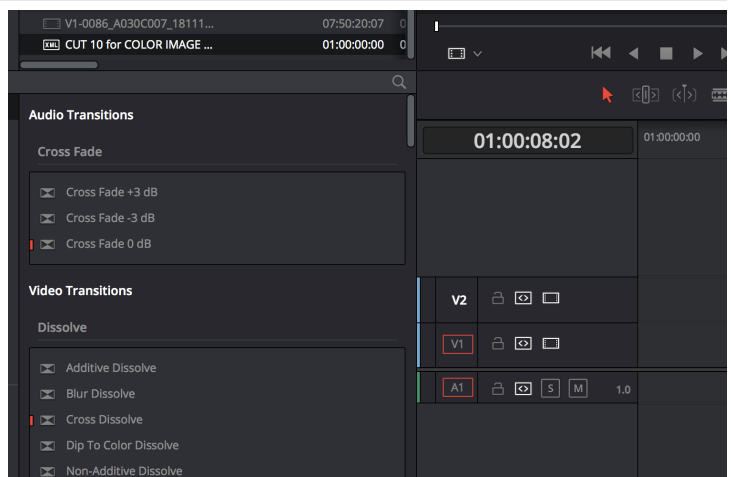# BlackMagic Davinci Resolve - How to Export a Surround Sound File Use This for End of Semester Screenings
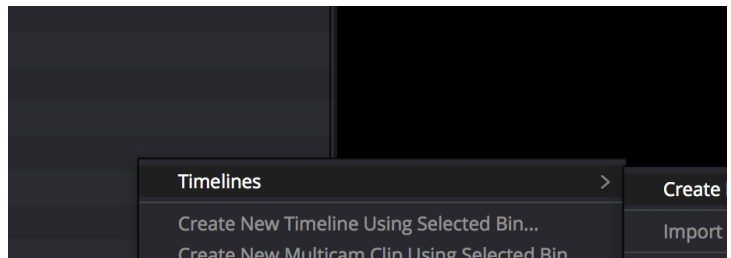
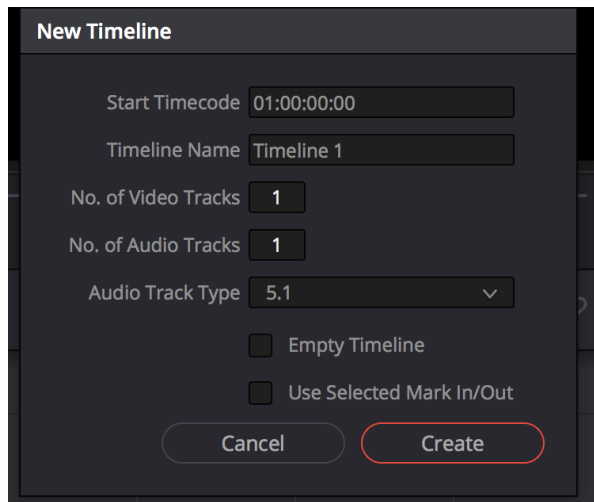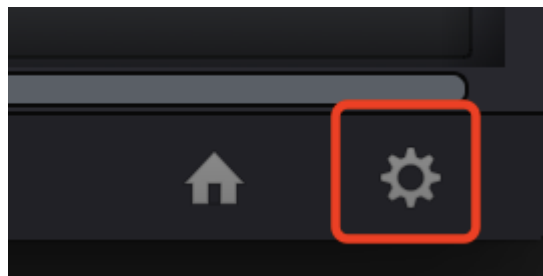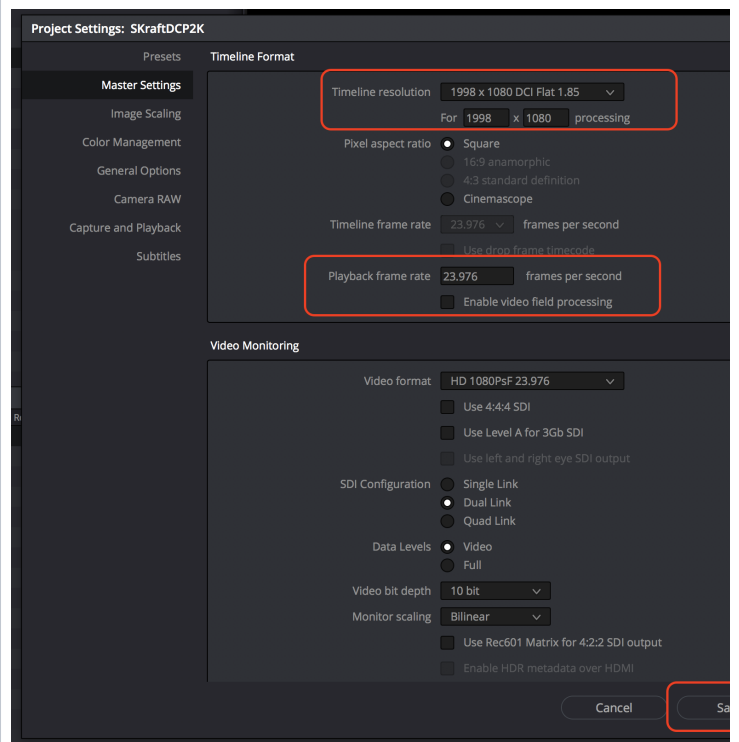| | |
|---|---|
| You will have your existing timeline from color correction but we're not going to use that<br><br>WE are going to copy and paste that timeline into a new timeline |  |
| Right click in the Media Pool area<br><br>>Choose >Timeline>CreateNew Timeline |  |
| Set the Timeline to be 1 Video Track<br><br>1 audio track that is 5.1<br><br>Uncheck Empty Timeline<br><br>Click on "Create" |  |
| Click on the "Gear" Icon to set the correct aspect ratio for the timeline |  |

