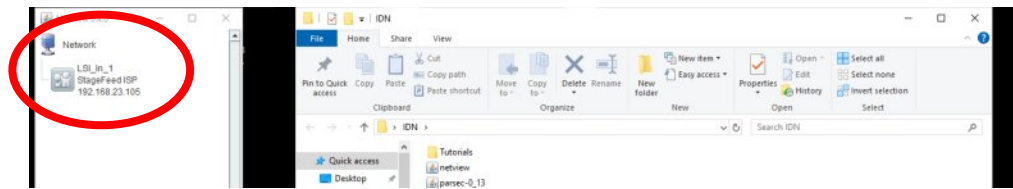


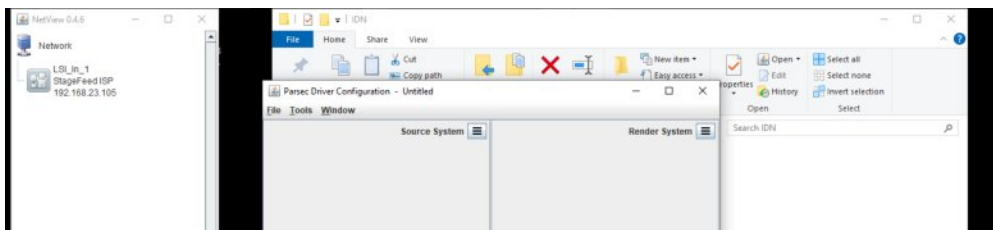
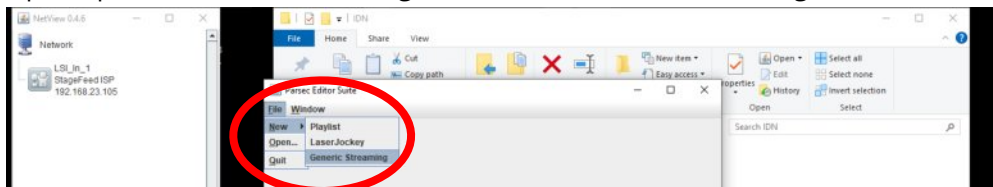
"Using Parsec" - IDN Recording Tutorials by Tim Walsh

IDN Tutorial #4 - Recording a single laser track into Parsec 13

Turn on a single StageFeed or other IDN input device, be sure that it is connected to the PCs network.



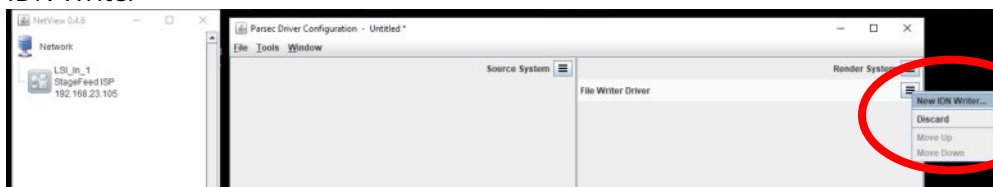
Run Parsec-13, and use the menu to select New - "Generic Streaming" - a new window will open up - the Generic Streaming window or Parsec Driver Configuration window



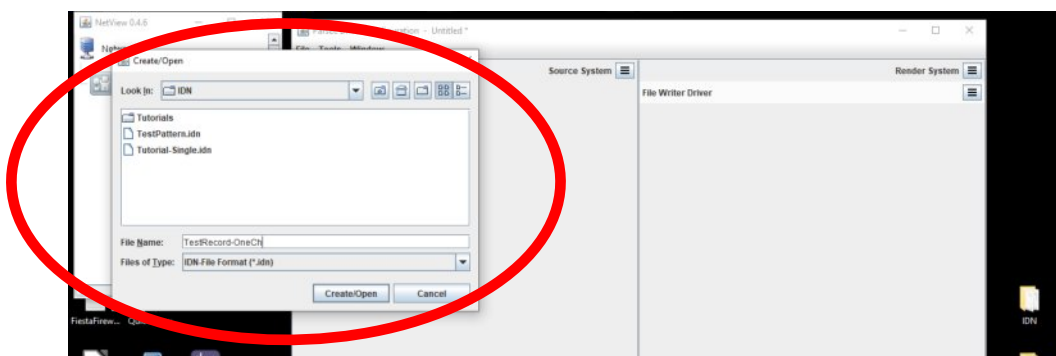
Create a "Render System" first- do this first as the next step will be looking for the result. Click the hamburger menu on the right next to "Render System", and select "New File Writer Driver" - for recording we want to write a file.



