

johngwheeler wrote:

We might use "insert into timeline using timecode" to create a daily string-out to help with clip selection.

I don't think that feature helps for that situation. Seems like having all the clips next to each other is the better approach for such a review.

Or the Source Tape feature on the Cut page.

My thinking is also that the audio would be synced in the bins, not in the timeline, so again not sure the Insert using Timecode would be useful.

I think just the well organized folder structure on disk, mirrored with the project bins, will see you through fine. You will be able to select the corresponding clips for syncing quite easily.

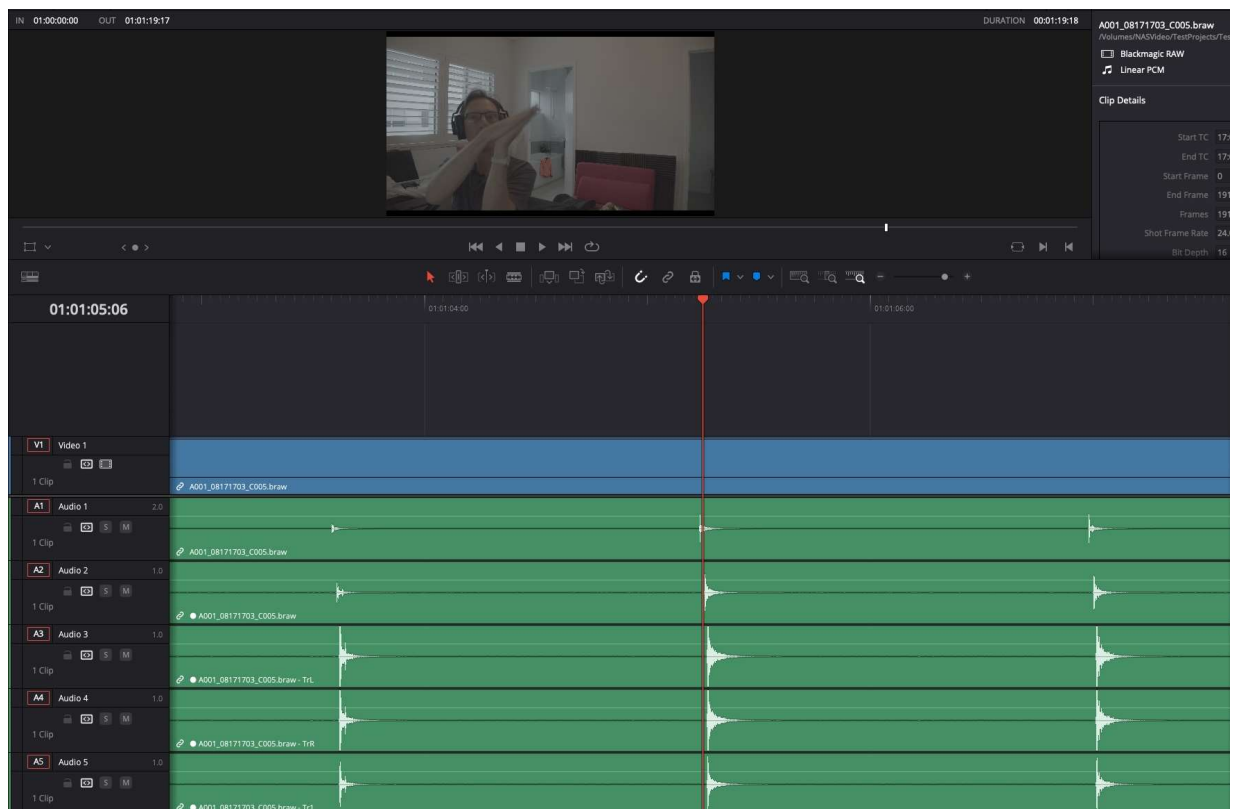
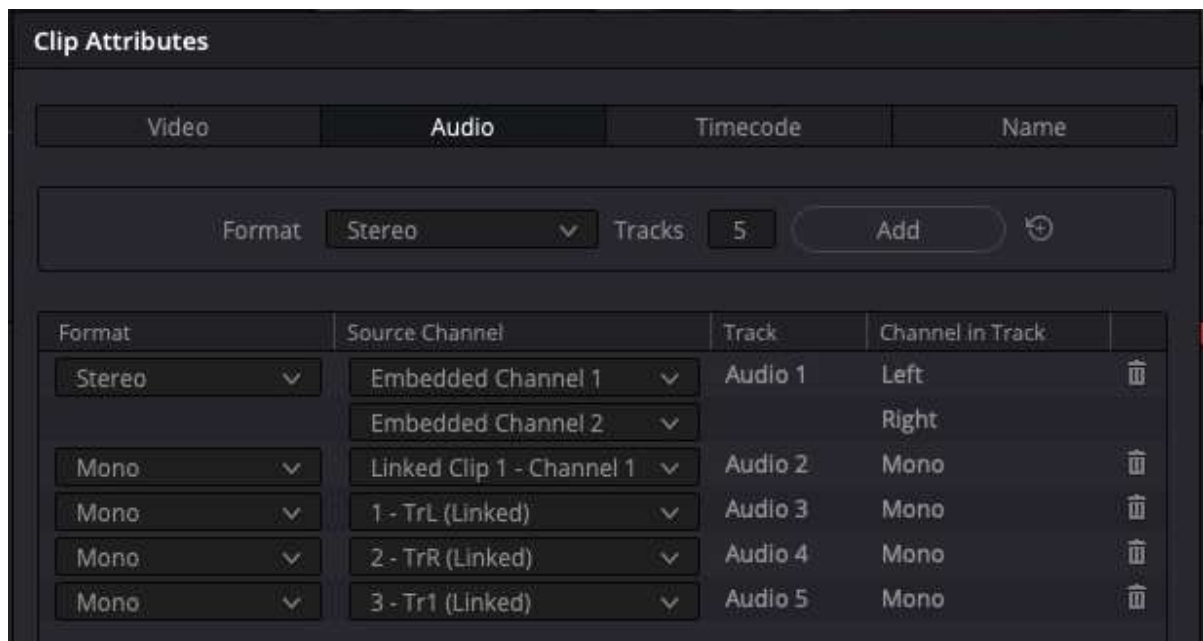
Auto-Sync Audio Based on Timecode and Append Tracks: Adds new channels in addition to the audio channels that were previously in the media file. The newly synced channels are added to an additional track, so when edited into the Timeline, a clip that's synced this way appears with one video clip and two audio clips that occupy two different audio tracks, so you can edit the camera original audio independently from the synced audio.

