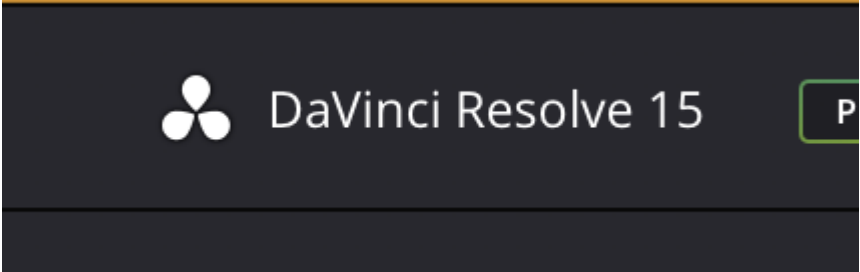
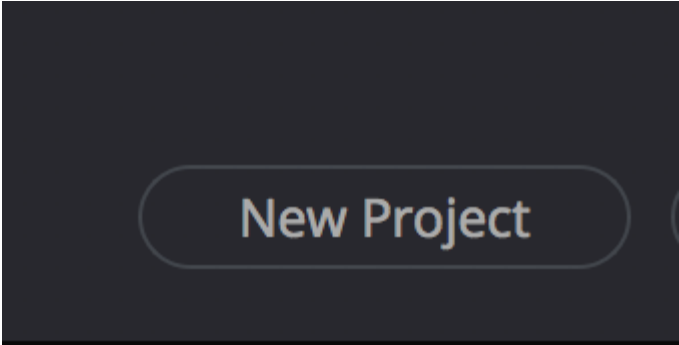
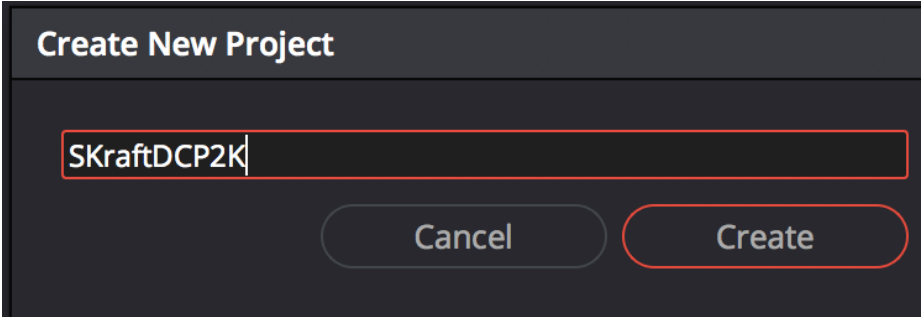
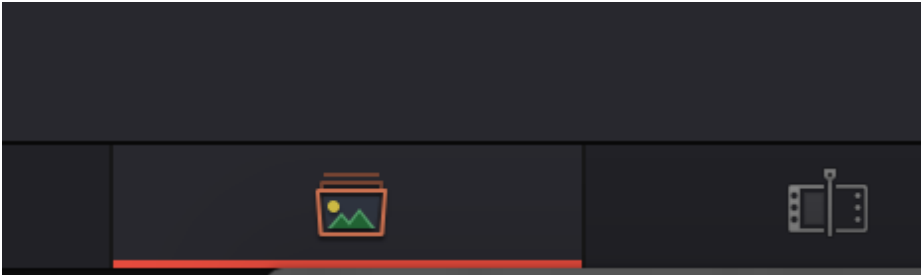


Davinci Resolve - How to Make a DCP Using the Beta Version 15 of Blackmagic Davinci Resolve

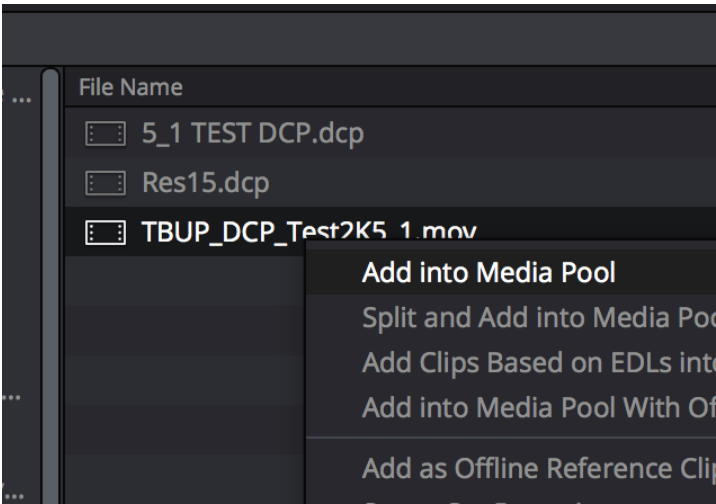
Don't use this wiki if you are working on campus use CMB 4.120A or CMB 4.112J or CMB 4.112 H and use this wiki