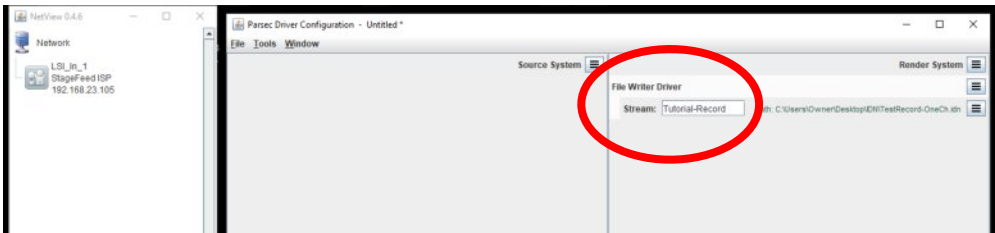
A new "File Writer Driver" will appear, click its hamburger menu and select "New IDN Writer"



A new IDN Writer will appear, and you must supply the filename and stream information. First enter the filename into the "Create/Open" window, and save. It is easy to change this later if you want to.



Next, enter a name for the stream in the blank area after the word "Stream:" I think of this as more of a project name to use to group filenames together if needed later.



Click the lowest hamburger menu and select "New Track" - lapro

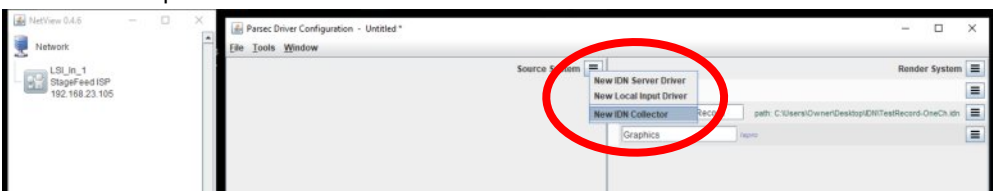


A new line will appear with a "Service Name" to be filled in - this is important as the name of this service will be used in the future to recognize what type of laser projector this file will need. In this case we are using a graphics projector so I will type in "Graphic" or "Graphics". This step completes the Render System.

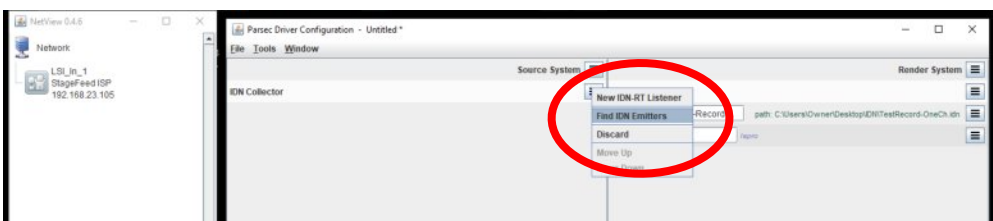


Next, create the "Source System" -

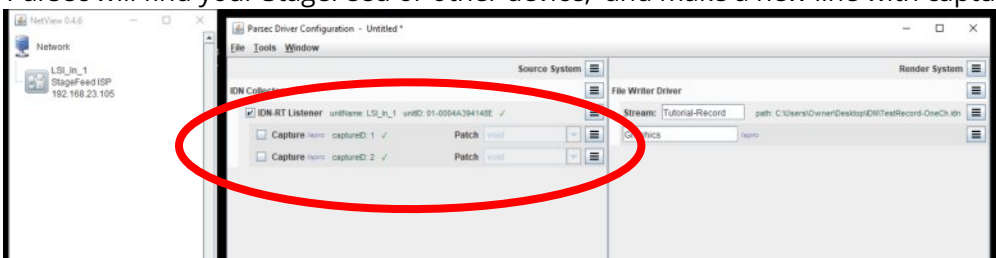
Click the hamburger menu next to "Source System", and select "New IDN Collector" from the dropdown.



