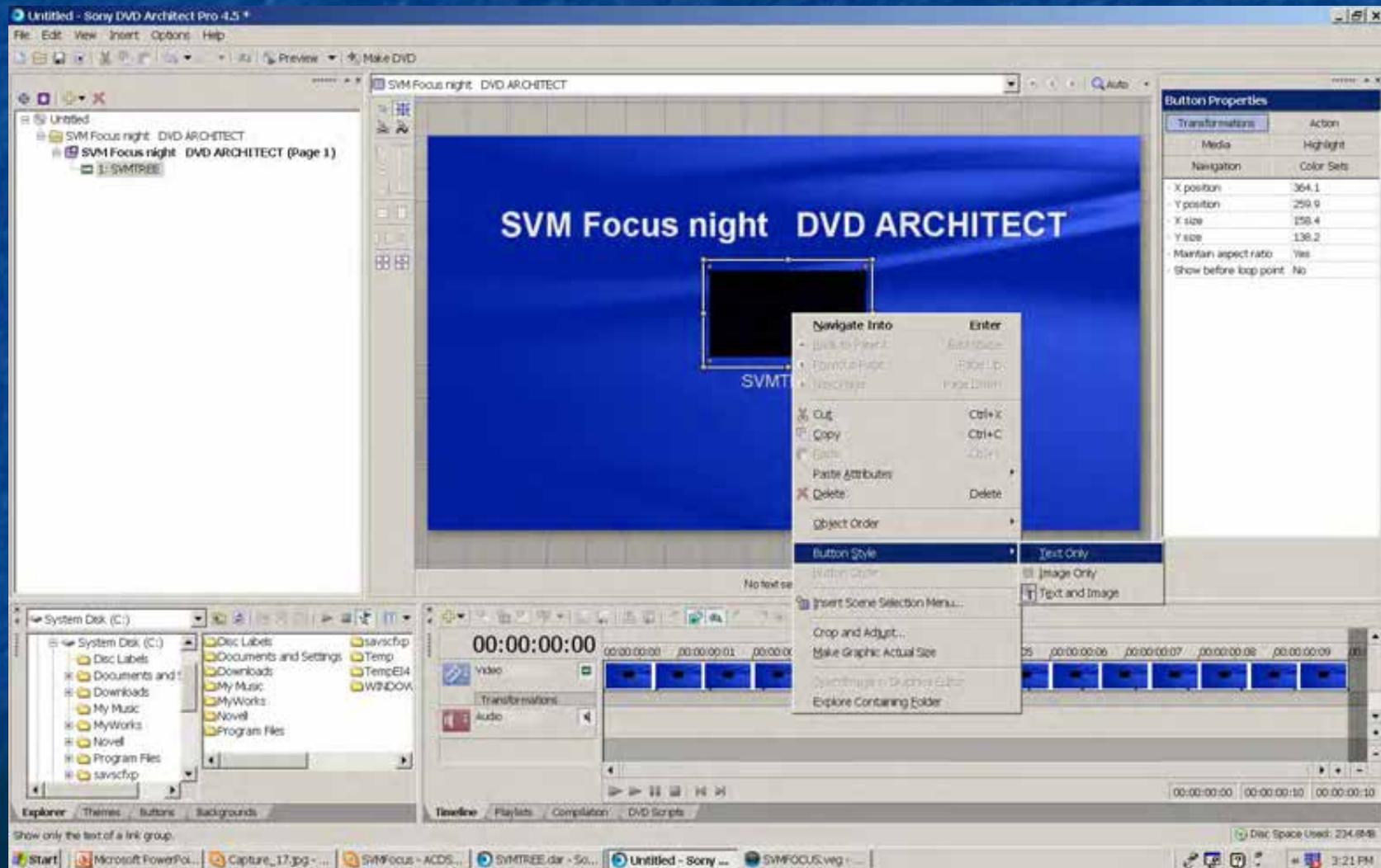
and add a title to your DVD ("SVM Focus Night DVD Architect")



RIGHT Click on the “media” thumbnail and choose your button style

I prefer “Text only”

