

Forum:[Hack Forums](#)

Thread: [Flask Opencv webcam app](#)

dondeveto - July 11, 2020, 5:33 am

:blackhat: hello ladies and Gents i am having an issue well a few to be exact ? and i would like some assistance.

first my code:

PHP Code

```
<?php
```

```
from flask import Flask, render_template, Response
```

```
from camera import VideoCamera
```

```
from flask_ngrok import run_with_ngrok
```

```
import time
```

```
app = Flask(__name__)
```

```
#run_with_ngrok(app)
```

```
def gen(camera):
```

```
    while True:
```

```
        frame = camera.get_frame()
```

```
        yield (b'--frame\r\n'
```

```
               b'Content-Type: image/jpeg\r\n\r\n' + frame + b'\r\n\r\n')
```

```
@app.route('/video_feed')
```

```
def video_feed():
```

```
    return Response(gen(VideoCamera()),
```

```
                    mimetype='multipart/x-mixed-replace; boundary=frame')
```

```
@app.route('/')
```

```
def index():
```

```
    return render_template('index.html')
```

```
@app.route('/view')
```

```
def admin():
```

```
    return render_template('view.html')
```

```
if __name__ == '__main__':  
    app.run(host='0.0.0.0', port=5000)
```

i would like to have 2 pages index.html and view.html where if a user visits the route index.html a video stream of their webcam is sent to view.html which another user can see. also i would like to make it so that if another person goes to index.html their video stream is also sent to view.html and allows a person to be able to view both video streams.

my second issue is that of latency

Code camera.pyPHP Code

```
<?php  
import cv2
```

```
class VideoCamera(object):
```

```
    def __init__(self):
```

```
        self.video = cv2.VideoCapture(0)
```

```
        self.video.set(3, 320)
```

```
        self.video.set(4, 240)
```

```
    def __del__(self):
```

```
        self.video.release()
```

```
    def get_frame(self):
```

```
        success, image = self.video.read()
```

```
        ret, jpeg = cv2.imencode('.jpg', image)
```

```
        return jpeg.tobytes()
```

omboml - July 11, 2020, 7:43 am

the code you show was made to stream a webcam connected to the machine running your server to a user visiting your page, not the other way.

you have to grab the users webcam by javascript, stream it to your server and forward it to the other user.

dondeveto - July 11, 2020, 8:27 am

(Jul 11, 2020 07:43 AM)omboml Wrote: [\[CITE\]](#) the code you show was made to stream a webcam connected to the machine running your server.

you have to grab the users webcam by javascript, stream it to your server and forward it to the other user.

an example would be much appreciated ?

dondeveto - July 12, 2020, 2:28 pm

so i found this PHP Code

```
<?php
```

github.com/dxue2012/python-webcam-flask/blob/master/app.py

but i want to send video feed to a different route.

i want to capture it on index.html and stream it to say view.html