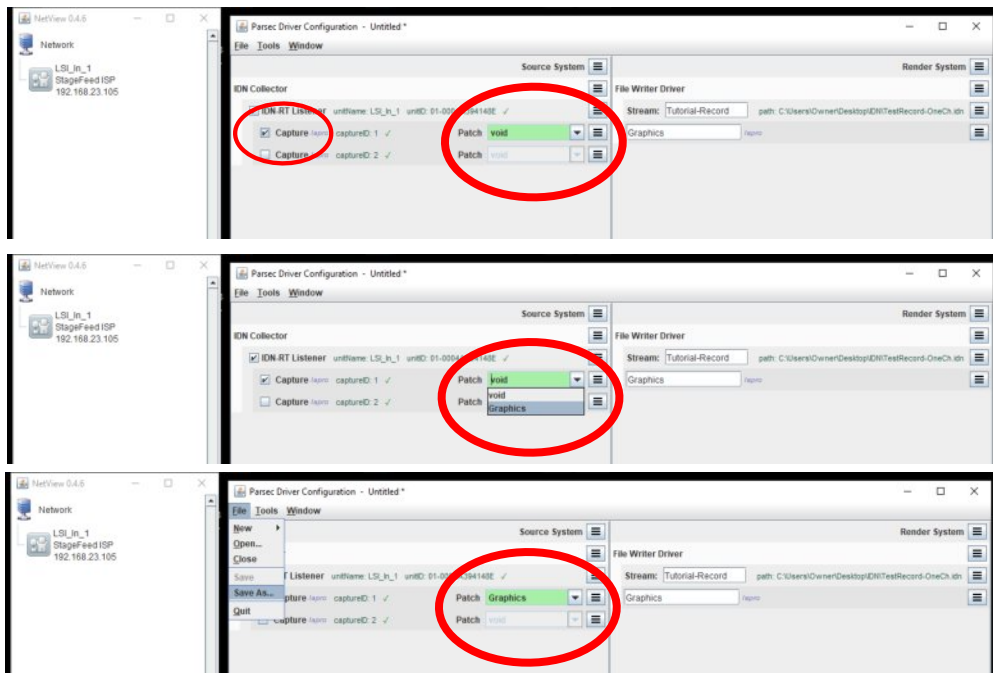
From the new hamburger menu, select "Find IDN Emitters".



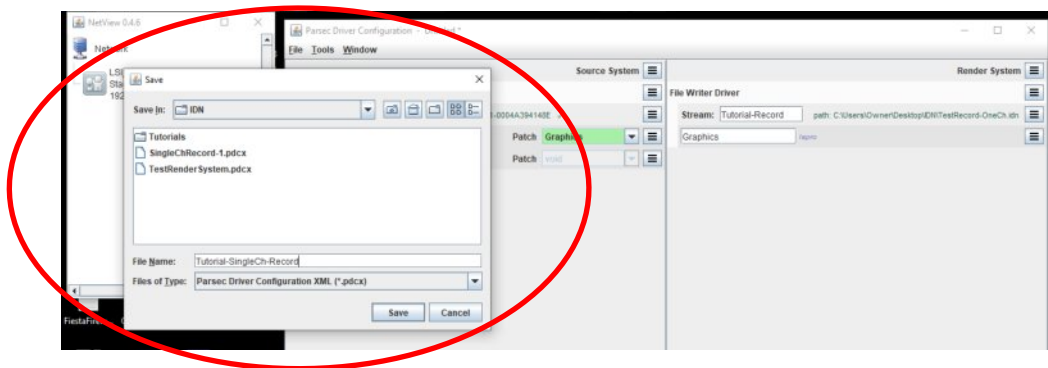
Parsec will find your StageFeed or other device, and make a new line with capture settings below it.



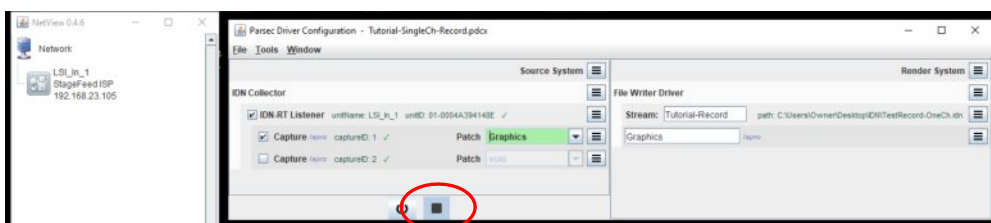
Click the first checkbox so that a check appears, and then click the dropdown next to “Patch” to the right that says “void” (the default), and select “Graphic” or “Graphics” to connect to the render system that you already made.



This is a good time to go to the “File” menu and select “Save” so that you have your work saved.



Now you are ready to record! Click the “Record” button at the bottom of the window and start your source material playing back through the DB-25 connector on the StageFeed or other device. Click the black square next to it to stop when finished.



