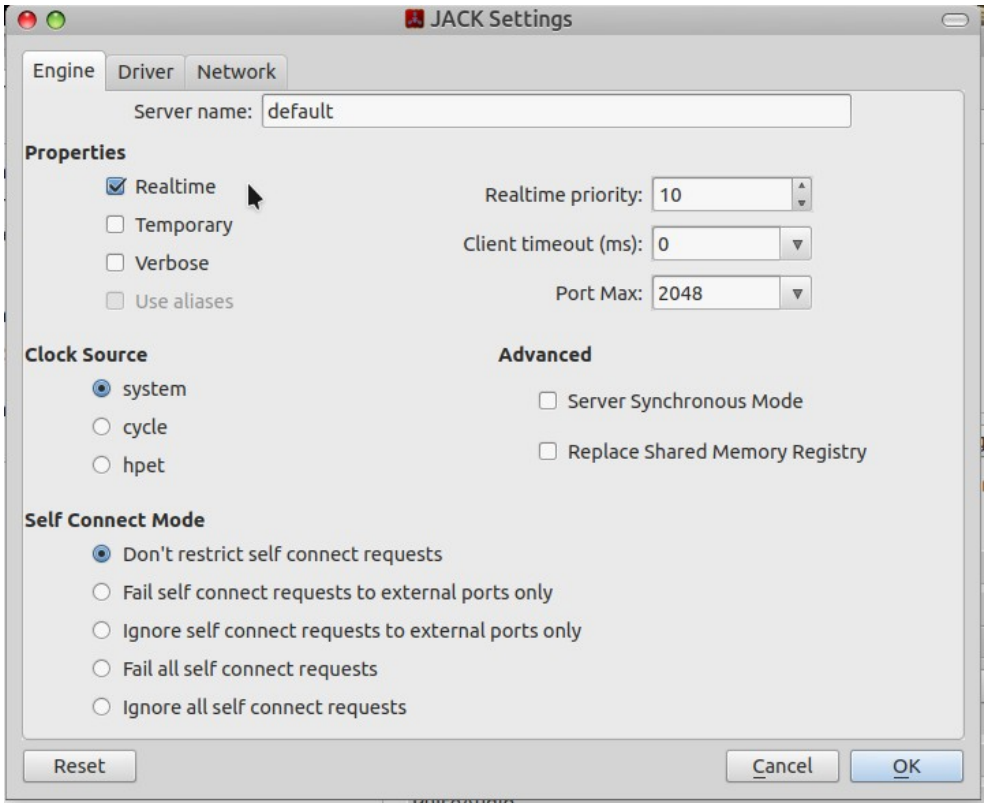
Pearl7-StudioPack

This manual will help you with initial setup of Cadence which makes using Jackd easy

This manual is a work in progress
Please forgive the construction

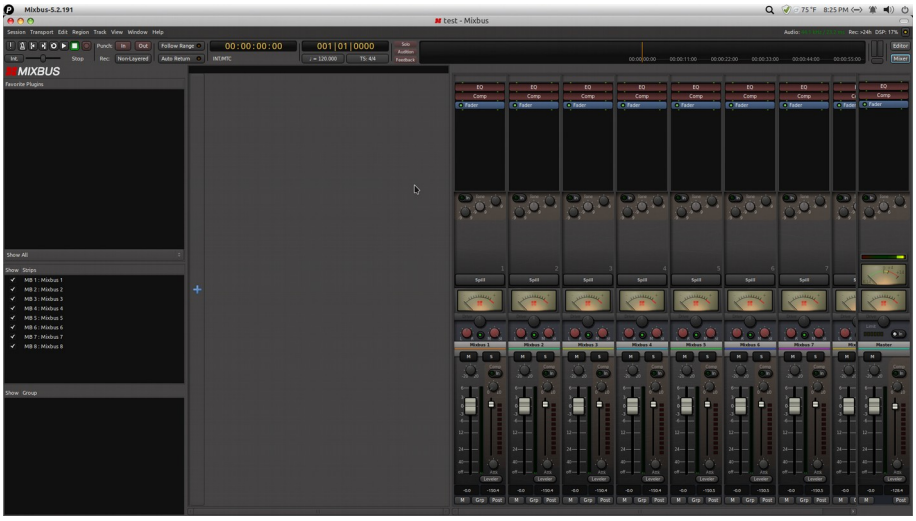


By default Pearl Studio does not
Use the RealTime Kernel to do so
See the simple command to type
in terminal window to use Realtime.