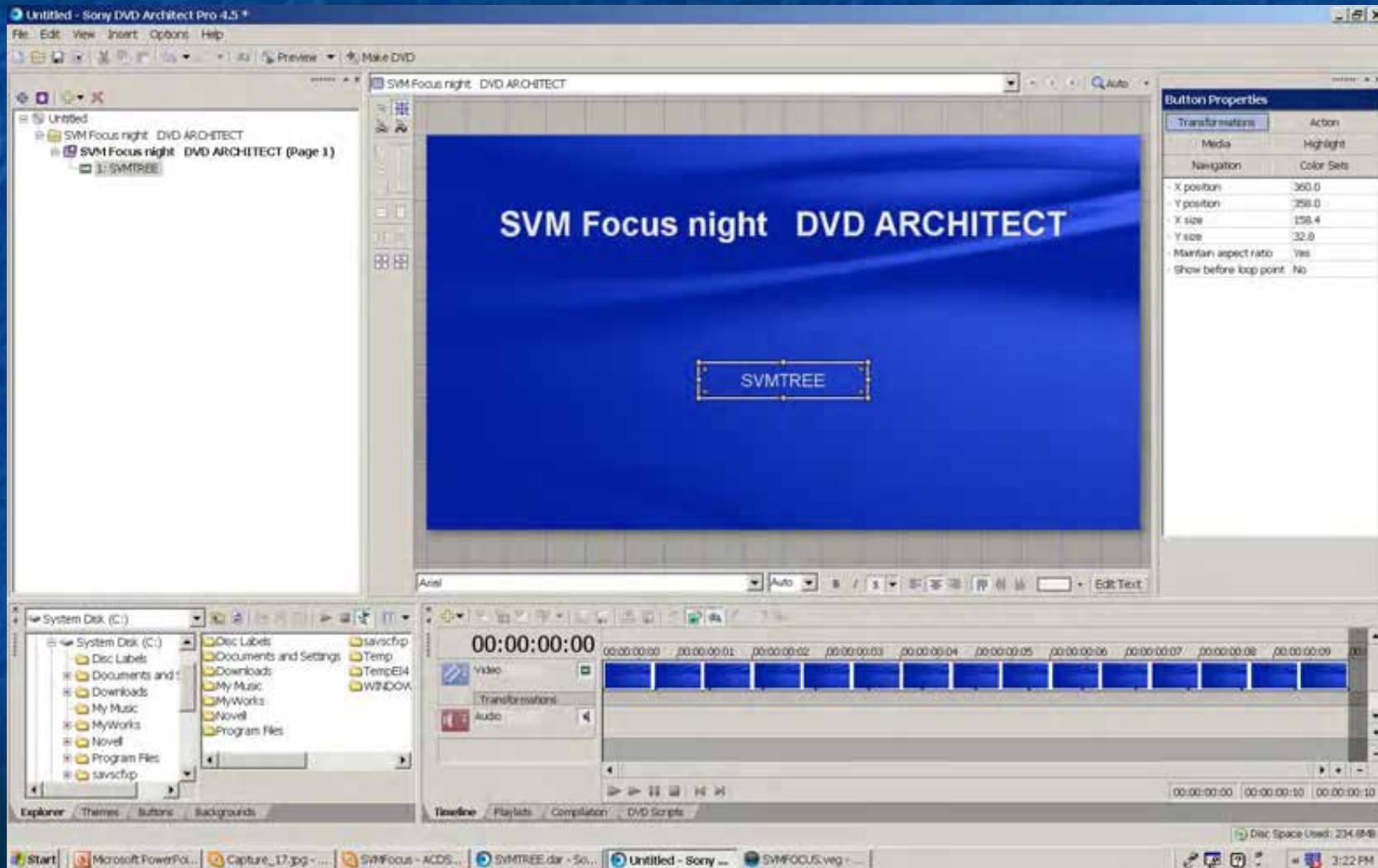
I rename it to “START”



RIGHT Click on the “media” thumbnail and choose your button style

I prefer “Text only”