[Blackmagic Davinci Resolve STUDIO - How to Make a DCP](#)

Step One you need to export a 5.1 2K or 4K file in AVID or Premiere	AVID - How to Make a 2K 5.1 Surround Sound QuickTime Using Your Surround Sound Mix - Use for DC Adobe Premiere Pro - How to Make a 2K or 4K - 5.1 QuickTime using your Surround Sound Mix - Use for
Open Davinci Resolve Version 15	 The image shows the DaVinci Resolve 15 splash screen. It features the Blackmagic logo (three white circles) on the left, the text "DaVinci Resolve 15" in the center, and a green button with a white "P" on the right.
click on "New Project"	 The image shows a dark gray button with the text "New Project" in white, centered on the screen.
Name the project and click on "Create"	 The image shows the "Create New Project" dialog box. It has a title bar "Create New Project". Below it is a text input field containing "SKraftDCP2K". At the bottom are two buttons: "Cancel" and "Create".
Click on Media Tab	 The image shows the bottom of the DaVinci Resolve interface. The "Media" tab is selected, indicated by a red underline and a green icon of a film strip with a mountain. Other tabs like "Edit" and "Color" are visible but not selected.

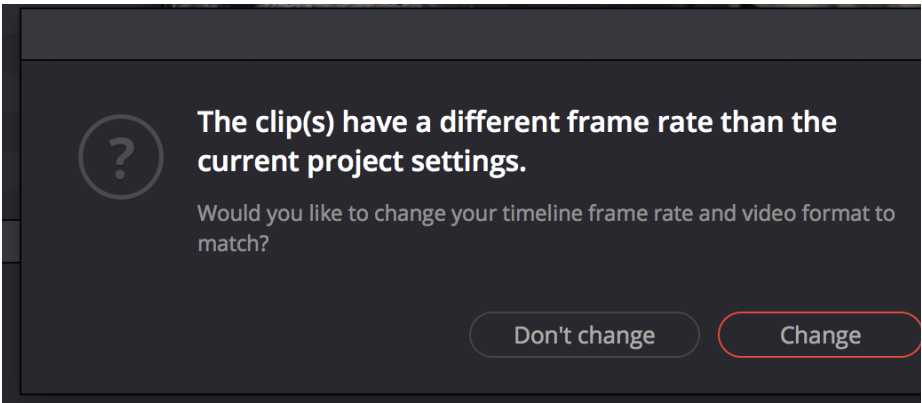
Find the 2K clip with the 5.1 interleaved audio that was exported

Right click it and choose "Add into Media Pool"

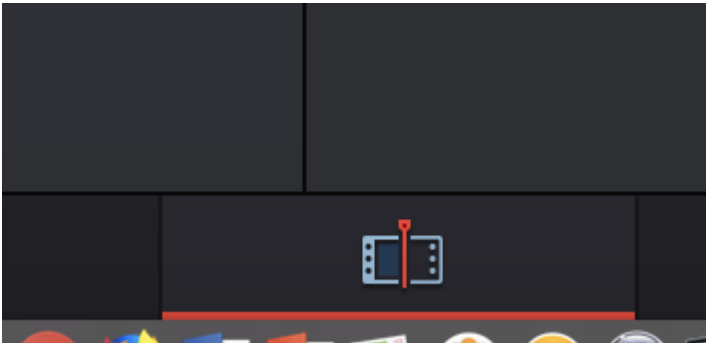


Choose to Change the frame rate

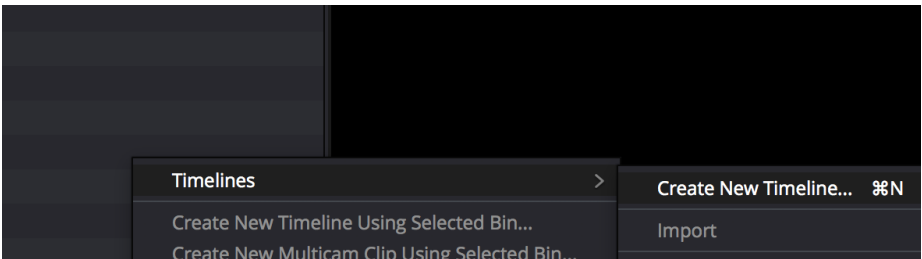
Click "Change"



