

Plays video

1. Purpose of the experiment

The dog's implementation plays the video.

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/07.Play the video` and run `dog_play_videos.ipynb`.

3. Experimental Phenomenon

After running the code, the dog will play the files in the `/home/pi/xgoVideos/` directory on the screen.

Name	Size (KB)	Last modified	Owner
test.mp4	24 130	2023-03-23...	pi
myvidoes.mp4	175	2024-10-16...	pi

When playback ends, a reminder will be displayed.

```
car_play_videos.ipynb Python 3 (ipykernel)

[1]: #导入xgoedu
    from xgoedu import XGOEDU
    #实例化edu
    XGO_edu = XGOEDU()

[2]: #会播放到/home/pi/xgoVideos的文件下
    XGO_edu.xgoVideo(filename="myvideos.mp4")

/home/pi/xgoVideos/myvideos.mp4
15.0
MPlayer 1.4 (Debian), built with gcc-10 (C) 2000-2019 MPlayer Team

Playing /home/pi/xgoVideos/myvideos.mp4.
libavformat version 58.45.100 (external)
libavformat file format detected.
[mov,mp4,m4a,3gp,3g2,mj2 @ 0x7f9a2e9028]Protocol name not provided, cannot determine if
input is local or a network protocol, buffers and access patterns cannot be configured o
ptimally without knowing the protocol
[lavf] stream 0: video (mpeg4), -vid 0

Exiting... (End of file)
do_connect: could not connect to socket
connect: No such file or directory
Failed to open LIRC support. You will not be able to use your remote control.
No stream found.

[ ]: XGO_edu.xgoCamera(False) #关闭摄像头
    del XGO_edu
```

4. Main source code analysis

xgoVideo(filename)

Parameter name	Format	Input range	illustrate
filename	String	/	The video file extension is mp4, and the path is /home/pi/xgoVideos