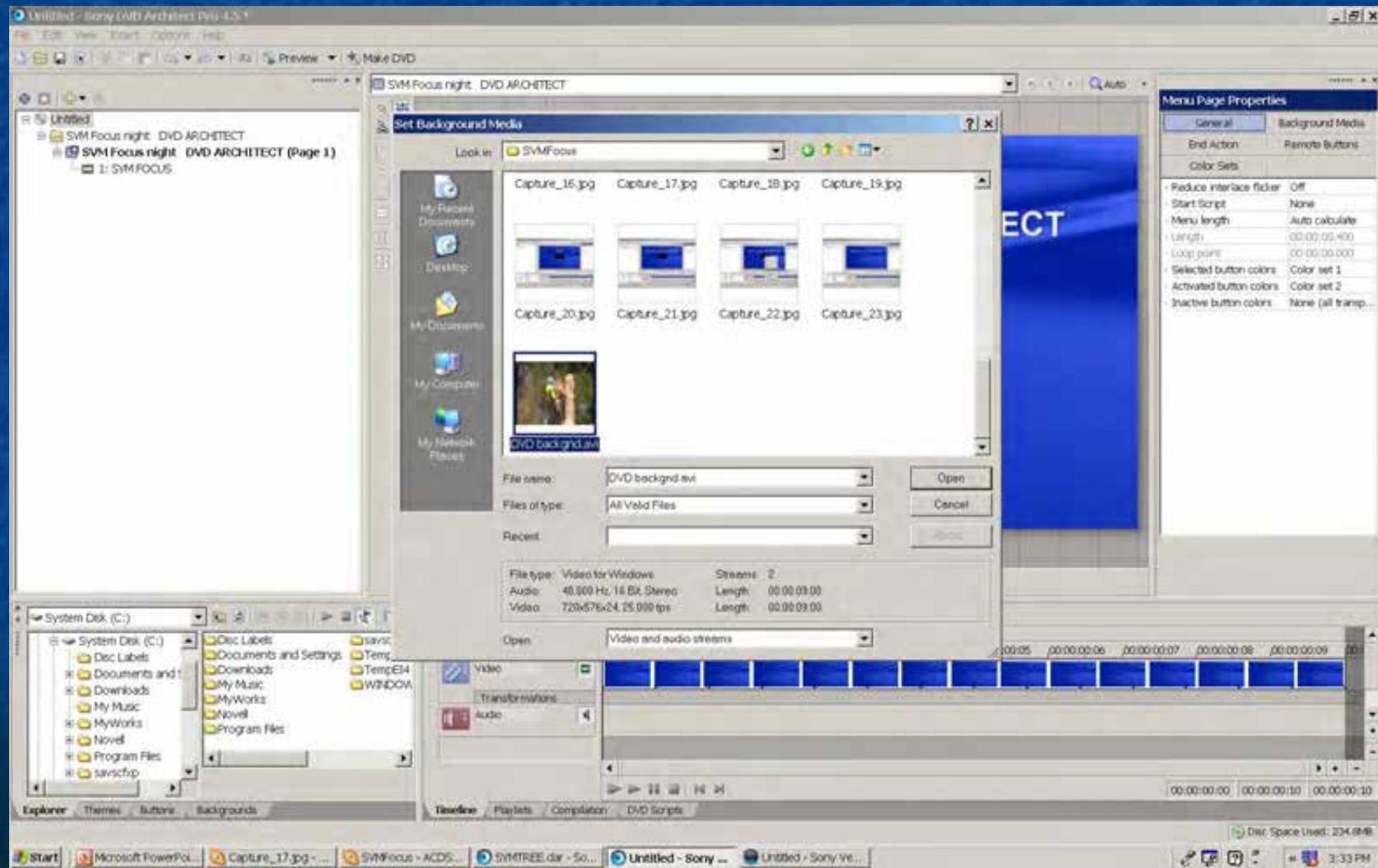
I rename it to “START” (select box and click on “Edit text” )



*You can place a short video clip as your background*

RIGHT Click in the preview window

And select the short clip you created earlier. (don't use the club avi file )



