

Car recording audio

1. Experimental purpose

Car recording audio.

2. Experimental path source code

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



Password:

Then log in

Enter the path **Rider-pi_class/2.Basic Control Operations/2.Record audio** and run **car recode voice.ipynb**.

3. Experimental phenomenon

After running the code, the car will record 5 seconds of sound and save it in the file /home/pi/xgoMusic. The name is **myrecord.wav**

/home/pi/xgoMusic/			
Name	Size (KB)	Last modified	Owner
..			
surprised.wav	92	2023-06-20...	pi
sorry.wav	512	2023-06-20...	pi
sleep.wav	126	2023-06-20...	pi
sense.wav	265	2023-06-20...	pi
sad.wav	1 024	2023-06-20...	pi
pray.wav	130	2023-06-20...	pi
naughty.wav	512	2023-06-20...	pi
myrecord.wav	156	2024-10-16...	root
like.wav	260	2023-06-20...	pi
hate.wav	378	2023-06-20...	pi
anger.wav	512	2023-06-20...	pi
agitated.wav	176	2023-06-20...	pi

4. Main source code analysis

```
xgoAudioRecord(filename="record",seconds=5)
```

Parameter name	Format	Input range	Description
filename (optional) defaults to "recode"	string	/	The file name of the recorded audio will automatically add the extension wav, and the recorded file path is /home/pi/xgoMusic
seconds (optional) defaults to 5	number	/	The length of the recorded file (seconds)