

# Recording Audio

## 1. Purpose of the experiment

Recording audio.

## 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"



Password: yahboom

Log in

and log in. Enter the path of `cd ~/DOGZILLA_Lite_class/2.Base Control/02.Record audio` and run `dog_recode_voice.ipynb`.

## 3. Experimental Phenomenon

After running the code, the dog will record a 5-second 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	illustrate
filename (optional) default is "recode"	String	/	The file name of the recorded audio will automatically have the extension wav added to it, and the recorded file path is /home/pi/xgoMusic
seconds (optional) The default value is 5	number	/	Length of the recording file (seconds)