

# Car plays video

## 1. Experimental purpose

Car plays video.

## 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

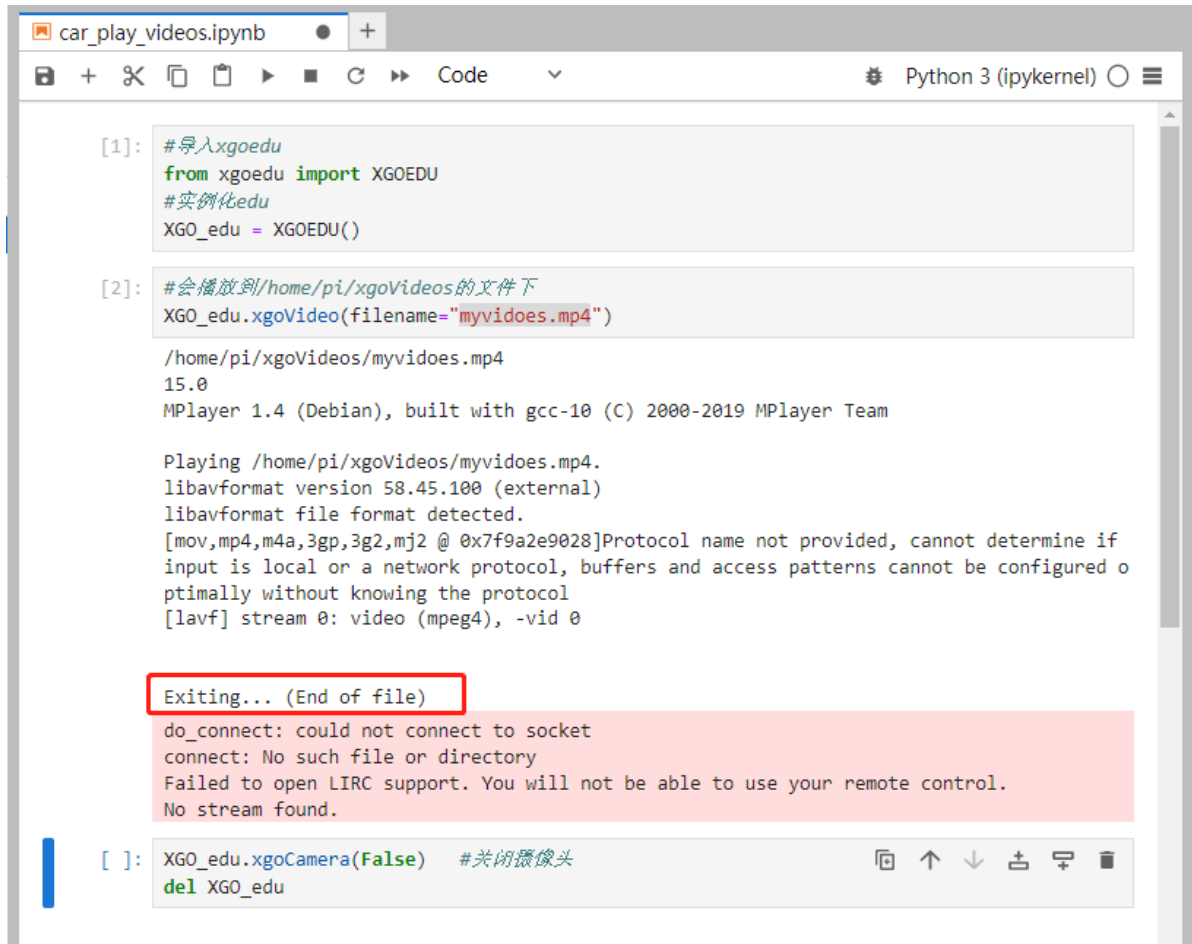
Enter the path of **Rider-pi\_class/2.Basic Control Operations/5.Play the video** and run **car play videos.ipynb**.

## 3. Experimental phenomenon

After running the code, the car 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



The screenshot shows a Jupyter Notebook window titled 'car\_play\_videos.ipynb'. The interface includes a toolbar with icons for saving, adding, deleting, and running code, along with a 'Code' dropdown and a 'Python 3 (ipykernel)' indicator. The notebook contains two code cells. The first cell imports the 'xgoedu' module and creates an instance 'XGO\_edu'. The second cell calls 'XGO\_edu.xgoVideo(filename="myvideos.mp4")', which outputs the file path, version, and playback status. A red box highlights the 'Exiting... (End of file)' message. Below this, a red background displays error messages: '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.', and 'No stream found.'. The third cell calls 'XGO\_edu.xgoCamera(False)' and deletes the 'XGO\_edu' object.

```
[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	Description
filename	String	/	Video file extension mp4, path is /home/pi/xgoVideos