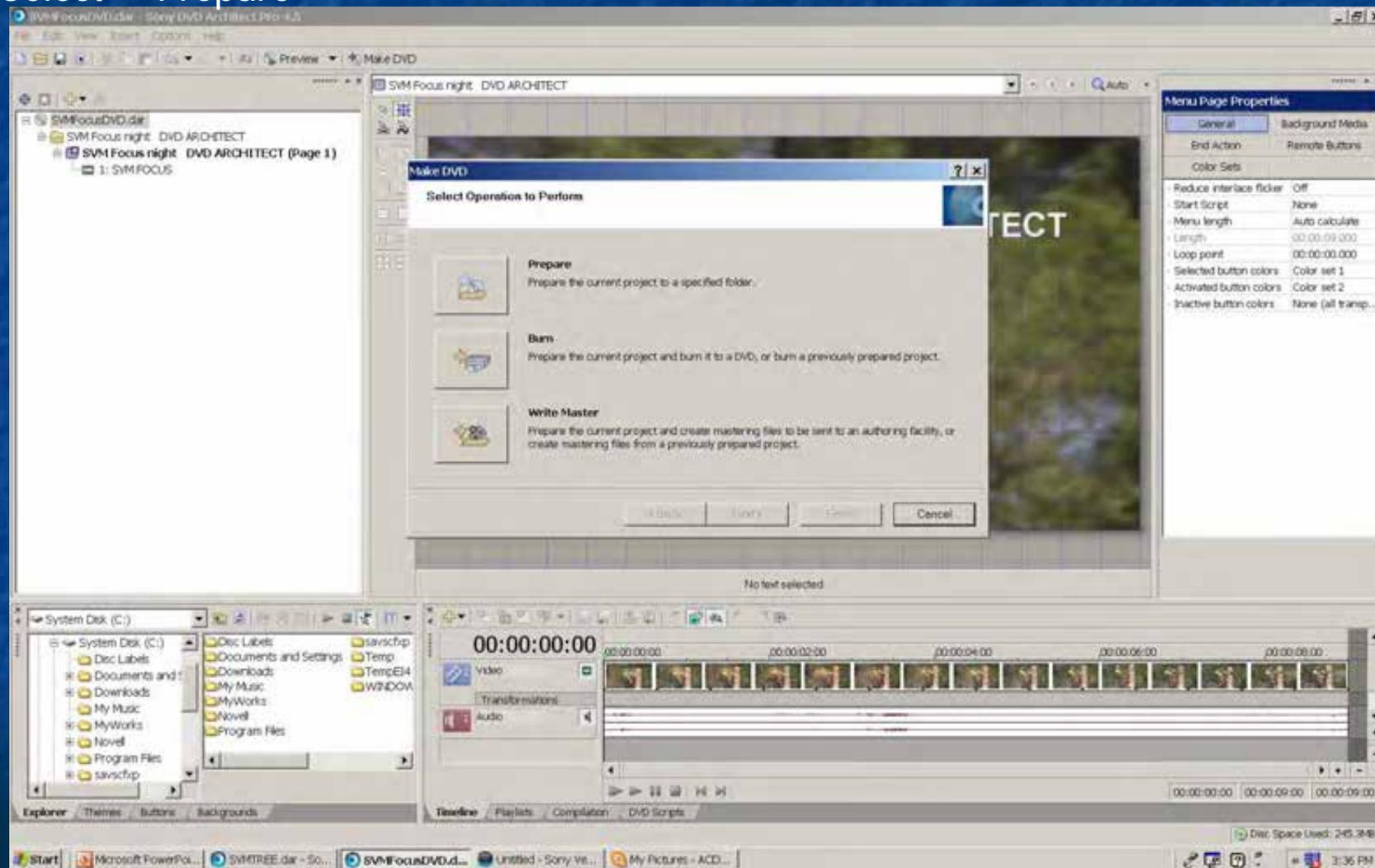
# SAVE your DVD architect file



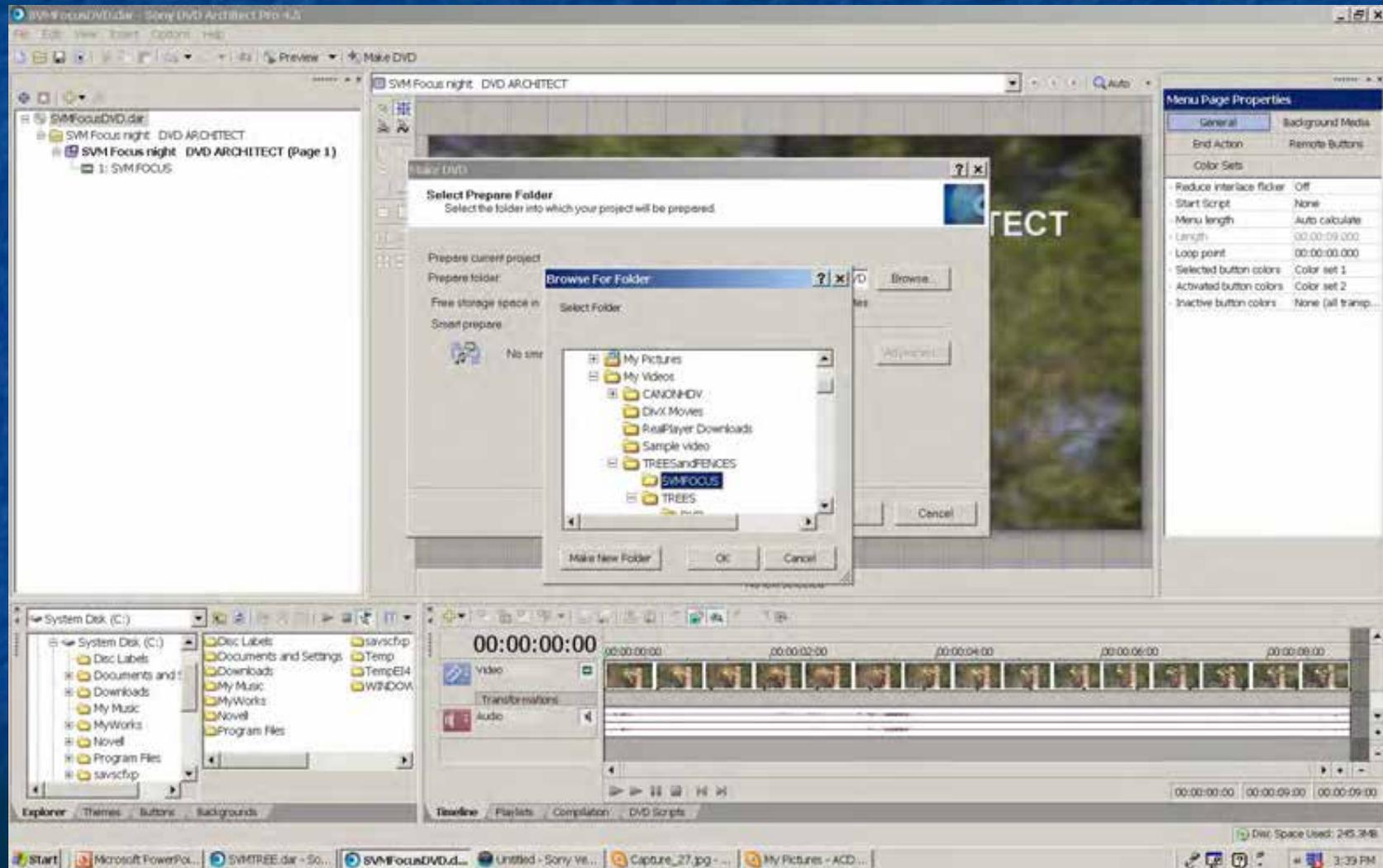
# We are now ready to Make the DVD

Click on "Make DVD" and

Select "Prepare"