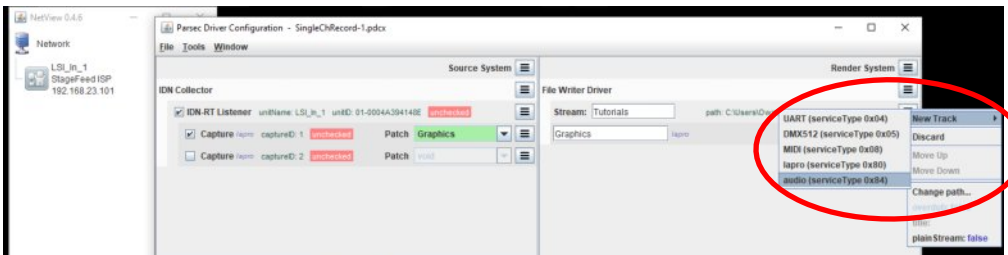
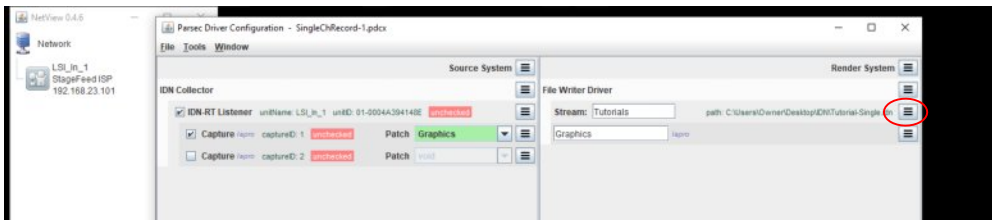
Currently I am not monitoring the laser recording, (in my experience if the StageMate and StageFeed are turned on at the same time in the same network, they will try and pair up, bypassing Parsec) but if things are going well, a tiny blue LED will be turned on on the back of the StageFeed during recording.

When finished, go to the file window that you are using to save everything, and hover over the filename that you entered previously. If there is material recorded, the file will be larger than just a few Kb. If not, then delete the file and figure out what went wrong. A typical mistake that I make is to forget to actually patch the output of the laser show computer to the input DB-25 connector of the StageFeed!

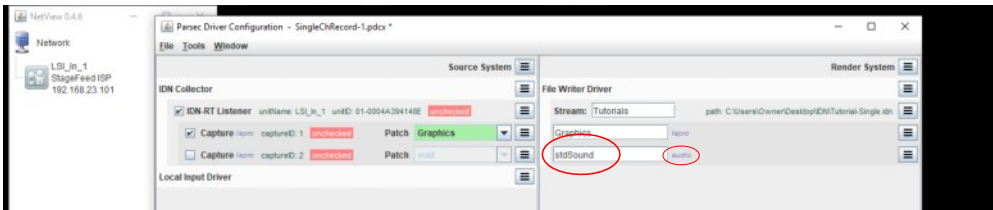
At this point save your work, and playback the file to check to see that you have indeed recorded a single track laser show into IDN. If everything is looking good, let's go on and add an audio track to the recording setup.

ADDING AN AUDIO TRACK

Start by adding an audio output to the Render System. In the menu across from "Stream" select "New Track" and "Audio"



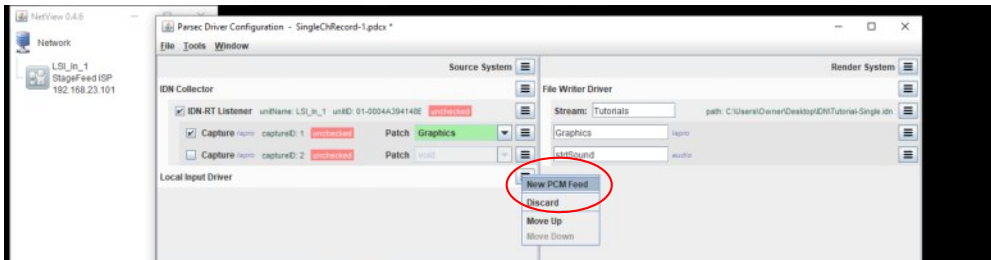
Type in the name of the service "stdSound". Note the tiny word "audio" next to the name.



