Text to Audio

1. Purpose of the experiment

Realize text-to-audio synthesis. (This experiment requires an internet connection to proceed!)

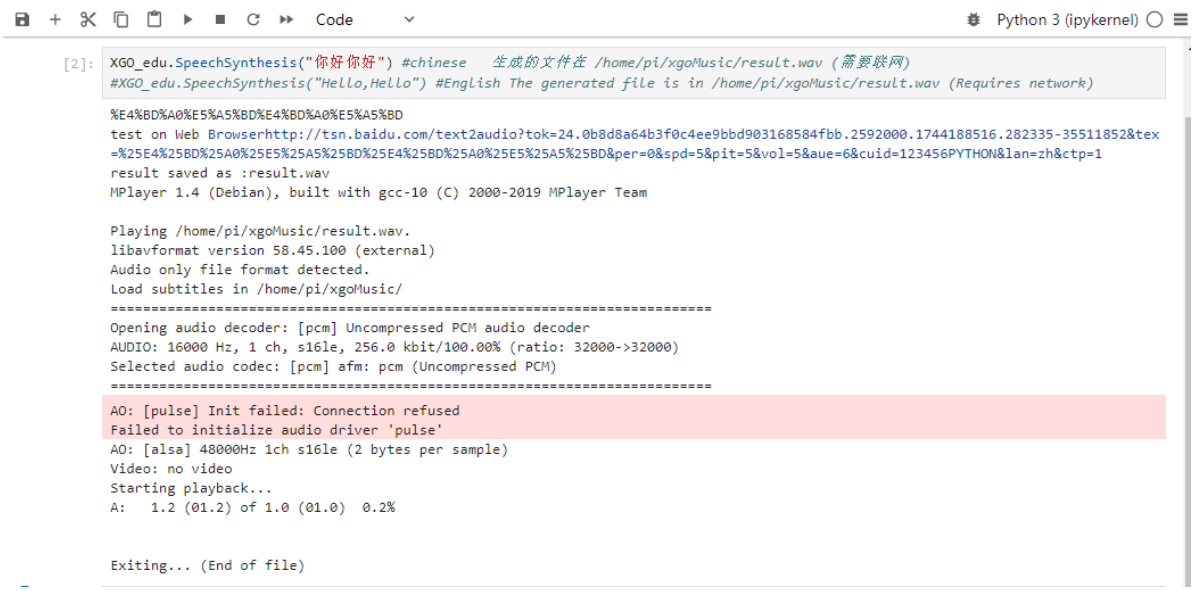
2. Experimental path source code

Enter the dog's system, end the dog program, enter "ip (ip is the dog's ip):8888" in the browser, enter the password "yahboom"

and log in. Enter the path of **cd ~/DOGZILLA_Lite_class/2.Base Control/04.Text synthesized audio** and run **dog_tts.ipynb** .

3. Experimental Phenomenon

After running the code, the dog will synthesize an audio result.wav based on the added characters and save the audio in the file /home/pi/xgoVideos/. After the synthesis is completed, the synthesized audio will be played automatically. (This experiment requires an Internet connection to proceed!)



4. Main source code analysis

The parameter passed by SpeechSynthesis("Hello,Hello") is the string of audio to be synthesized.