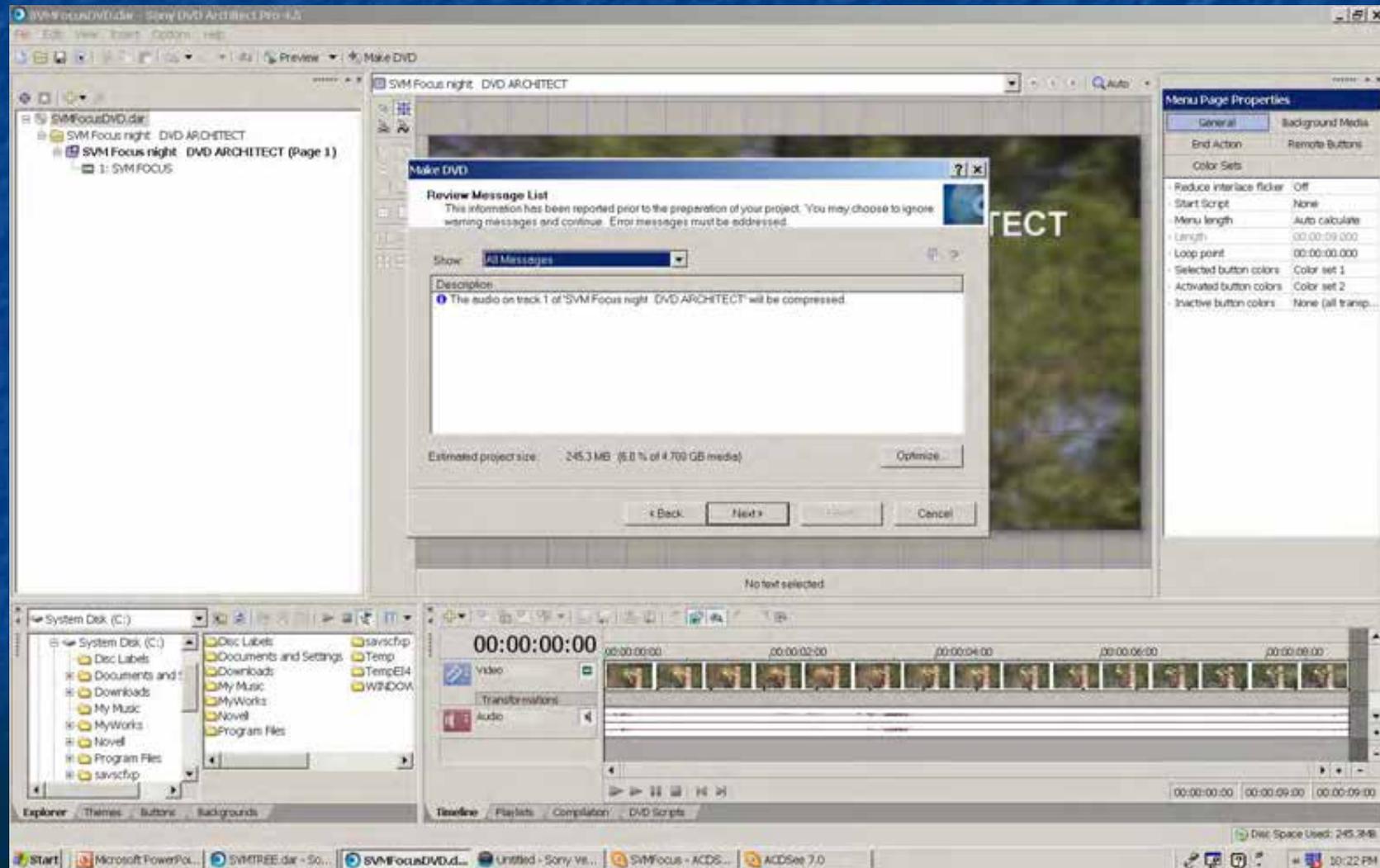
This will open the "Prepare" dialog. You must prepare into an empty folder. You may need to use the "Make a New Folder" button and create a new sub folder of the main folder