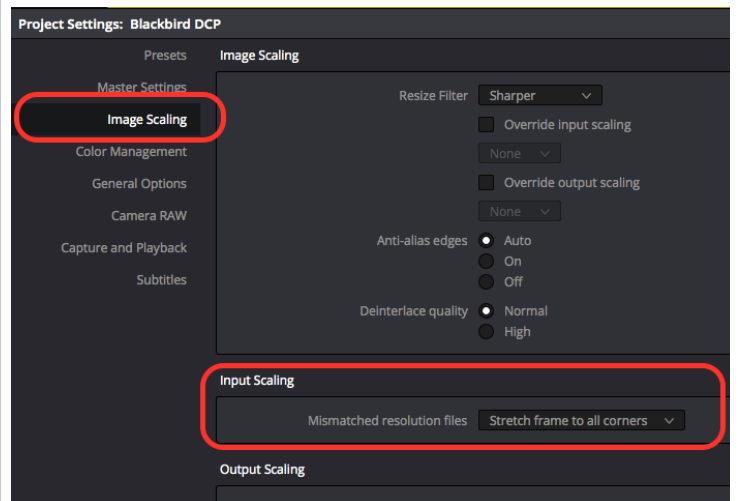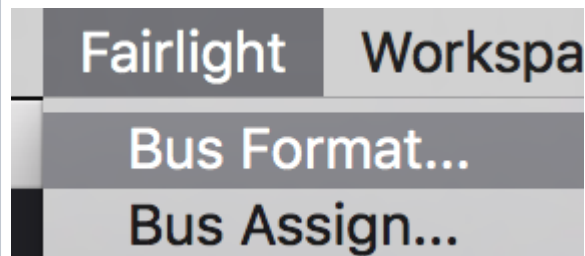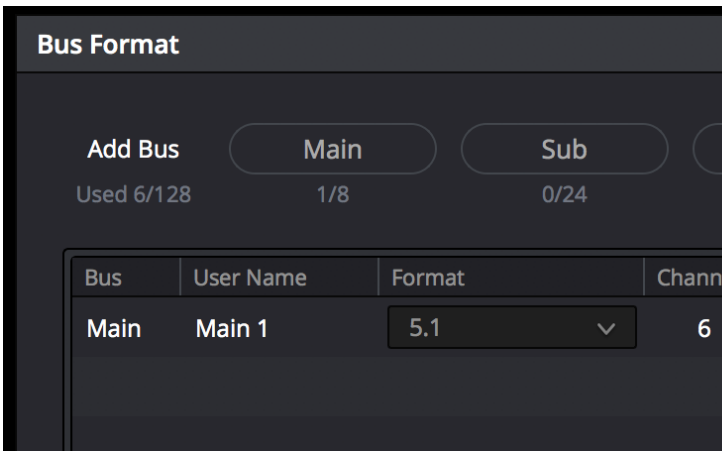| | |
|---|---|
| Choose Master Settings<br><br>We have a "flat" DCP 1998 x 1080 so<br><br>make the timeline resolution 1998 x 1080<br><br><br>Same as if you had a 2048 x 858 Scope DCP<br><br><br>Click on "Save" |  |
| Check Image Scaling<br><br>Use this only if someone has given you a file that is not scope or flat<br><br><br>Stretch Frame to all corners or try all the input scaling settings<br><br>to make sure you are scaled right |  |
| Next go to >Fairlight>Bus Format |  |