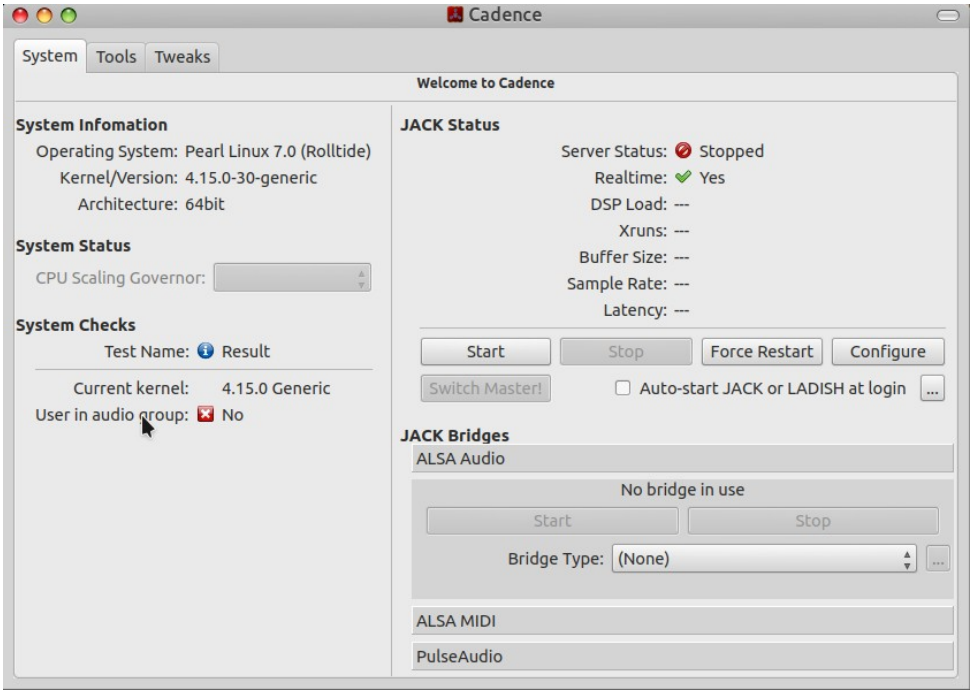
sudo apt-get install linux-lowlatency linux-headers-lowlatency

Getting started with the Pearl7-StudioPack



*Above is a screenshot of the **Harrrison Mixbus-5.2.191***
This tutorial will work for MixBus or Ardour however
We highly recommend the Harrison MixBus

1) First open **Cadence** from the sound and video menu

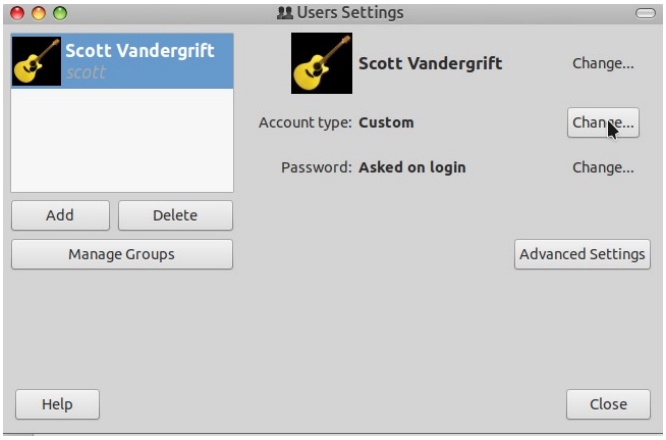


In this dialog you will notice on the left it states no
As to whether your username is in the “audio” group
We need to add your username first
You may close Cadence for now.

