AVID - How to Export an AAF and QuickTime To Davinci Resolve 1080 HD workflow

Don't use this workflow if you have 2K and 4K original footage EX: Alexa, Sony F5 etc.
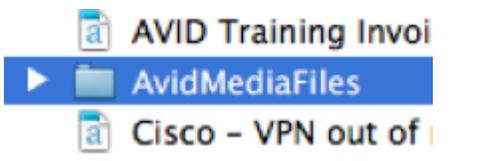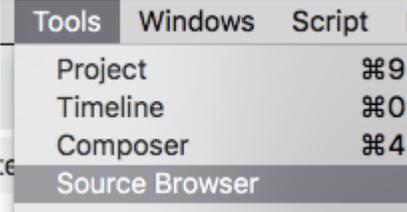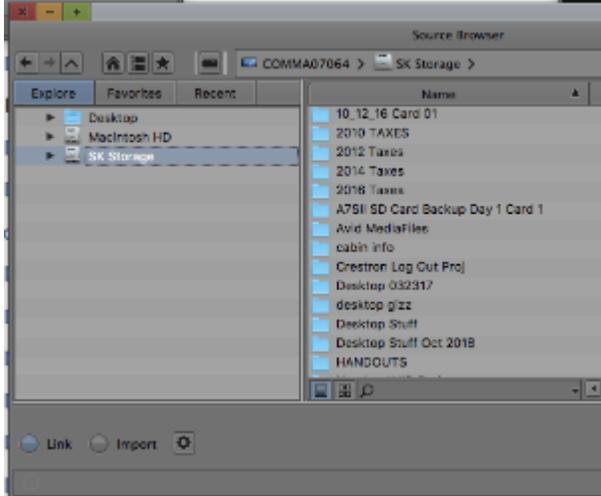
Use this workflow

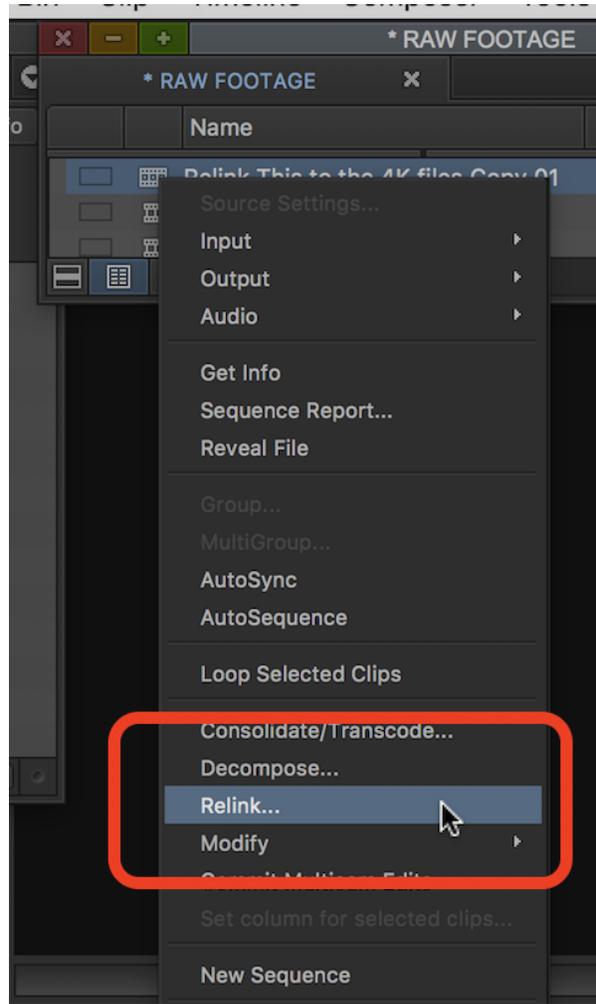AVID – How To Export an .aaf and QuickTime export to Davinci Resolve After Relinking to 2K or 4K Native files

This workflow is created to explain how to link back to your camera originals and then convert the files to DNxHD 175X or DNxHR full res files.