Choose Format 5.1

# NOT 5.1 FILM!!

Click on OK

**Bus Format**

| Add Bus | Main | Sub |
|---------|------|-----|
| Used 6/128 | 1/8 | 0/24 |

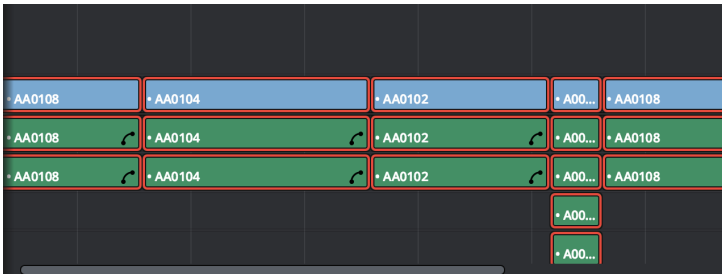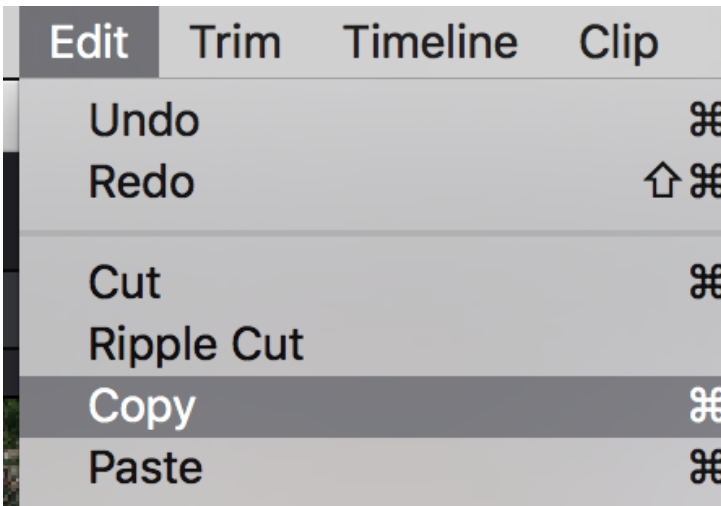| Bus | User Name | Format | Chann |
|-----|-----------|--------|-------|
| Main | Main 1 | 5.1 ∨ | 6 |

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Load the finished timeline that you already color corrected/exported then select all the clips by click "Command A"

Next Copy and paste the image files from the old timeline into the new 5.1 timeline
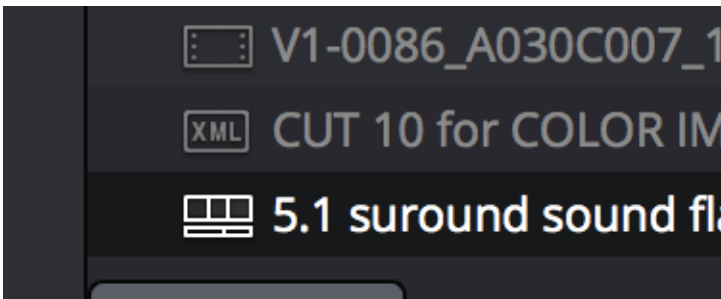
| Edit | Trim | Timeline | Clip | Mar |
|------|------|----------|------|-----|
| Undo | | | | ⌘Z |
| Redo | | | | ⇧⌘Z |
| Cut | | | | ⌘X |
| Ripple Cut | | | | |
| Copy | | | | ⌘C |
| Paste | | | | ⌘V |
| Paste Insert | | | | |
| Paste Attributes... | | | | ⌥V |
| Delete Selected | | | | ⌫ |
| Ripple Delete | | | | ⇧⌫ |
| Select All | | | | ⌘A |
| Deselect All | | | | ⇧⌘A |