Next - Go to the Edit Tab



Right click in the Media Pool area
>Choose >Timeline>CreateNew Timeline

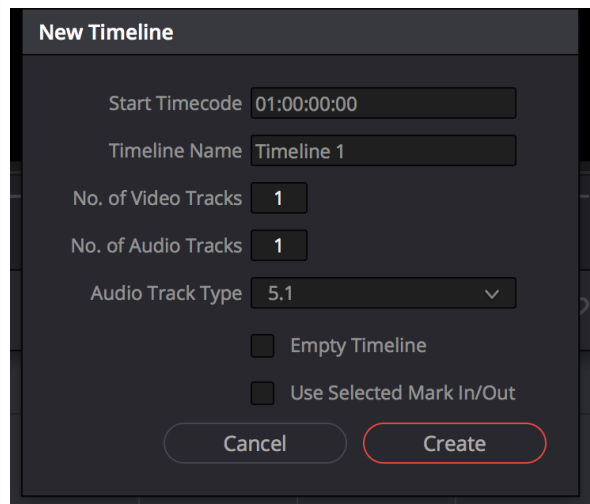


Set the Timeline to be 1 Video Track

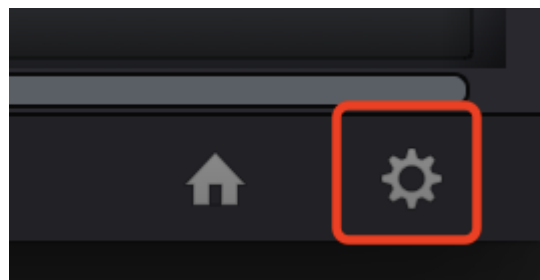
1 audio track that is 5.1

Uncheck Empty Timeline

Click on "Create"



Click on the "Gear" Icon to set the correct aspect ratio for the timeline



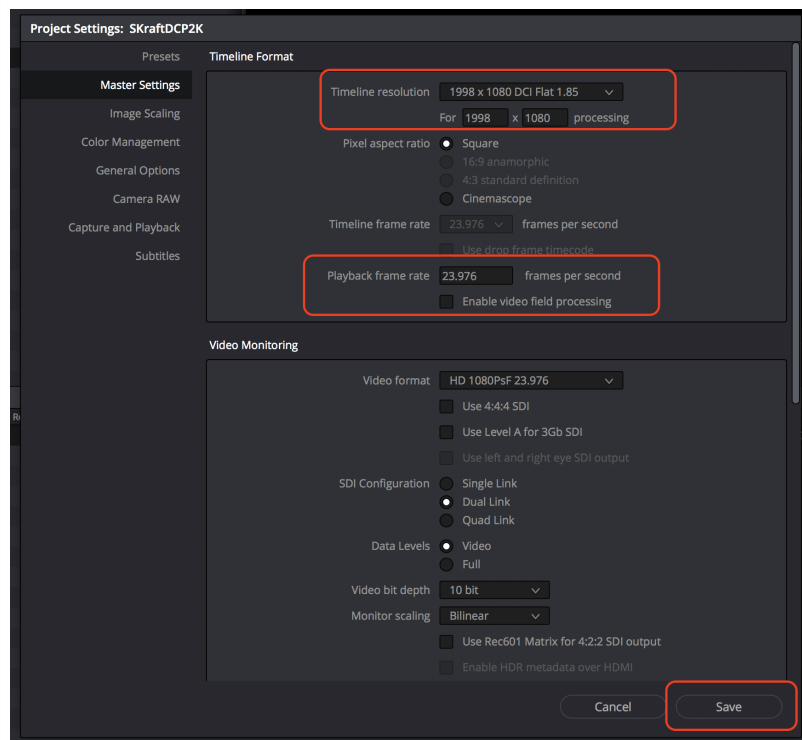
Choose Master Settings

We have a "flat" DCP 1998 x 1080 so

make the timeline resolution 1998 x 1080

Same as if you had a 2048 x 858 Scope DCP

Click on "Save"