1st open control center and click user and groups



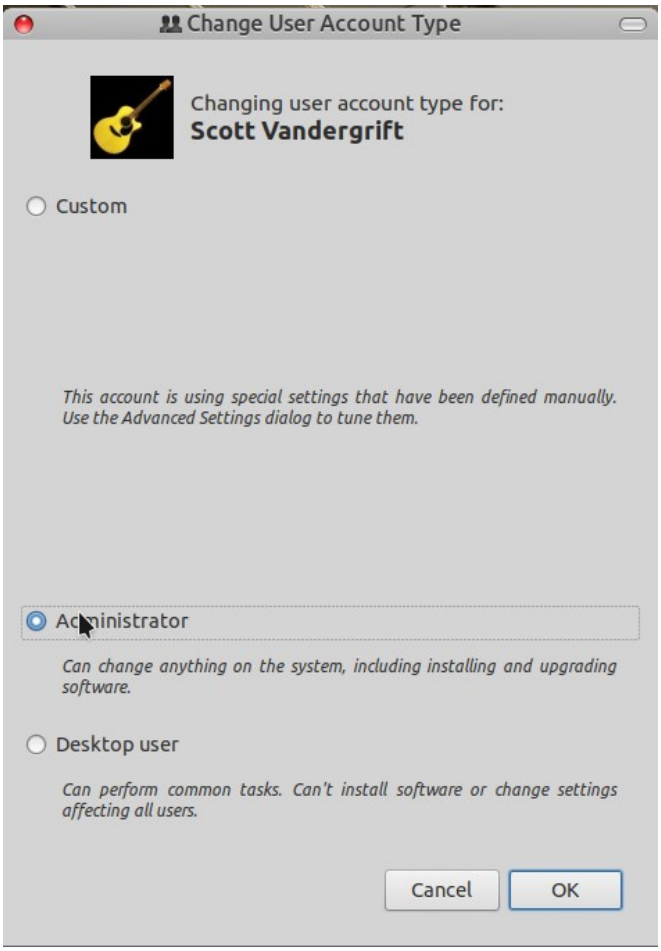
Lets first change Account Type From Custom to Administrator