If you are already editing in DNxHD 175 or higher then you don't need to relink to camera originals.

You will create a QuickTime and then go to the Exporting to AAF step in the middle of this wiki document.

- Duplicate the sequence and put in a new bin. - Export a DnxHD Quicktime for "Resolve" as reference. - See this wikidoc https://wikis.utexas.edu/display/comm/AVID-+Export+a+AVID+DNxHD+23.98+Quicktime	
Change from this	
To This	
Relink to the volume that the raw .r3d or other .movs or uncompressed native files are on. Go to >Tools>Source Browser	

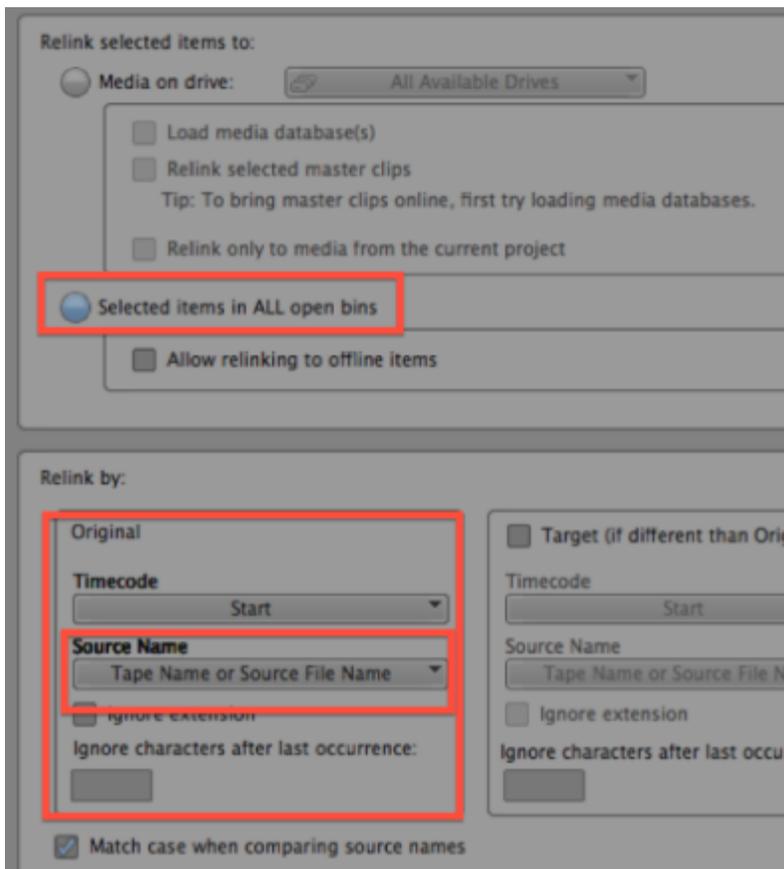|	
Locate the original Native Pro Res .movs QuickTimes Click Open	
Use the settings "Bins Based on Current AMA Setting" Click OK	
When ready to online reconnect to the native camera files. Select all AMA FILES in the AMA folder Right click the sequence to relink and choose Relink	

Right click the sequence to relink and choose Relink

Use the standard relinking options after the AMA media has been mounted

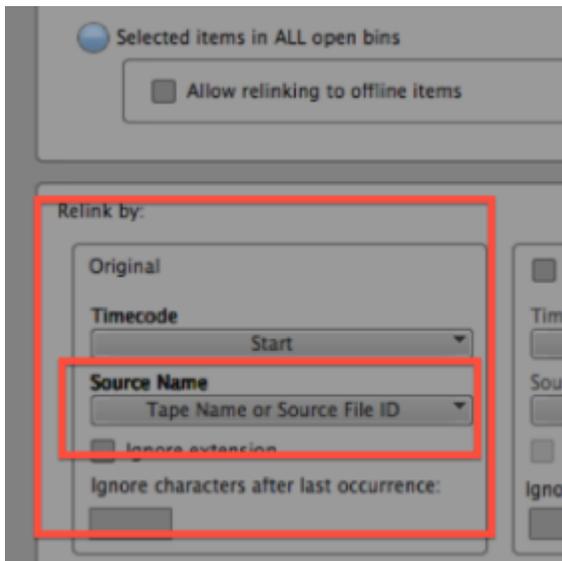Choose Selected Items in All open bins

Choose to relink by Tape Name or Source file Name

Relink selected items to:

○ Media on drive: All Available Drives ▼

☐ Load media database(s)
☐ Relink selected master clips
    Tip: To bring master clips online, first try loading media databases.
☐ Relink only to media from the current project

○ Selected items in ALL open bins

☐ Allow relinking to offline items

Relink by:

Original

Timecode
Start ▼

Source Name
Tape Name or Source File Name ▼
☐ Ignore extension

Ignore characters after last occurrence:

☐ Target (if different than Orig

Timecode
Start

Source Name
Tape Name or Source File N

☐ Ignore extension

Ignore characters after last occu

☑ Match case when comparing source names

If that doesn't work choose

Choose to relink by Tape Name or Source file ID

○ Selected items in ALL open bins

☐ Allow relinking to offline items

Relink by:

Original

Timecode
Start ▼

Source Name
Tape Name or Source File ID ▼
☐ Ignore extension

Ignore characters after last occurrence:
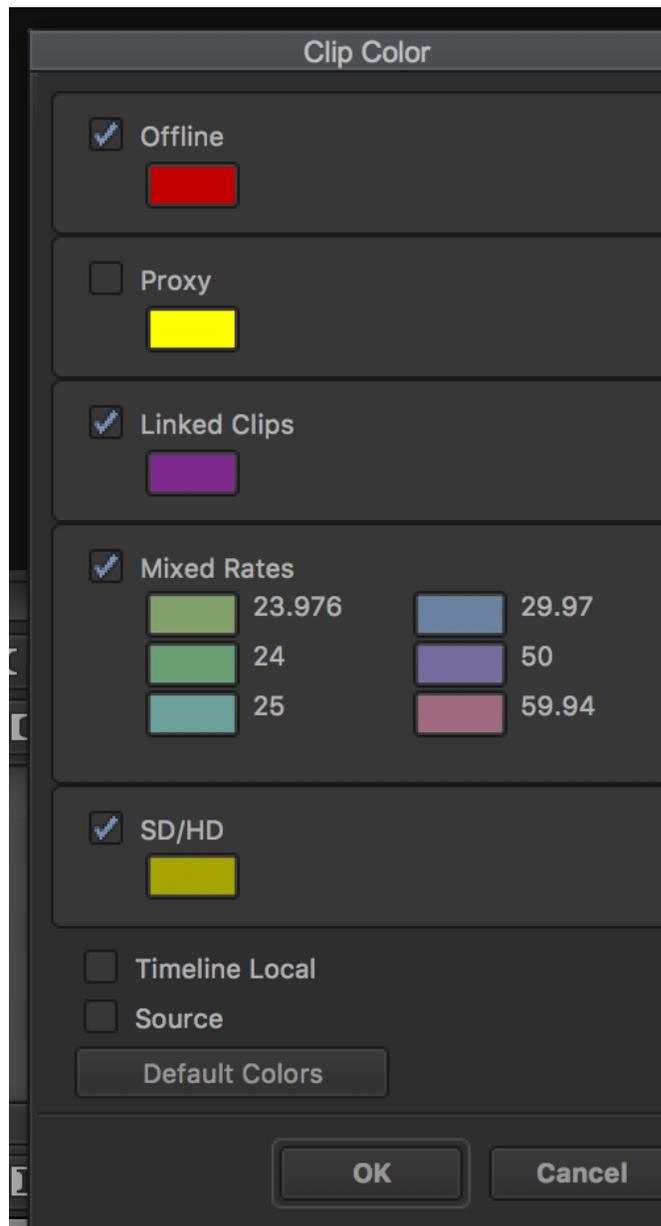
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Ignor