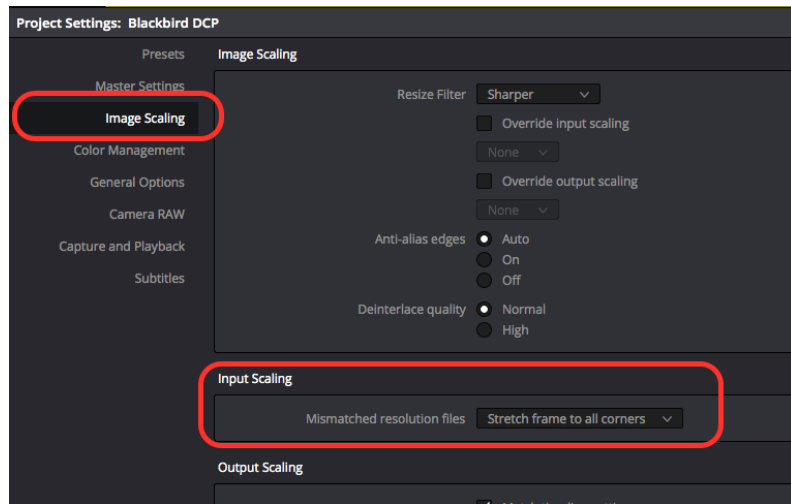


Check Image Scaling

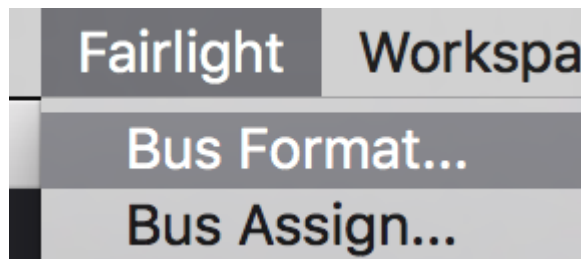
Use this only if someone has given you a file that is not scope or flat

Stretch Frame to all corners or try all the input scaling settings

to make sure you are scaled right



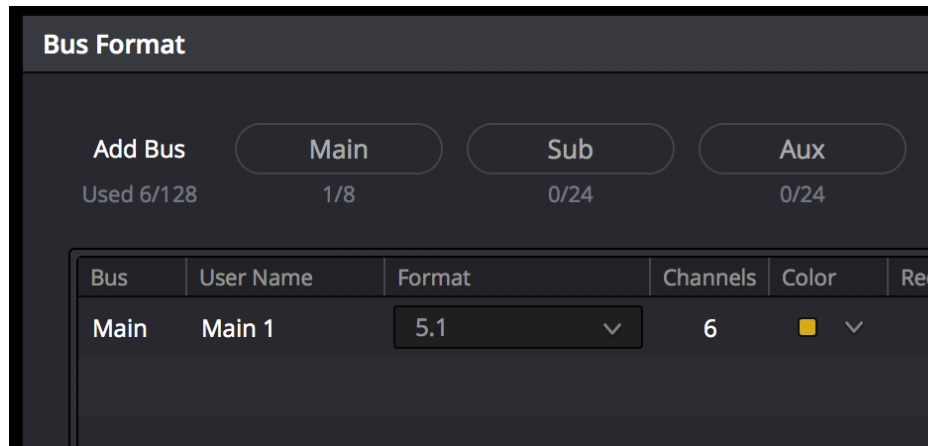
Next go to >Fairlight>Bus Format



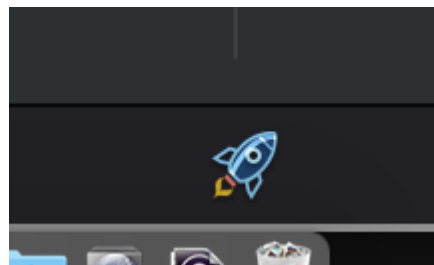
Choose Format 5.1

NOT 5.1 FILM!!