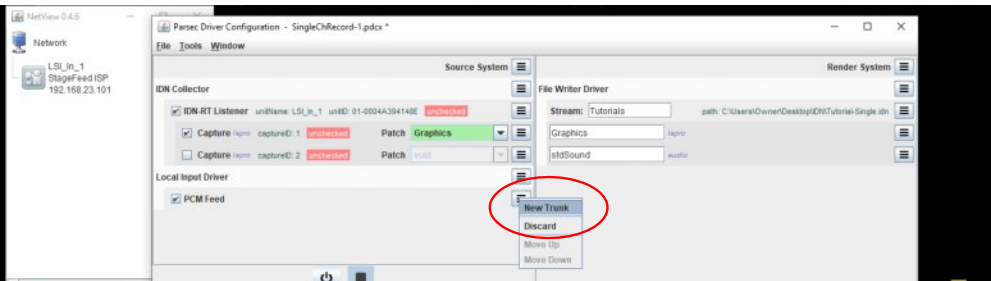
Move back to the Source System. Use the top menu next to Source System and select "New Local Input Driver"



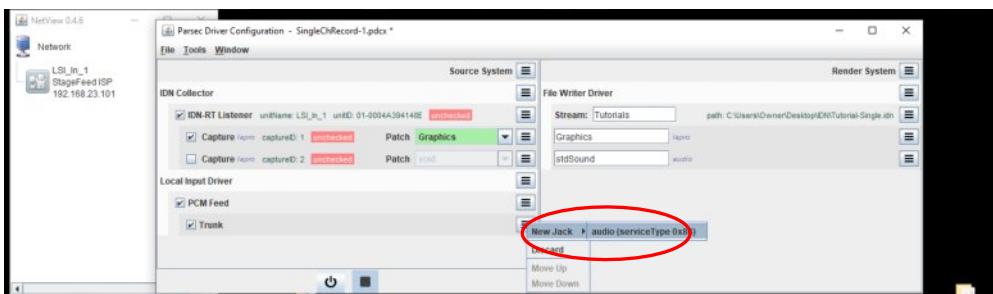
From the new Local Input Driver menu select “ New PCM Feed”



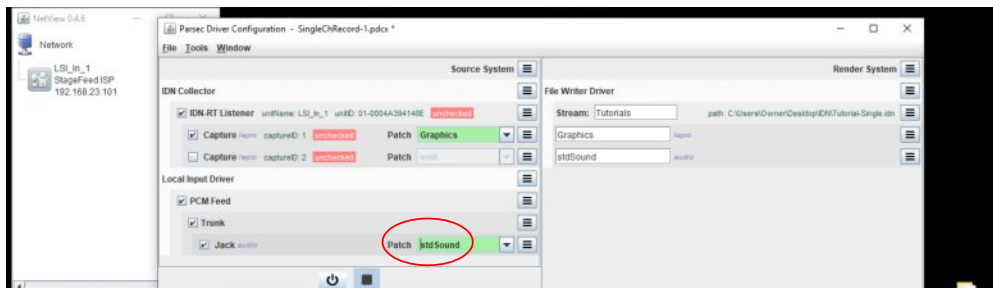
From the new PCM Feed menu select “New Trunk”



From the New Trunk menu select “New Jack” - “audio”

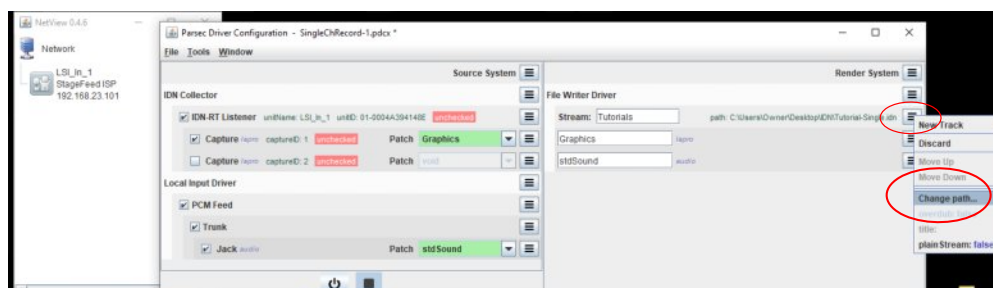


In the new Jack line patch the audio to “stdSound” to match the Render System output