Change the timeline Clip Color to show AMA clips as a different color so you can make sure you are linked to the "Native" ProRes .mov QuickTimes
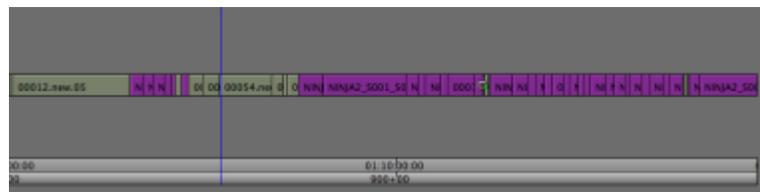
Go to the Timeline "fast menu"

Choose Clip Color
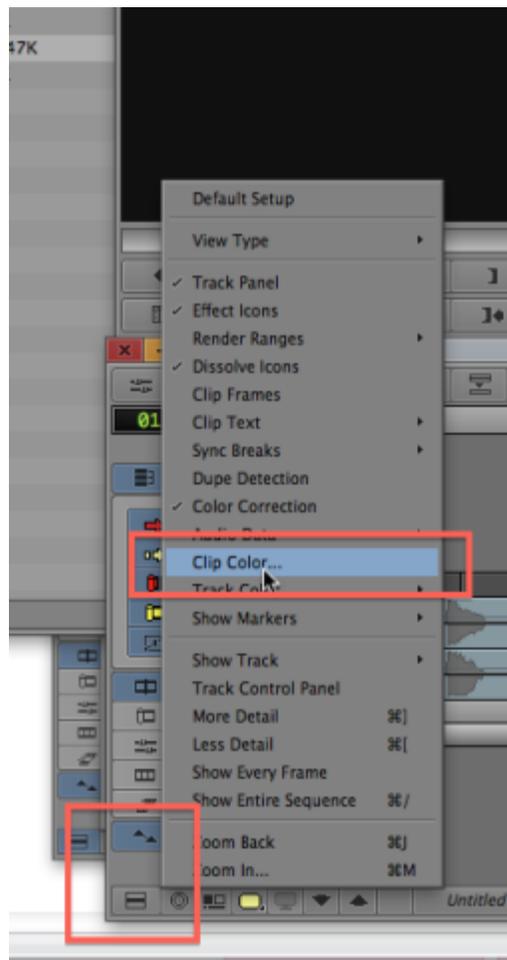
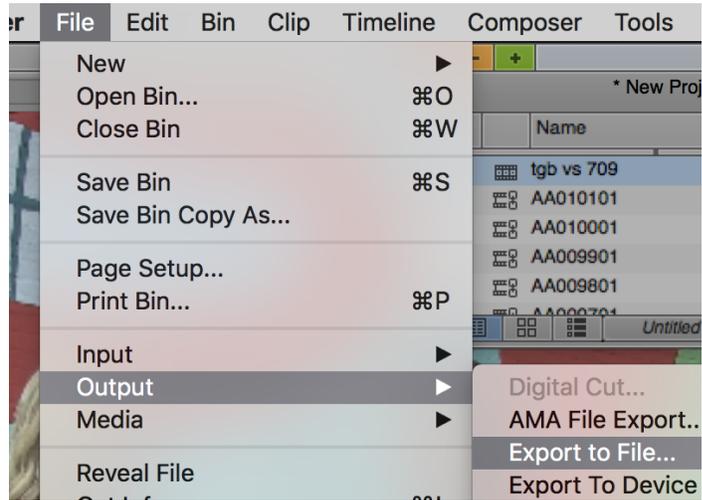|	
Choose a color for the AMA clips and make sure the "checkbox" is checked for Linked Clips	**Clip Color** ☑ Offline [red] ☐ Proxy [yellow] ☑ Linked Clips [purple] ☑ Mixed Rates [green] 23.976 [blue] 29.97 [green] 24 [purple] 50 [teal] 25 [mauve] 59.94 ☑ SD/HD [olive] ☐ Timeline Local ☐ Source [Default Colors] [OK] [Cancel]
Notice in this timeline only part of the clips turned purple. You should have the entire timeline show purple clips so that you know all the clips are relinked.	
On AVID timeline, you can -Match Frame>Find Bin>Reveal File to double check the files are relinking back to the original camera native files	