Click on OK



Go to the Deliver Tab

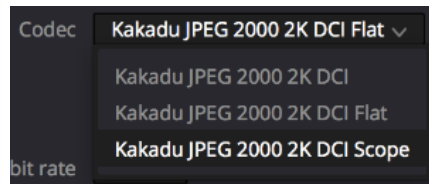


Choose

Format - DCP

Codec - Kakadu Jpeg 2000 2K DCI Flat or Scope depending on

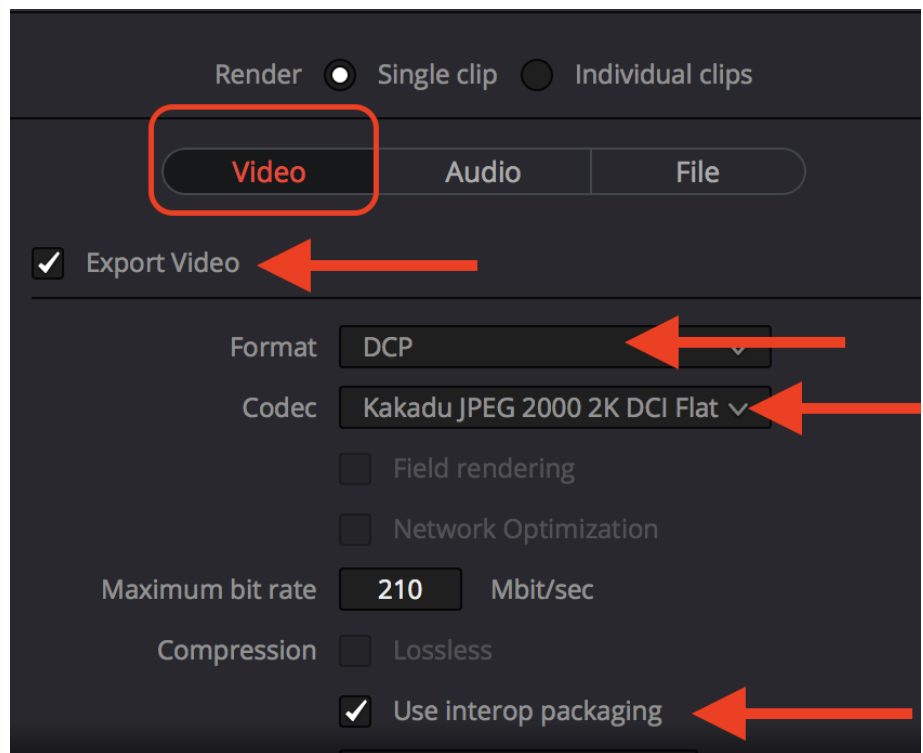
what type of DCP you are making



Codec: Kakadu JPEG 2000 2K DCI Flat

bit rate: Kakadu JPEG 2000 2K DCI Scope

Make sure interop packaging is checked



Render ☒ Single clip ☐ Individual clips

Video Audio File

☒ Export Video

Format: DCP

Codec: Kakadu JPEG 2000 2K DCI Flat

☐ Field rendering

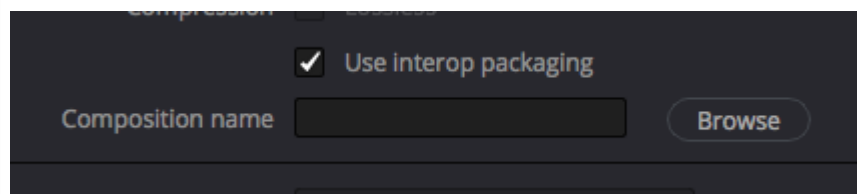
☐ Network Optimization

Maximum bit rate: 210 Mbit/sec

Compression ☐ Lossless

☒ Use interop packaging

Click on the Browse Button to set the DCP Naming

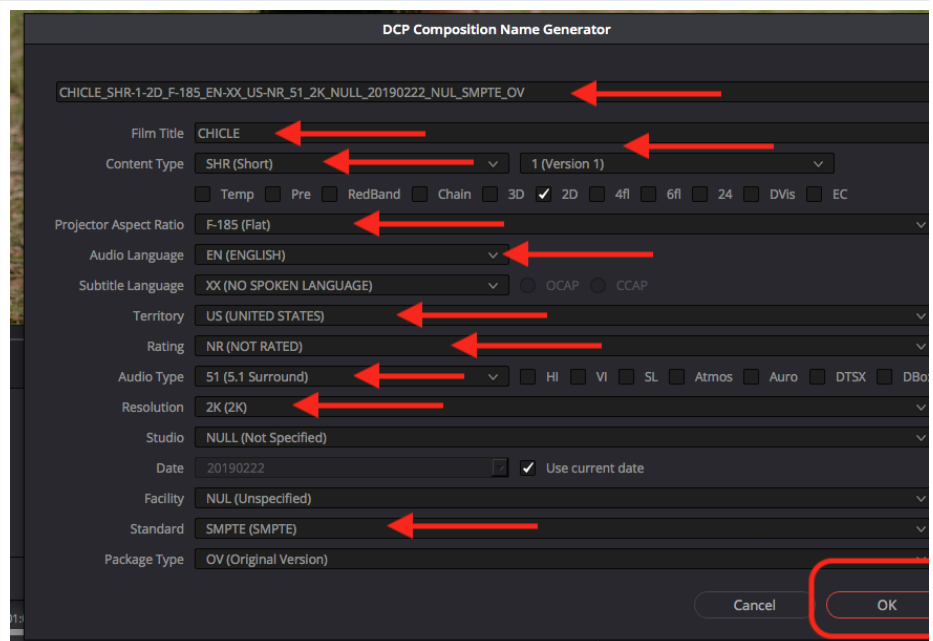


Composition name: [Text Field] Browse

All the boxes here are important to make sure you label the

DCP this way.