First screen



Final screen

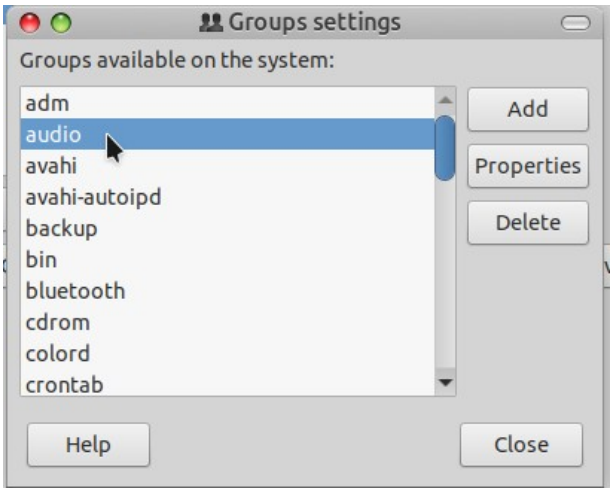


Second screen

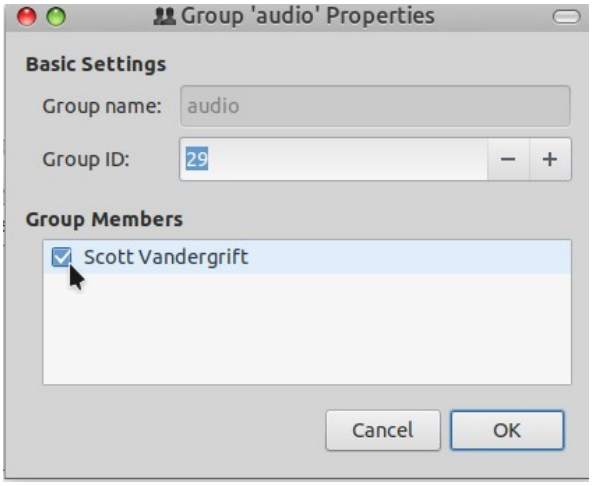
Account Type now says Administrator



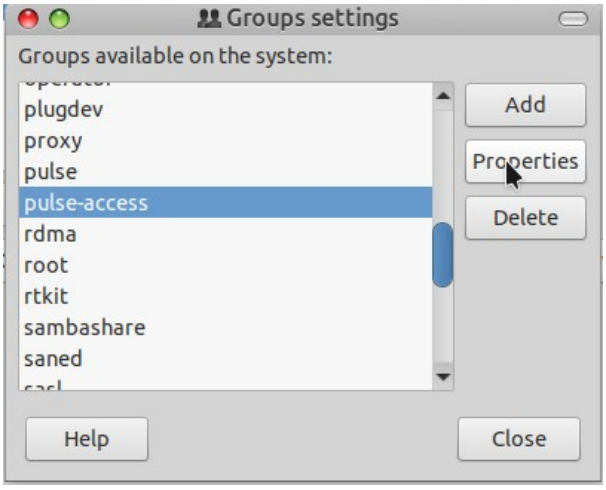
Lets add your username to group file now



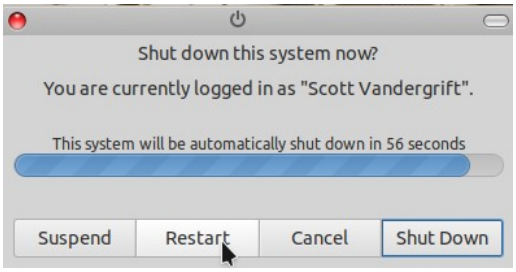
Screen one



Screen two

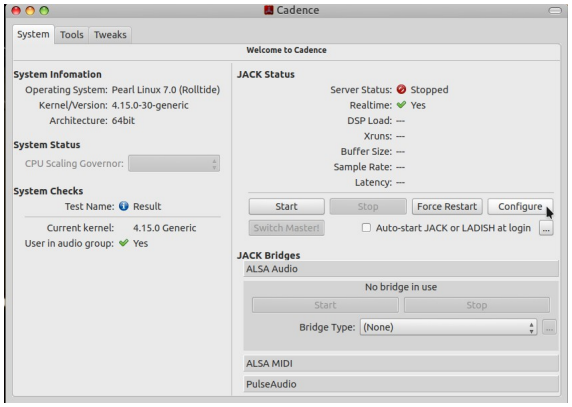


Also add you to the Pulse-Access group



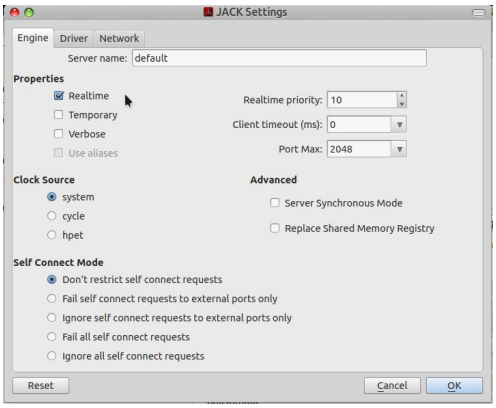
FINALLY
Now lets Reboot System

A



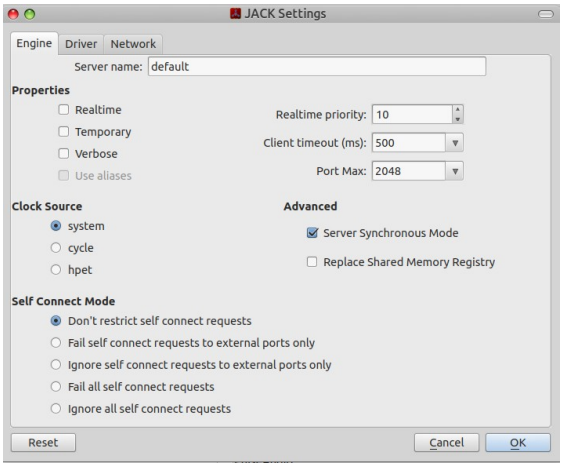
After reboot notice you are in the audio group