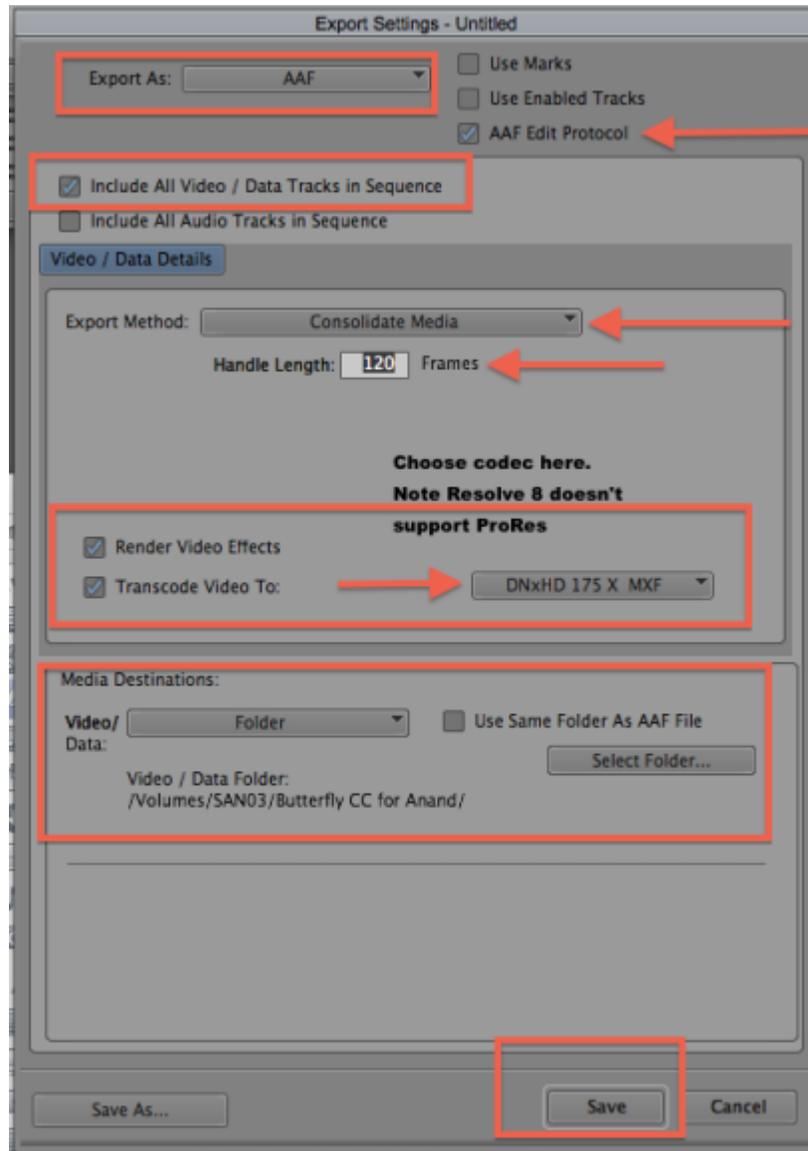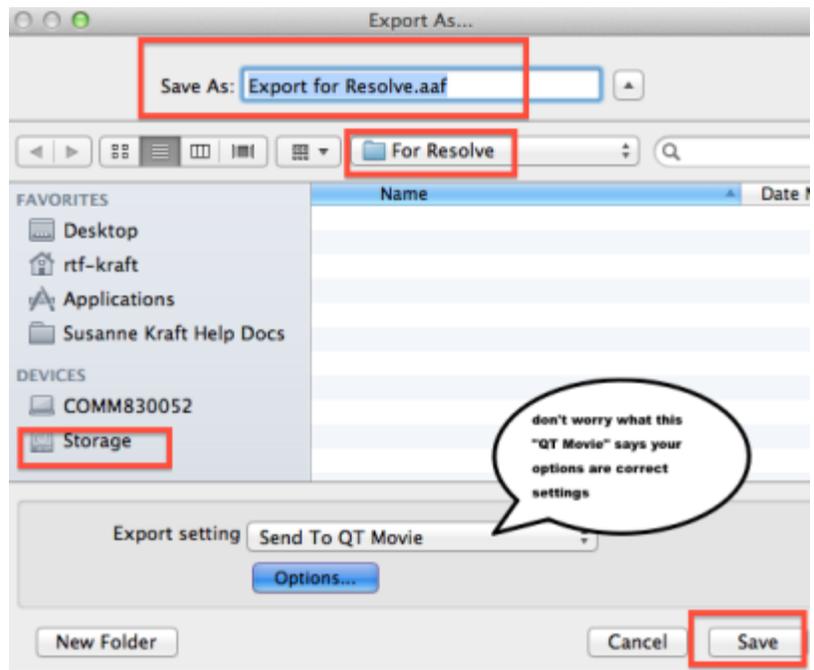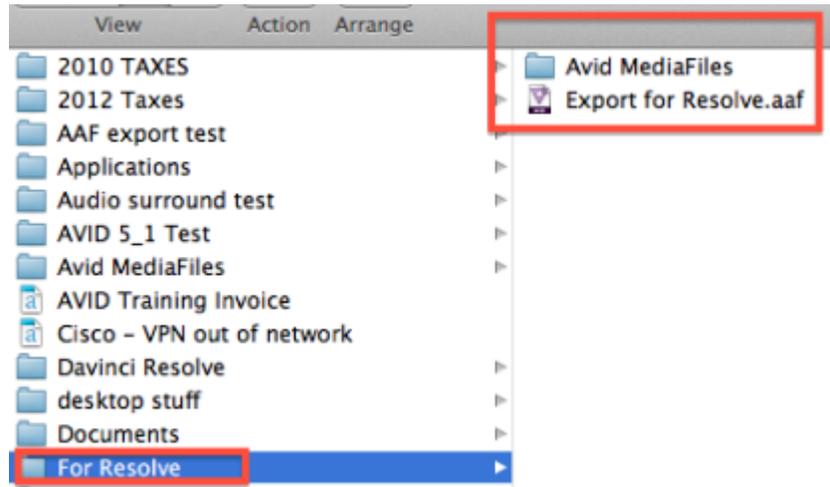|	
Next go to >File>Output>Export to File>	
Export as .aaf Check the AAF Edit Protocol box Check to Include All Video/Data Tracks in Sequence Choose to Render Video Effects Transcode Video to DNxHD 175X MXF Choose a folder to save the .mxf and .aaf files Or use the same folder as where you are saving the .aaf Click - Save	

Choose where to save the .aaf and title it keeping the .aaf extension. Don't worry what the Export Settings Drop down states. We set the "Options" correctly Click Save	**Export As...** Save As: Export for Resolve.aaf For Resolve FAVORITES Desktop rtf-kraft Applications Susanne Kraft Help Docs DEVICES COMM830052 Storage Name ▲ Date don't worry what this "QT Movie" says your options are correct settings Export setting: Send To QT Movie Options... New Folder Cancel Save
The export when finished will look like this Avid MediaFiles folder and an .aaf	View Action Arrange 📁 2010 TAXES 📁 2012 Taxes 📁 AAF export test 📁 Applications 📁 Audio surround test 📁 AVID 5_1 Test 📁 Avid MediaFiles 📄 AVID Training Invoice 📄 Cisco – VPN out of network 📁 Davinci Resolve 📁 desktop stuff 📁 Documents 📁 For Resolve 📁 Avid MediaFiles 📄 Export for Resolve.aaf
Deliver this folder and the DNxHD quicktime to the colorist or if you are color grading your own project import the .aaf into resolve.	