Choose carefully on these settings!!



DCP Composition Name Generator

CHICLE_SHR-1-2D_F-185_EN-XX_US-NR_51_2K_NULL_20190222_NUL_SMPTE_OV

Film Title: CHICLE

Content Type: SHR (Short) 1 (Version 1)

☐ Temp ☐ Pre ☐ RedBand ☐ Chain ☐ 3D ☒ 2D ☐ 4K ☐ 6K ☐ 24 ☐ DVis ☐ EC

Projector Aspect Ratio: F-185 (Flat)

Audio Language: EN (ENGLISH)

Subtitle Language: XX (NO SPOKEN LANGUAGE) ☐ OCAP ☐ CCAP

Territory: US (UNITED STATES)

Rating: NR (NOT RATED)

Audio Type: 5.1 (5.1 Surround) ☐ Hi ☐ Vi ☐ SL ☐ Atmos ☐ Auro ☐ DTSX ☐ DBo

Resolution: 2K (2K)

Studio: NULL (Not Specified)

Date: 20190222 ☒ Use current date

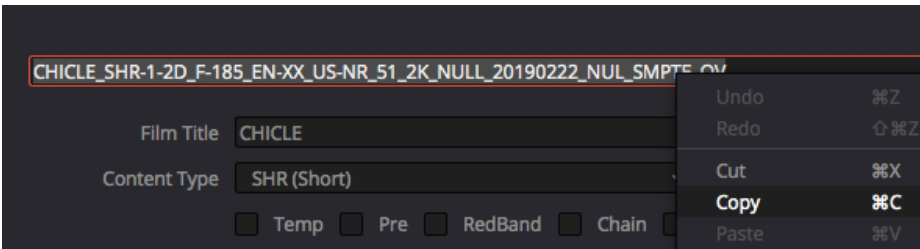
Facility: NUL (Unspecified)

Standard: SMPTE (SMPTE)

Package Type: OV (Original Version)

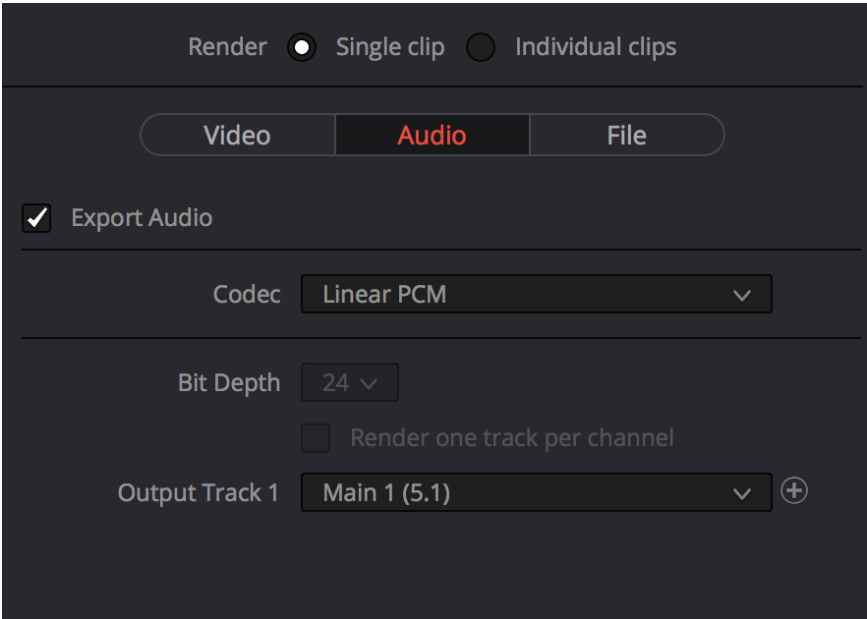
Cancel OK

Select the name of the DCP in the top to copy the file name.