| | |
|---|---|
| Then copy the clips by selecting "Command C" or Edit>Copy | **Edit**  Trim  Timeline  Clip<br><br>Undo    ⌘<br>Redo    ⇧⌘<br><br>Cut    ⌘<br>Ripple Cut<br>Copy    ⌘<br>Paste    ⌘ |
| Load the newly created 5.1 timeline by double clicking it in the | V1-0086_A030C007_1<br>XML CUT 10 for COLOR IM<br>5.1 suround sound fl |
| Then paste the clips you copied from the original timeline | **Edit**  Trim  Timeline  Clip<br><br>Undo    ⌘<br>Redo    ⇧⌘<br><br>Cut    ⌘<br>Ripple Cut<br>Copy    ⌘<br>Paste    ⌘ |
| Add 5.1 file to media tool - Go to Media Tool | |

| | |
|---|---|
| Locate the file on the hard drives and add it into Media Tool |  |
| Edit it into the timeline-Go back to Edit Mode |  |
| Then edit the 5.1 sound file on the 5.1 audio track<br><br>Play for sync test and make sure all the timeline is in sync and sounds right |  |
| Last Export Quicktime for the Flat DCP for the Screening Deliverable for RTF screenings<br>Click on Deliver tab |  |

| | |
|---|---|
| Click on Custom | **Render Settings –**<br><br>[film icon]<br><br>**Custom**    You T    72( |
| Choose Single Clip | Filename **Untitled**<br>Location /Volumes/tempstorage<br><br>Render ◉ Single clip ◯ Individual cl<br><br>**Video**    Audio    File<br><br>✓ Export Video |
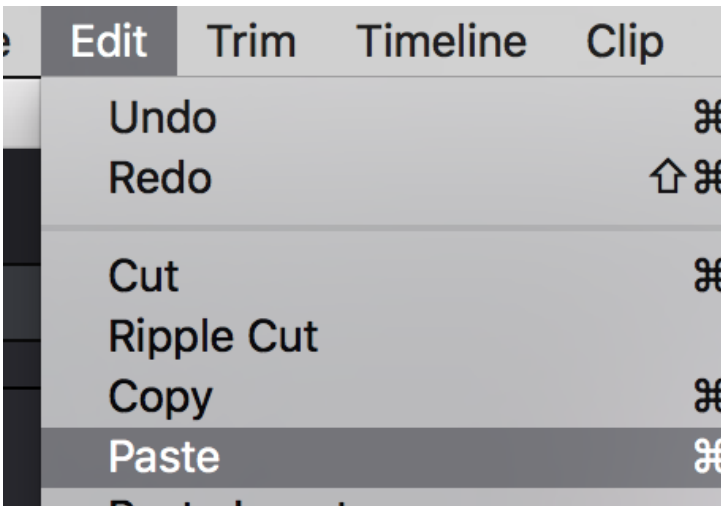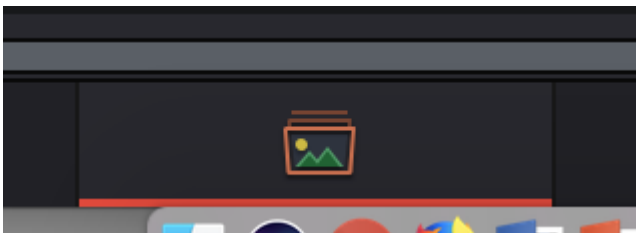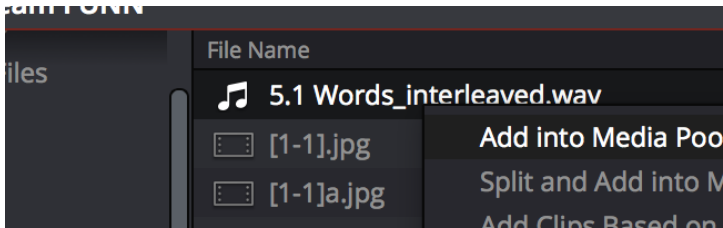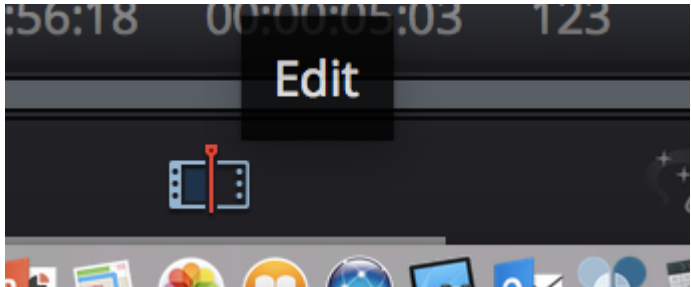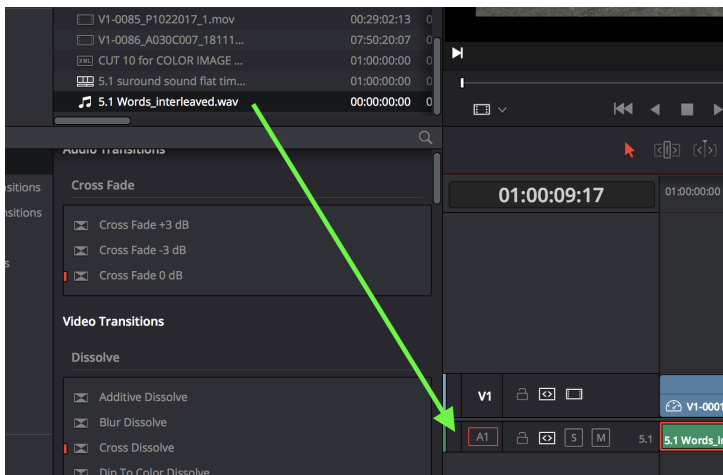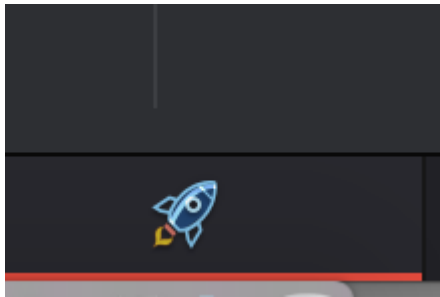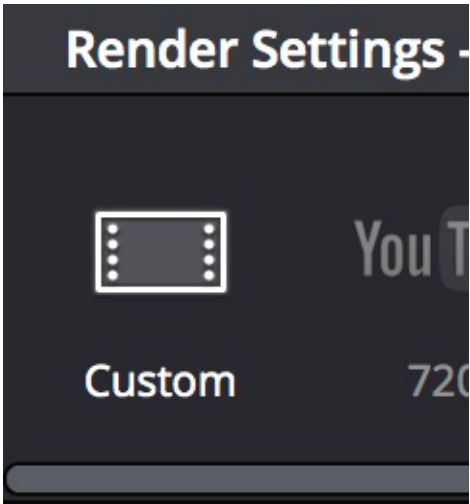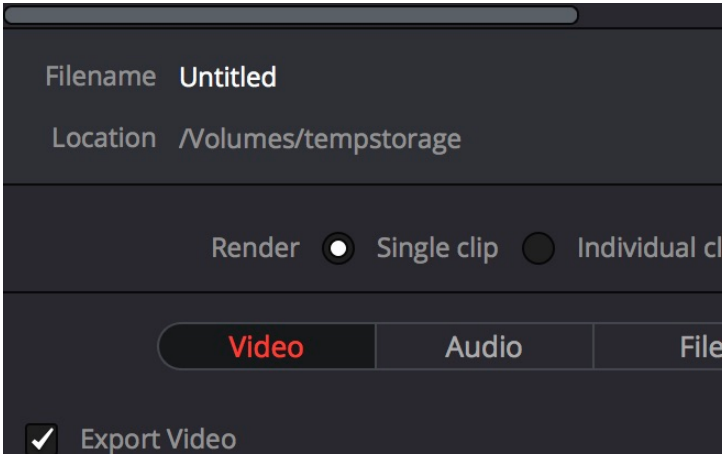
Choose Video