B



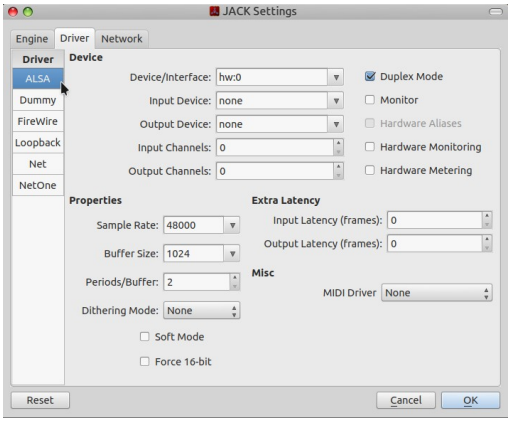
Uncheck Realtime

C



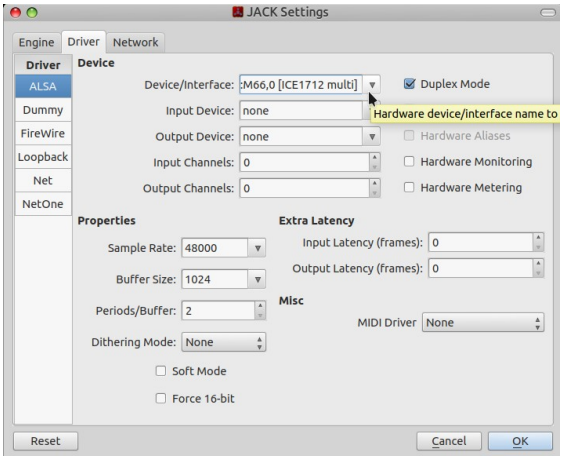
Check Server Sync Mode

D



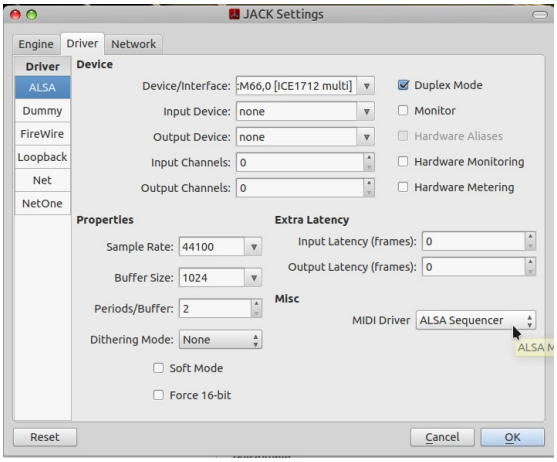
Choose your Main Sound Card
Under Device/Interface
Screenshot above is before change

E



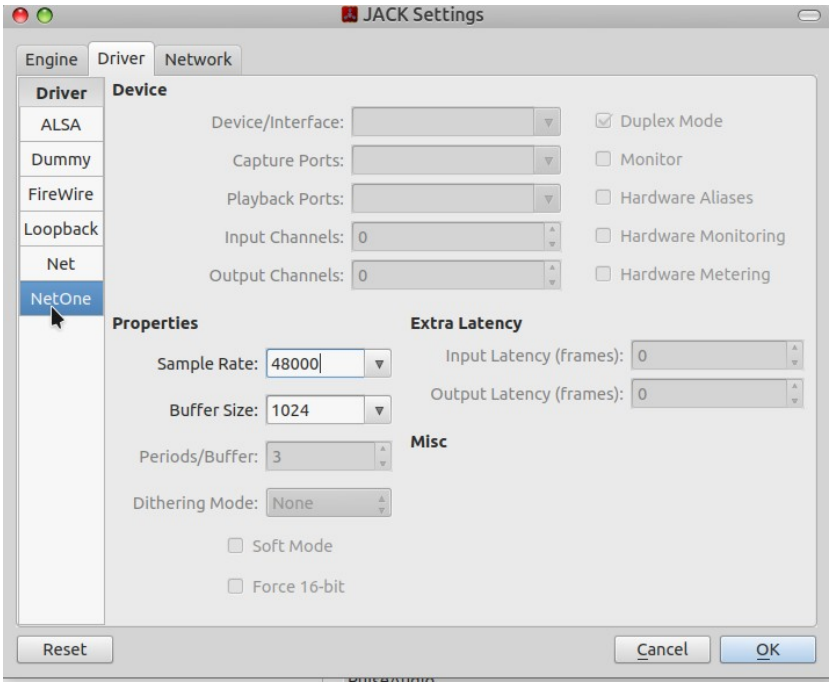
Choose your Main Sound Card
Under Device/Interface
Screenshot above is after change