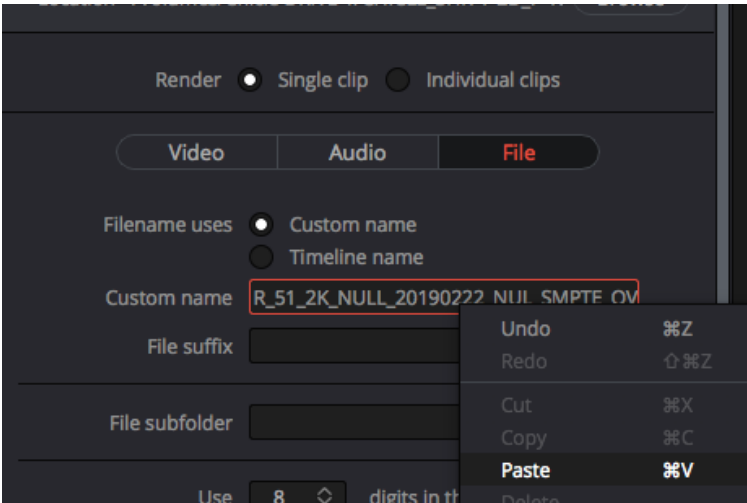


Audio choose
Codec Linear PCM

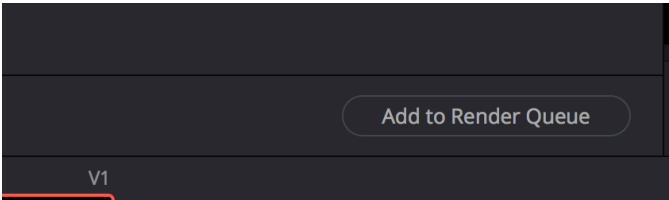
Output Track Main 1 5.1



Click on "File" tab and change the "Custom Name" to
what you want the DCP Named
paste the same name as the DCP folder name

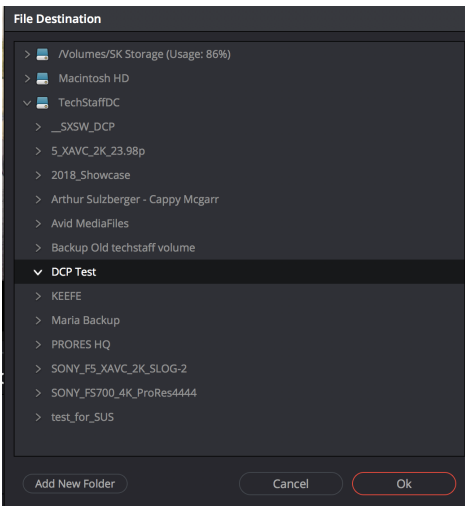


Click on Add to Render Queue

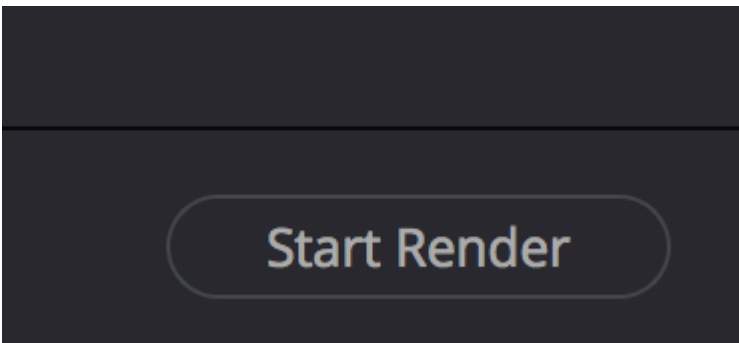


Choose the destination and click on the drive /folder

you want to save the DCP folder to.



Start Render



Notice the colors get weird looking in the render that is normal.