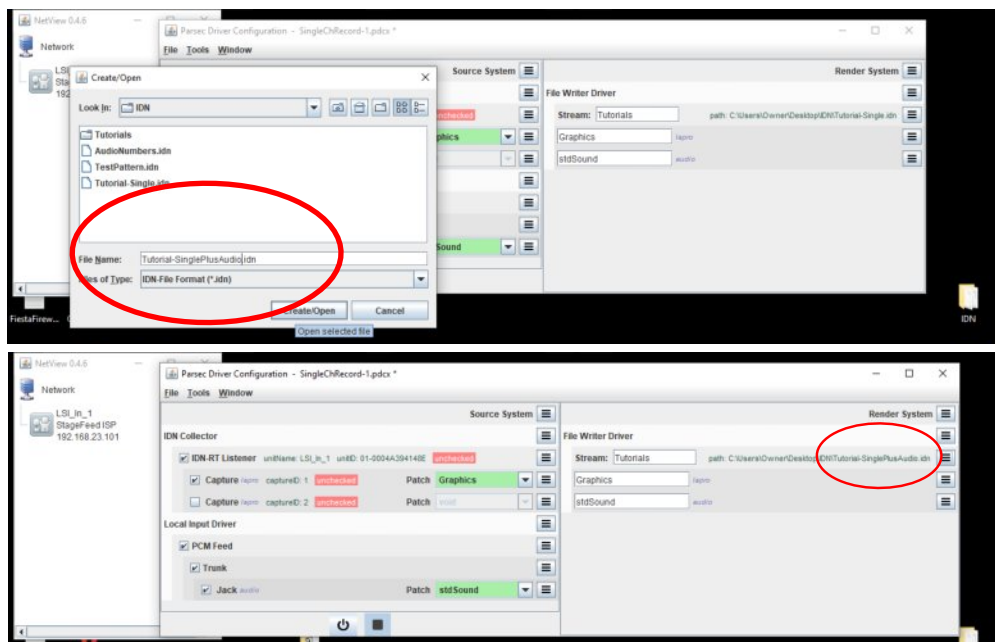


Make a new filename for the next recording -

Click on the “Stream” Menu - “Change Path” - an input window (Create/Open) will open allowing you to enter a new name. If you don’t make a new name, Parsec will see that you have already used the old name and give you an error message.

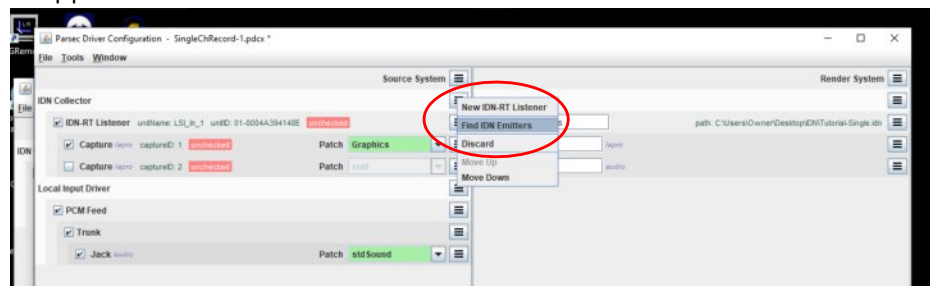


Use the Create/Open window to enter your new name for the file to be recorded, you can see the new name appear in the displayed path to the right.

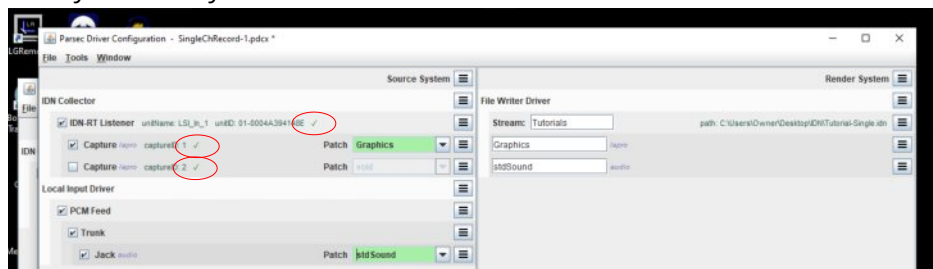


Why are some items “pink” instead of “green?”

These items are pink and say “unchecked” because the program has not verified that the IDN devices are actually there. To get Parsec to verify, click the menu across from “IDN Collector” and click on “Find IDN Emitters”. If Parsec sees the IDN devices, the pink boxes disappear.



Now you see tiny check marks next to the services.



Now you can record, same as before, and the laser audio track playing on your local PC will be recorded. I find that setting the output volume on the PC to “70” gives a good solid audio level, but yours may be different. Currently there is not way to monitor the signal level so keep notes on what works for you.