There are a few dialog boxes, telling you if it will fit. etc.

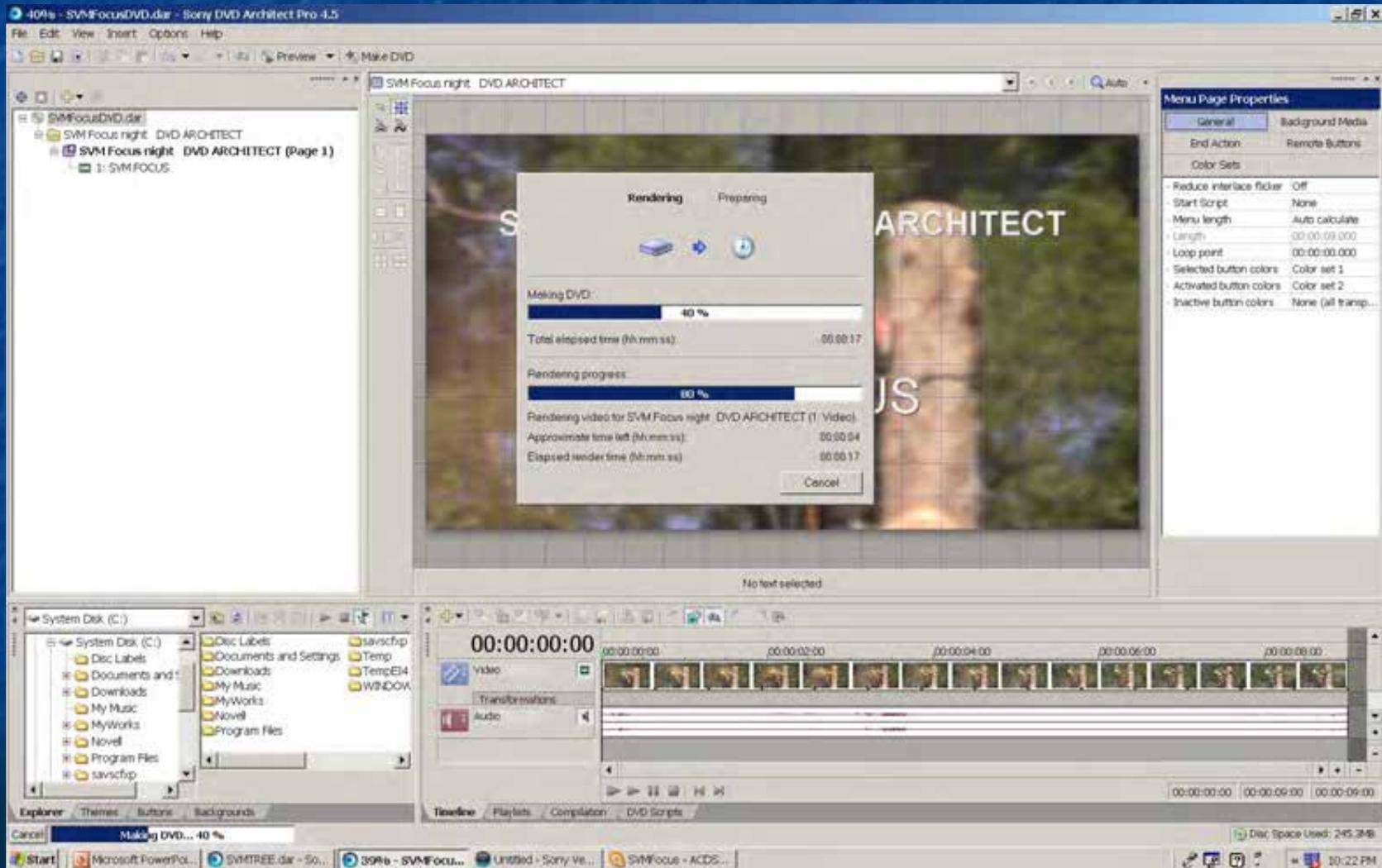
If everything is OK

Click "Next"



