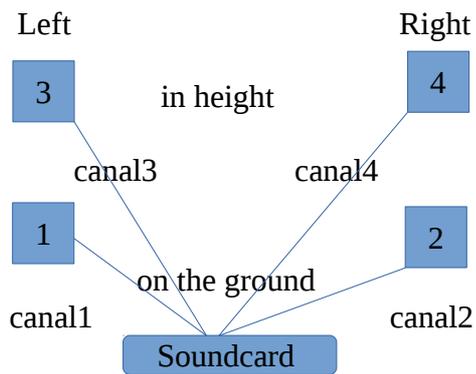


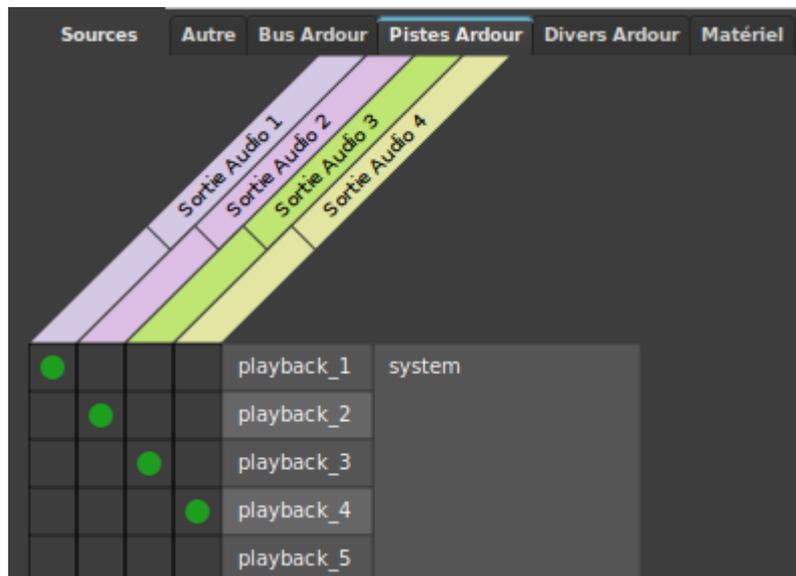
LibraZiK2 , Ardour5.12 and Focusrite 18/20. All connections have been verified.
speakers :



I start by creating four monophonic audio tracks as well

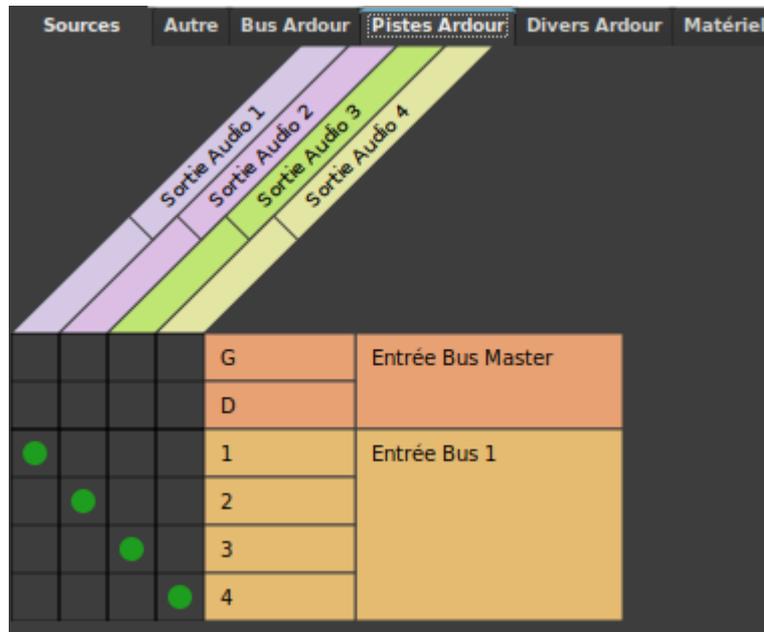


I assign channels :