Export Video

Quicktime

ProRes 422

1998 x 1080 DCI Flat 1:85

23.976

Render  ● Single clip    ○ Individual clips

| Video | Audio | File |
|---|---|---|

☑ Export Video

Format  QuickTime ∨

Codec  Apple ProRes 422 ∨

☐ Field rendering

☐ Network Optimization

Resolution  1998 x 1080 DCI Flat 1.85 ∨

Frame rate  23.976 ∨

☐ Use Constant Bit Rate

∨ Advanced Settings

Pixel aspect ratio  ● Square
○ Cinemascope

Data Levels  ● Auto

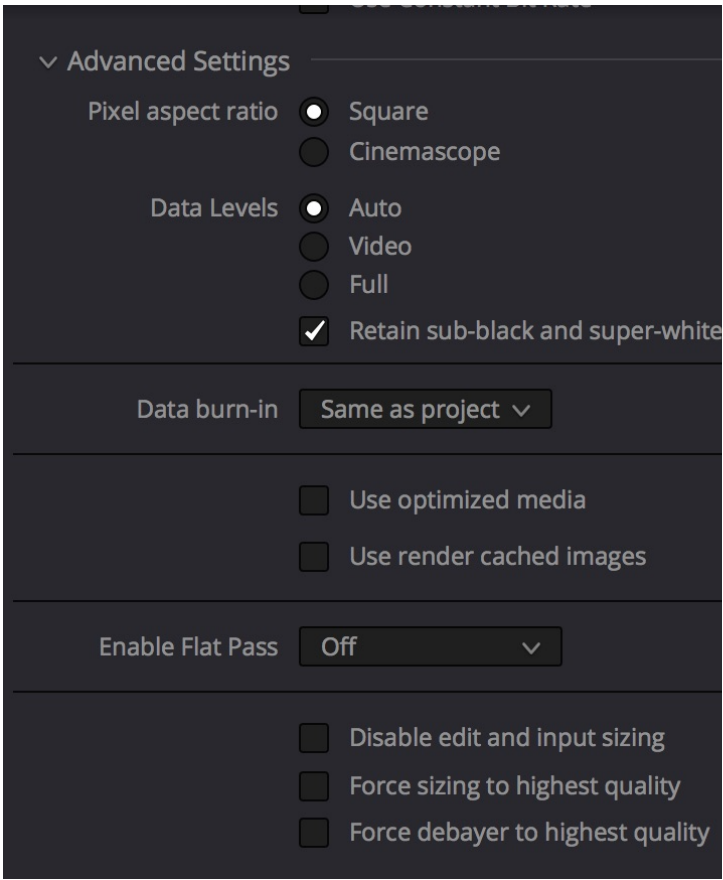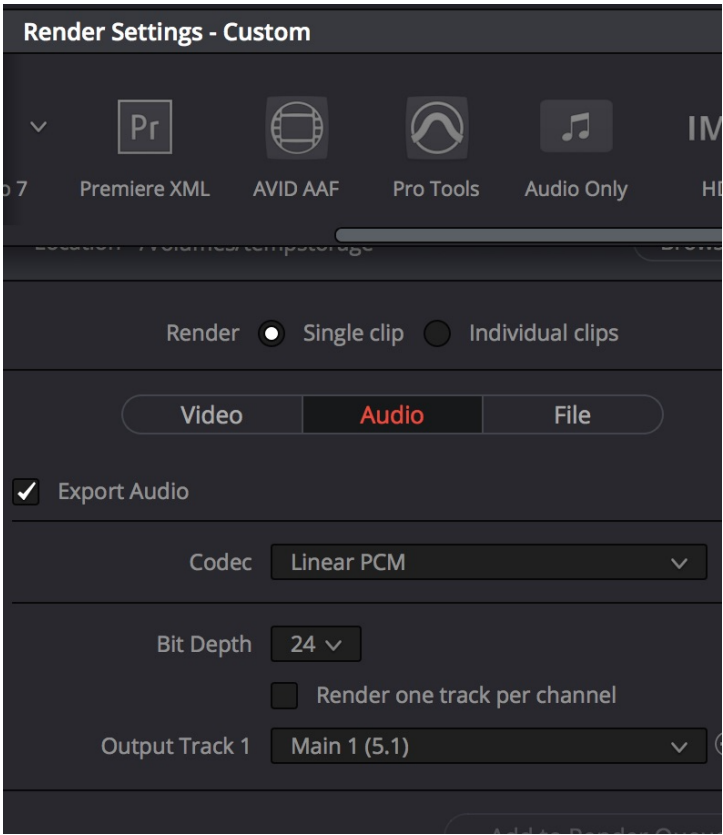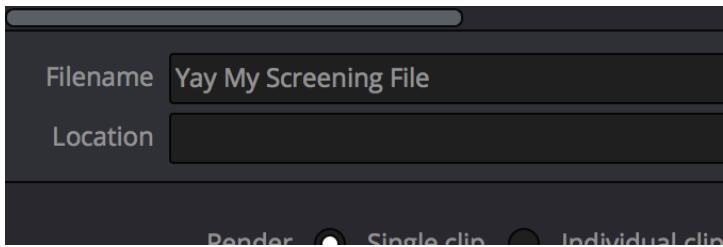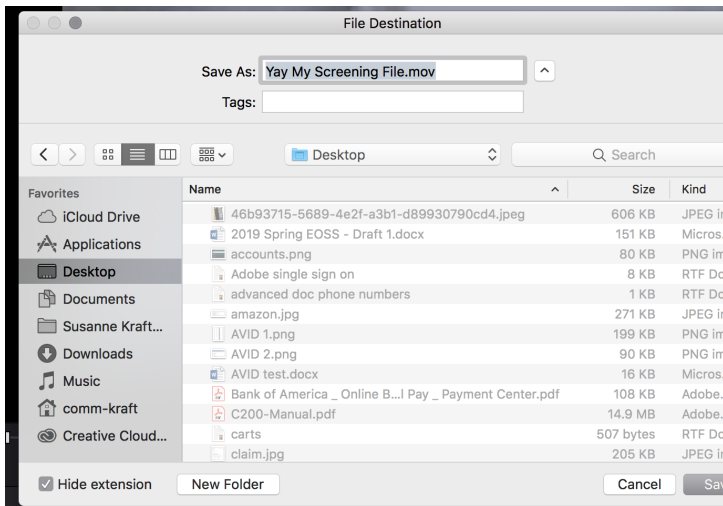| | |
|---|---|
| Advanced Settings<br><br>Check - Retain sub-black and super-white data |  |
| Click on the Audio Tab<br><br>Choose Export Audio<br>Codec Linear PCM<br>24 bit<br>Main 5.1 |  |