You will see the prepare process

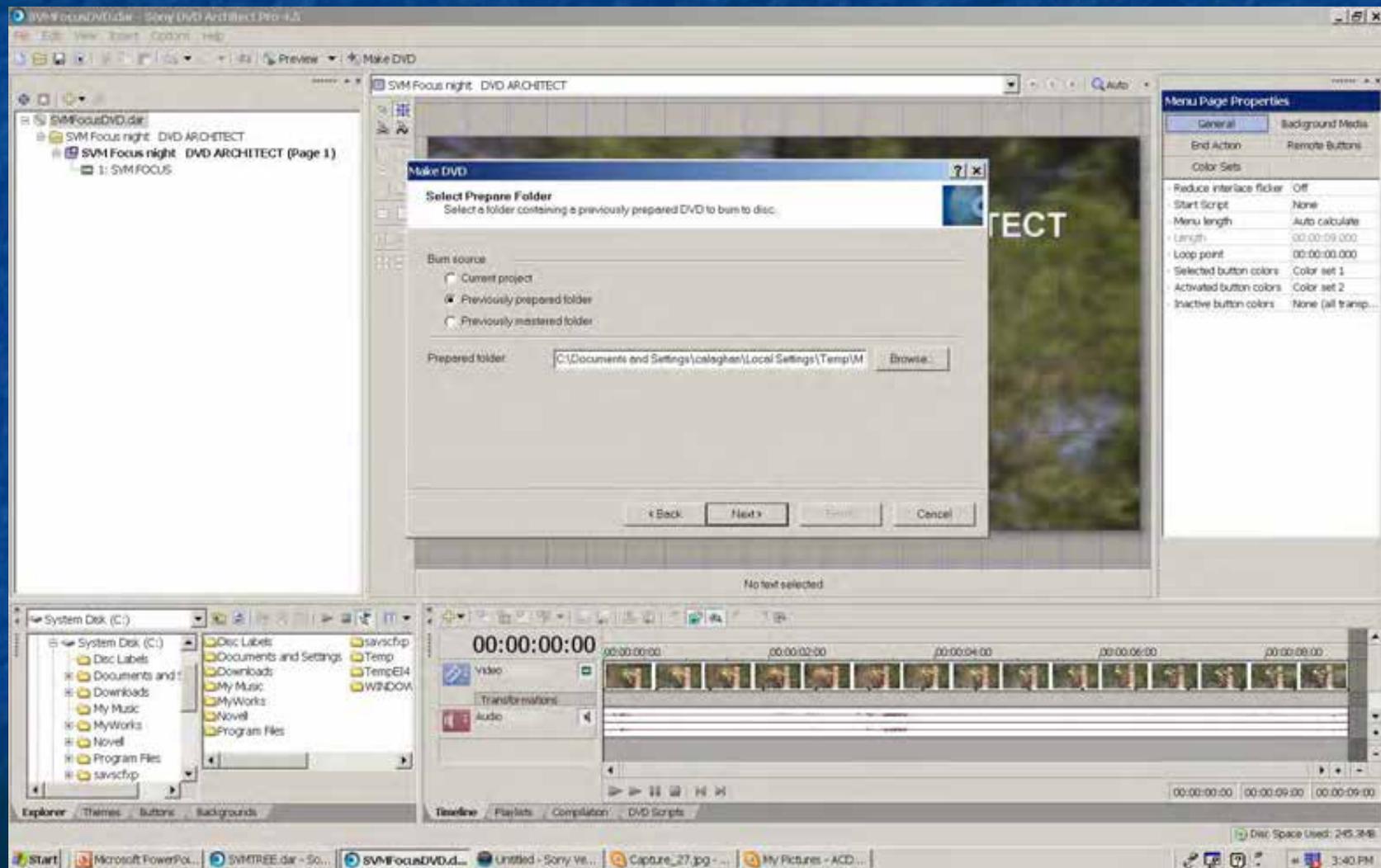
When it finishes, we are almost at the end



Once the "Prepare" is complete, click on "make DVD".