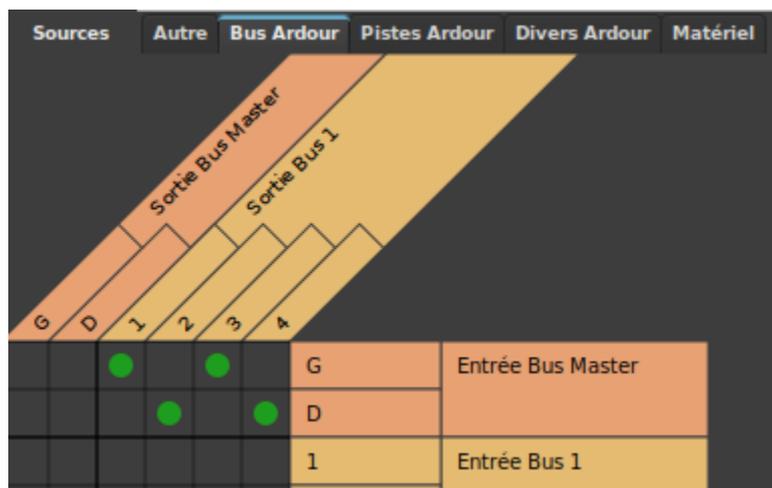


Everything works as expected. The tracks come out well on the speakers corresponding to the channels and I can be content with that. But if I want to use a general-purpose plugin like a compressor, I have to define it for each track, which is not very economical in medium and resource.

I create a Bus1 on which I drive the tracks as well.



Then I define the outputs of Bus1 in this way:



The audio1 comes out on the channel1 of the Bus1 but in stereo on the Master Bus (?) thus in the center, which modifies the perception.

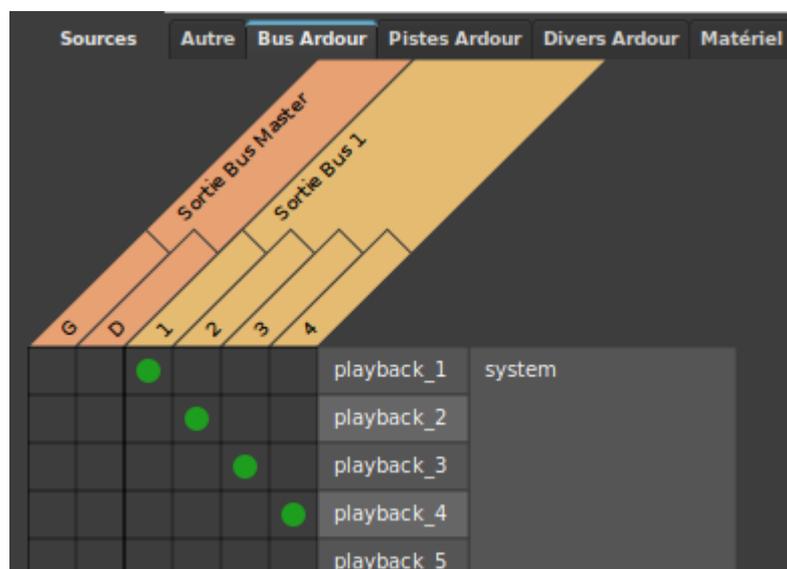
The audio2 comes out on the channel2 of the Bus1 and on the left voice of the Master (normal)

The audio3 comes out on the channel3 of the Bus1 and on the right voice of the Master Bus (normal)

The audio4 comes out on the channel2 of the Bus1 but in stereo on the Master (?) So in the center also.

Why this stereo for the 2 extreme tracks?

Now if I change my distribution and I directly assign the channels (speakers) to the outputs of Bus1



I get a curious routing:

output1 becomes stereo (playback 1 and 2)

the exit2 which should go to playback 2 goes on the speaker 3

the exit3 which should go on playback 3 goes on the speaker 4

the output4 becomes stereo (playback 1 and 2)

On the one hand, we have the two extreme channels that become stereo as before, but in addition the distribution of the outputs is changed.

This makes it impossible to predict the spatialization of the outputs since we can not guarantee that this or that sound will come out well on the contemplated speaker.

The idea of an intermediate bus is in itself a very good idea, but this problem makes it difficult to use them especially in music where spatialization plays an important role.

This is an important bug that should be corrected in the future if possible.

If I use a multichannel master bus, the result is the same. Which means that the intermediate buses work much like the MasterBus at least for routing.

D. Blanchemain 12/04/2018