

Flask Value error view function did not return a response [duplicate]

Asked 5 years ago Active 3 years, 2 months ago Viewed 107k times

This question already has an answer here:

[Flask view return error "View function did not return a response"](#) 2 answers

63

Error message:

Traceback (most recent call last):

```

7   File "/usr/local/lib/python2.7/dist-packages/flask/app.py", line 1836, in
__call__
    return self.wsgi_app(environ, start_response)
   File "/usr/local/lib/python2.7/dist-packages/flask/app.py", line 1820, in
wsgi_app
    response = self.make_response(self.handle_exception(e))
   File "/usr/local/lib/python2.7/dist-packages/flask/app.py", line 1403, in
handle_exception
    reraise(exc_type, exc_value, tb)
   File "/usr/local/lib/python2.7/dist-packages/flask/app.py", line 1817, in
wsgi_app
    response = self.full_dispatch_request()
   File "/usr/local/lib/python2.7/dist-packages/flask/app.py", line 1478, in
full_dispatch_request
    response = self.make_response(rv)
   File "/usr/local/lib/python2.7/dist-packages/flask/app.py", line 1566, in
make_response
    raise ValueError('View function did not return a response')
ValueError: View function did not return a response

```

And my code:

```

#Used for starting the flask server
from flask import Flask #Import flask mains
from flask import request #Import flask requests
from flask import render_template #Import flask render templates
import json, urllib #import api modules
import time #Importing time in darlek voice
app = Flask(__name__)

@app.route('/')
def my_form():
    return render_template("my-form.html") #Set render template

@app.route('/', methods=['POST'])
def my_form_post():
    openwindow_at = float(request.form['open']) #When it reached ? open window
    if request.form['scale'] == "kelvin": #Change figures
        print("Do nothing") #Debug info
    elif request.form['scale'] == "celcius":
        openwindow_at = openwindow_at + int(273.15) #celcius to kelvin
    elif request.form['scale'] == "fah": #Fah to kelvin
        openwindow_at = (openwindow_at + 459.67) * 5 / 9 #F to kelvin
    text = request.form['text'] #Get info from First page
    url = "http://api.openweathermap.org/data/2.5/weather?q=" + text #Download
the json
    response = urllib.urlopen(url) #Download Json

```

```

data = json.loads(response.read()) #Parse json
print("Current Weather in " + text + " " + data['weather'][0]
['description']) #Debug infomation
print("Temp: " + str(data['main']['temp'])) #Print temp

if data['weather'][0]['description'].find("rain") >= 0: #Check The weather
    print("Test")
    return "Shutting your window"
    Close the window(Tom's job)
if float(data['main']['temp']) >= openwindow_at:
    return "Opening your window"
    #open the window (Tom's job)
if __name__ == '__main__':
    app.debug = True #Uncomment to enable debugging
    app.run() #Run the Server

```

and my-form.html is:

```

<!DOCTYPE html>
<html lang="en">
<body>
    <h1>Enter a place</h1>
    <form action="." method="POST">
        <input type="text" name="text">
        <input type="submit" name="my-form" value="Send">
    <h1>Options</h1>
    <p>Open window if temp is greater than<input type="text" name="open">
</input> <input type="radio" name="scale" value="kelvin">Kelvin</input><input
type="radio" name="scale" value="celcius">Celcius</input><input type="radio"
name="scale" value="fah">FarenHeit</input></p>
    </form>
</body>
</html>

```

If I put a while loop there it loads for ever.

Then enter a temp higher than the current one the page loads forever. And if I use the current code listed above it gives the error.

python

flask

edited Jul 30 '14 at 10:16



Martijn Pieters ♦

753k 161 2736
2455

asked Jul 30 '14 at 10:09



user3890963

318 1 3 4

marked as duplicate by [davidism](#) flask Apr 14 '16 at 18:42

This question has been asked before and already has an answer. If those answers do not fully address your question, please [ask a new question](#).

- 7 This is not a duplicate, as here the request is a POST, for which it is unintuitive to return something, whereas in the "duplicate", it is a GET and it is fairly obvious that there is a mistake. IMHO this is a design issue in flask and I usually fix it with 'return ""' at the end of a post route – [Iwan LD](#) Oct 25 '16 at 15:04

Why wouldn't POST return anything? – [Antti Haapala](#) Feb 19 at 8:27

2 Answers



The following does not return a response:

77

You must return anything like `return afunction()` or `return 'a string'`.



This can solve the issue



answered Jul 30 '14 at 10:34



[Avinash Babu](#)

5,082 1 14 20



You are not returning a response object from your view `my_form_post`. The function ends with implicit `return None`, which Flask does not like.

38

Make the function `my_form_post` return an explicit response, for example



```
return 'OK'
```

at the end of the function.

edited Jun 8 '16 at 9:06

answered Jul 30 '14 at 10:28



[Antti Haapala](#)

91.8k 17 178 216

1 +1 : *The function ends with implicit return None, which Flask does not like* was the point I was missing (a bare `return` is also the problem). `return ''` is fine so I am not sure if Flask does not explicitly like a `return None` or if there are other values as well (since `''` is fine it is not any falsey value) – [WoJ](#) Jan 20 '17 at 13:47



Exiting the function without `return` statement or `return` with no arguments returns `None` in Python and the caller cannot distinguish between them and `return None` at all. – [Antti Haapala](#) Apr 18 at 4:46