"Previously prepared folder"

"Next"

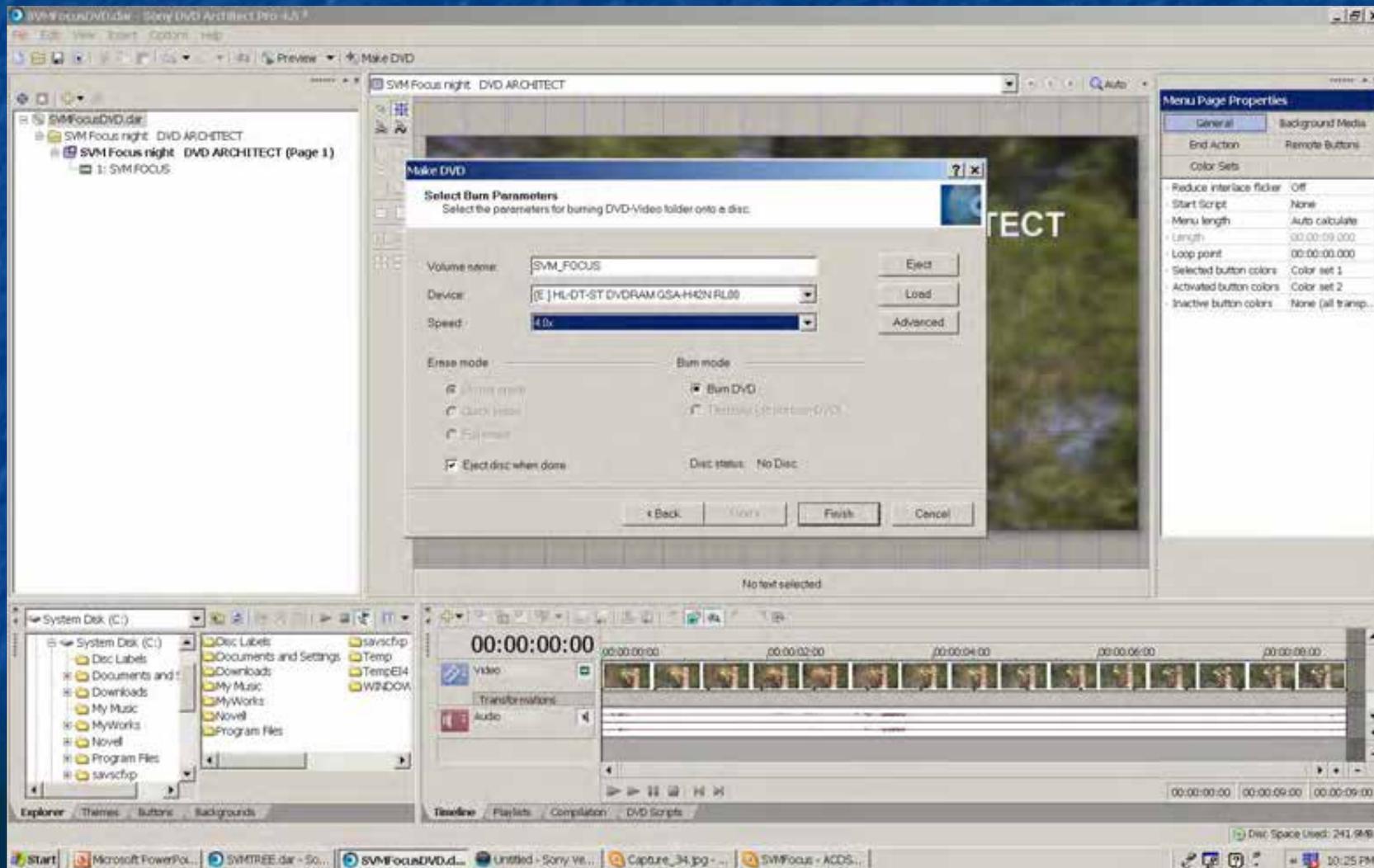


I recommend burning at the lowest rate, 4x etc, NOT the fastest that the drive will operate

“Volume name”

“Speed”

“Finish”



I preview the first completed DVD on a DVD or blu-ray player, or a different computer.

If it all works, and I am happy with it, I make the required number of copies

Copy the club DATA file onto a DATA disk "123DATA.avi"

LABEL your disks using a genuine CD marker pen or

If you have other software and a suitable printer suitable, you might consider printing a label onto your finished disk.

That is a new story

END