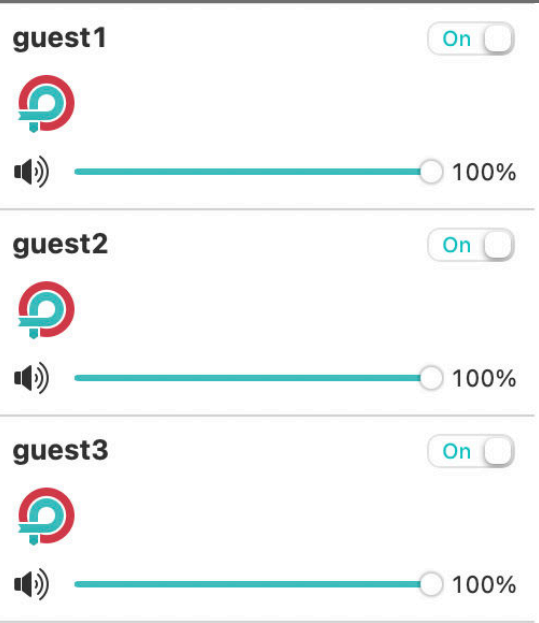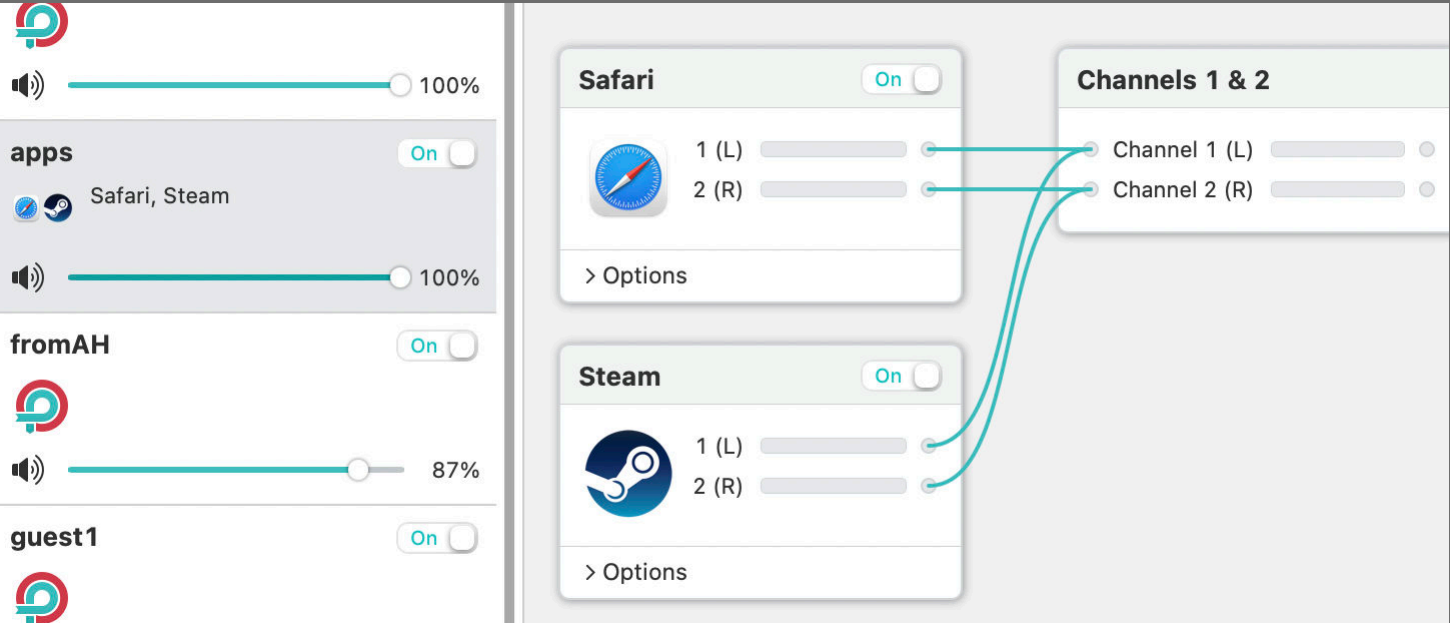# AUDIO ROUTING ON MAC USING LOOPBACK (EXAMPLE 1)