F



On same dialog screen change
MIDI Driver to ALSA Seququencer

G

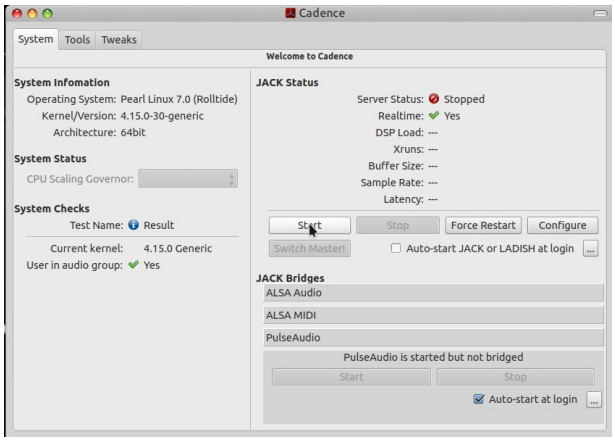


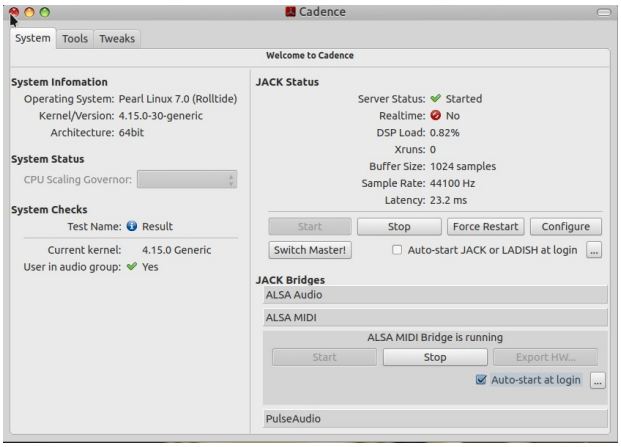
Now this is the final step to the initial setup of Cadence. notice the far left under “Driver” If you are changing the sample rate as in this example we are changing it from 48000 to 41000 make sure you change it under ALL the Driver categories.

Now double your changed settings. Once this is done you pretty much don’t have to do anything else at all as far as setting up Cadence which controls Jackd.

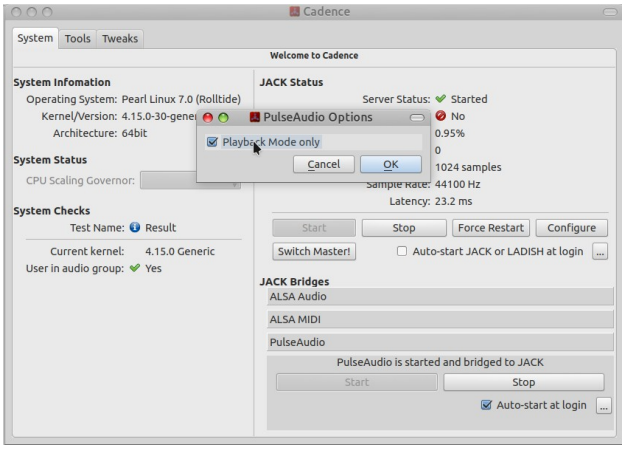
Once you open Cadence and start it you can close the window. It will run in background. You will also notice there will be a cadence icon on top panel.

START Cadence and you may close the window









Once you have started Cadence on bottom right section under Jack Bridges make sure they as in screenshots above

Now were finished the Cadence/Jackd Setup

Now you may open MixBus or any software that uses your sound card and Cadence will automatically route sound card settings for software and you may use them simultaneously
Example --> Use Mixbus while using Firefox
And sound works on both thanks to Cadence