"

One caveat is that the audio files must at the same bin level as the video files, or in a sub-bin under the video. Mine weren't and this is probably why my earlier experiments did not work. I selected the top level bin, and right-clicked "Auto Sync Audio->based on timecode and append tracks". Initially it didn't look like it did anything, but I checked the video clip's attributes and saw:

You can see the original stereo camera audio tracks (which were not used), and the 4 audio tracks I recorded separately (first one is Rode Wireless Pro transmitter internal recording, bottom 3 are from Zoom recorder).

I added the video clip to a new timeline and could see the sync'd audio tracks:



This looks like it has linked the new audio tracks to the video, which is helpful for keeping sync, and I presume I can unlink tracks if necessary.

I was able to do all of the above in the Media Pool, so that makes my concerns about timeline sync over multiple days moot - provided I separate my media into separate folders per day (which I do anyway), and realized that the file-system hierarchy (with separate audio and video folders at the same root level) must be altered when converting these to media pool bins (because the audio files (or bin) must be contained by the video clip bin).

Phew! Looks like I got there in the end!

Jim Simon wrote:

johngwheeler wrote:One caveat is that the audio files must at the same bin level as the video files, or in a sub-bin under the video.

I don't believe that's correct. At least, I've never done it that way.

Organize your bins in a way that mirrors the folders on the hard drive. Then simply Ctrl+Click the corresponding bins to see matching video and audio clips, select them all, and Sync away...

[UPDATE: @Jim Simon was right, and the Resolve Manual is wrong.... !]

This is the text from p.421 of the Resolve manual (Ch. 21 "Syncing Audio and Video"):

To batch sync audio to video using timecode:

- 1 Create a new project, open to the Media page by default, and import the video media you need to sync into any bin of the Media Pool.
- 2 Import the matching Broadcast .wav files into the same bin as the accompanying video media you imported in Step 1. If you want to stay more organized, **you can create another bin to contain the audio clips, but it must be inside the bin that contains the video files.** The audio bin can be named anything you like.

So I assume that my statement is true, although my failure to get this working earlier may have been due to a different cause....

I'll have to test this again when I have a few minutes.

[UPDATE: I tested this and found that Jim was indeed correct. I created a bin called "AudioSyncTest" and two sub-bins "CameraA" and "Audio" at the same level under "AudioSyncTest", copying the video and poly-WAV file into the respective bins.

I checked the clip attributes of the video file and removed the appened audio tracks that had been added from my previous test, so it should be in its original state.

Right-clicking the "AudioSyncTest" bin and doing the "Auto Sync Audio->based on timecode and append tracks" still worked and updated the audio tracks on the video clip.