1. create simple pass-through devices for each of your guests

2. create an **apps** device to capture your apps' sound
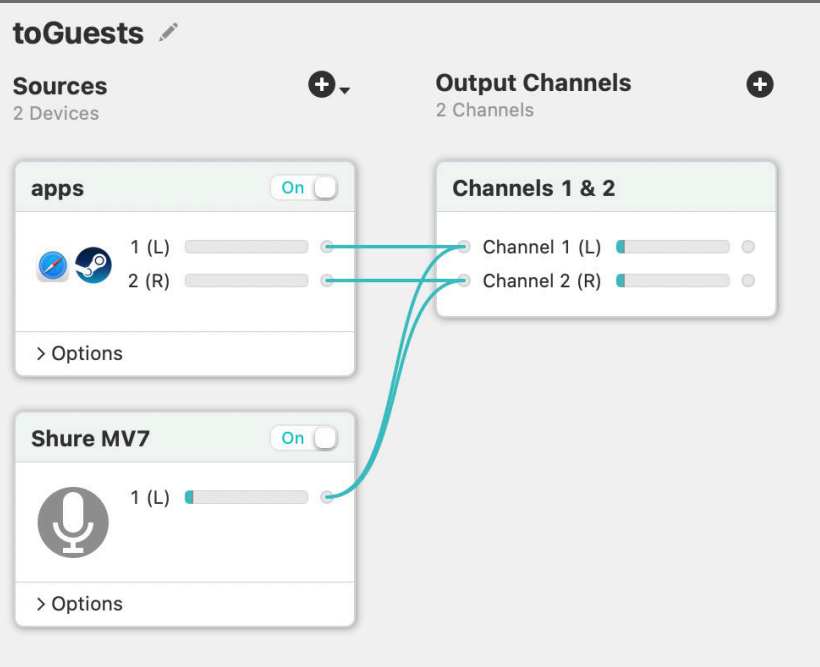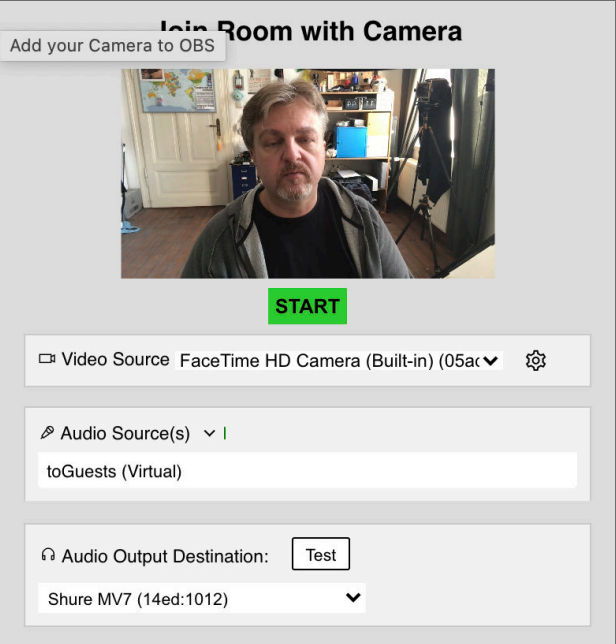
3. create a **toOBS** device that contains everything (**guest1**, **guest2**, ...) that you want to record in OBS