| | |
|---|---|
| Click on Filename and title it | **Filename** Yay My Screening File<br>**Location** |
| Click on Browse and put the file where you choose<br><br>Click Save | File Destination<br>Save As: Yay My Screening File.mov<br>Tags:<br>Desktop<br>Q Search<br>**Favorites**<br>iCloud Drive<br>Applications<br>Desktop<br>Documents<br>Susanne Kraft...<br>Downloads<br>Music<br>comm-kraft<br>Creative Cloud...<br><br>**Name** / **Size** / **Kind**<br>46b93715-5689-4e2f-a3b1-d89930790cd4.jpeg / 606 KB / JPEG i...<br>2019 Spring EOSS - Draft 1.docx / 151 KB / Micros...<br>accounts.png / 80 KB / PNG im...<br>Adobe single sign on / 8 KB / RTF Do...<br>advanced doc phone numbers / 1 KB / RTF Do...<br>amazon.jpg / 271 KB / JPEG i...<br>AVID 1.png / 199 KB / PNG im...<br>AVID 2.png / 90 KB / PNG im...<br>AVID test.docx / 16 KB / Micros...<br>Bank of America _ Online B...l Pay _ Payment Center.pdf / 108 KB / Adobe...<br>C200-Manual.pdf / 14.9 MB / Adobe...<br>carts / 507 bytes / RTF Do...<br>claim.jpg / 205 KB / JPEG i...<br><br>☑ Hide extension   New Folder   Cancel   Sav... |
| Last click on Add to Render Queue<br><br>Click Start Render | **Render Queue**<br>**Job 1**<br>**Untitled Project \| 5.1 suround soun...**<br>/Users/comm-kraft/Desktop<br><br>Start Render |