4. create a **toGuests** device that contains the **apps** device and your microphone
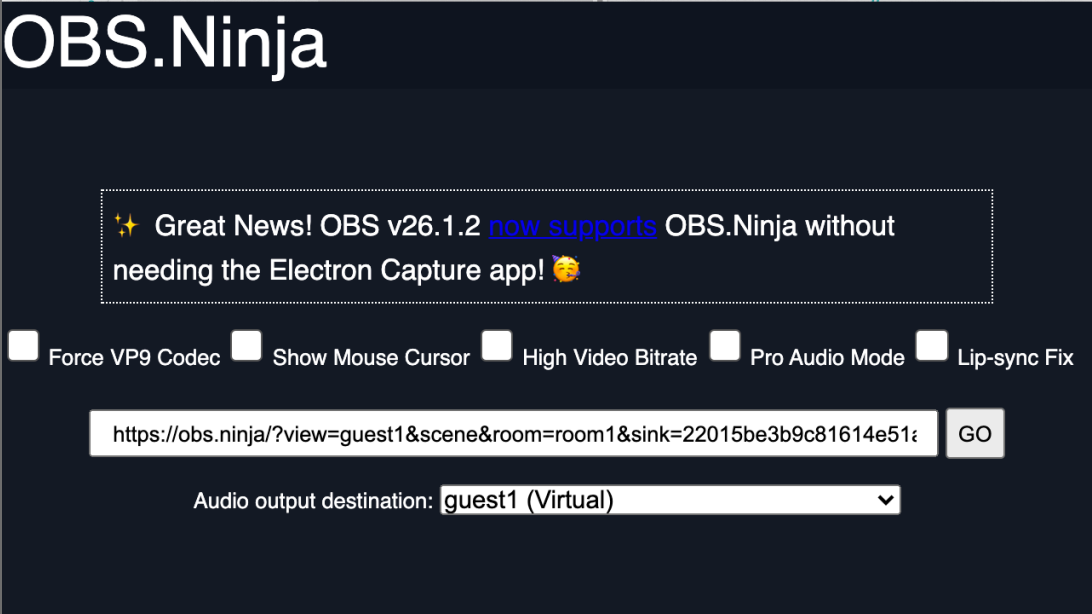
5. join the room with the **toGuests** audio device as the input (it contains app audio and your microphone)

(If you want to hear the apps, add your headphones as a monitor)

(guests in the room can now hear you and the audio from the apps. You can also use the OBS virtual webcam as a camera here so your guests can see the OBS program out)
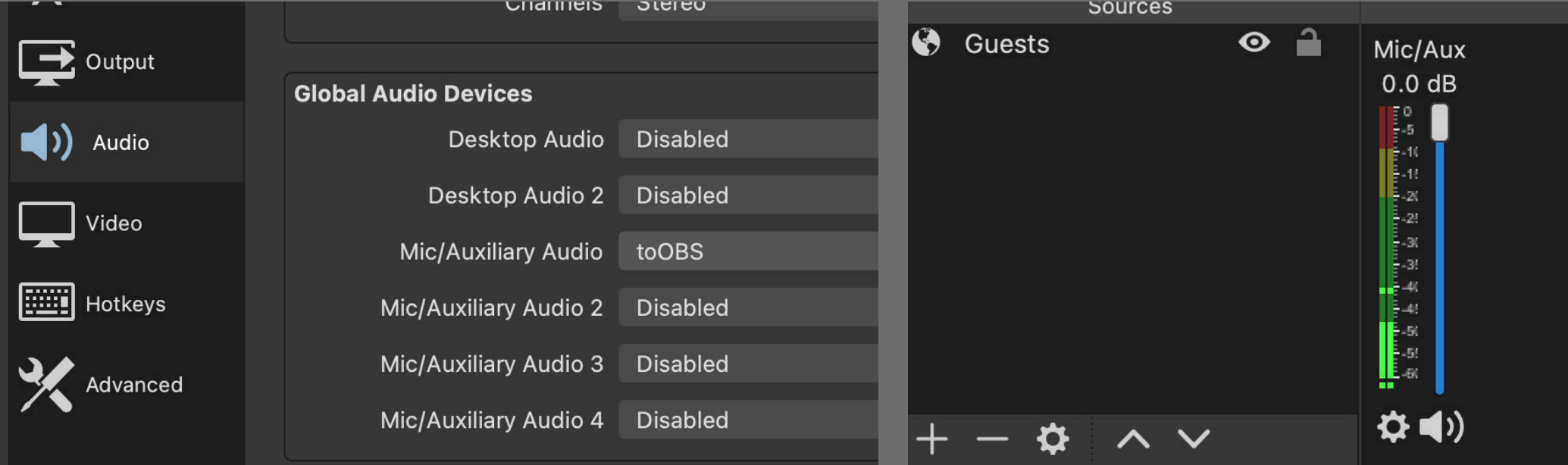
This example shows how to route audio from multiple apps to all guests in a room and record the same audio in OBS while being a participant in a room. This relies on the Electron Capture app and routing all audio in Loopback.

(option 2) add each guest as well as the apps device as individual sources in OBS to mix them here

6. display capture your guests using the Electron Capture App. Paste the solo link in the white box, then select the output device (**guest1**, ...) from the pulldown.

OBS:

(option 1) use the **toOBS** device as the main input in OBS. In this case any audio mixing can be done in the virtual device in Loopback.

OR