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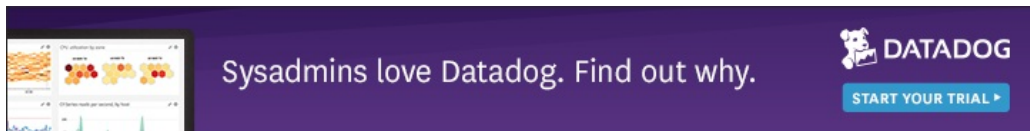


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Flask projects on heroku returns 500 internal server error



I have a basic flask project and i deploy it to heroku. And page returns 500 internal server error. I m not using database. Here is my logs :

```
2015-01-10T23:40:03.161880+00:00 heroku[web.1]: Starting process with command
`gunicorn print:app --log-file=-`
2015-01-10T23:40:03.827603+00:00 app[web.1]: [2015-01-10 23:40:03 +0000] [2] [INFO]
Using worker: sync
2015-01-10T23:40:03.827516+00:00 app[web.1]: [2015-01-10 23:40:03 +0000] [2] [INFO]
Listening at: http://0.0.0.0:5144 (2)
2015-01-10T23:40:03.835308+00:00 app[web.1]: [2015-01-10 23:40:03 +0000] [8] [INFO]
Booting worker with pid: 8
2015-01-10T23:40:03.887218+00:00 app[web.1]: [2015-01-10 23:40:03 +0000] [9] [INFO]
Booting worker with pid: 9
2015-01-10T23:40:03.826883+00:00 app[web.1]: [2015-01-10 23:40:03 +0000] [2] [INFO]
Starting gunicorn 19.1.1
2015-01-10T23:40:04.268774+00:00 heroku[web.1]: State changed from starting to up
2015-01-10T23:41:19.847544+00:00 heroku[router]: at=info method=GET path="/"
host=topstreaks.herokuapp.com request_id=a2450ab9-3183-473f-aa0e-8e970b266b28
fwd="88.238.99.0" dyno=web.1 connect=1ms service=26ms status=500 bytes=456
2015-01-10T23:41:20.206409+00:00 heroku[router]: at=info method=GET
path="/favicon.ico" host=topstreaks.herokuapp.com request_id=1c969a6b-a8e7-4fcd-
b84a-81b55cec18a6 fwd="88.238.99.0" dyno=web.1 connect=1ms service=2ms status=404
bytes=527
2015-01-10T23:41:24.949004+00:00 heroku[router]: at=info method=GET path="/"
host=topstreaks.herokuapp.com request_id=7f90b786-3ec9-49ab-b51a-a2cd942bc83d
fwd="88.238.99.0" dyno=web.1 connect=1ms service=13ms status=500 bytes=456
2015-01-10T23:44:05.320256+00:00 heroku[router]: at=info method=GET path="/"
host=topstreaks.herokuapp.com request_id=8c0a51bd-459c-438e-8184-911557410c95
fwd="88.238.99.0" dyno=web.1 connect=3ms service=3ms status=500 bytes=456
2015-01-10T23:44:05.697401+00:00 heroku[router]: at=info method=GET
path="/favicon.ico" host=topstreaks.herokuapp.com request_id=59f43b94-fb30-414a-
9a28-6ae7c195bd4b fwd="88.238.99.0" dyno=web.1 connect=0ms service=2ms status=404
bytes=527
2015-01-10T23:48:29.595955+00:00 heroku[router]: at=info method=GET path="/"
host=topstreaks.herokuapp.com request_id=13941ed3-2496-4d0e-aacc-5fb6a7a122e9
fwd="88.238.99.0" dyno=web.1 connect=3ms service=2ms status=500 bytes=456
2015-01-10T23:48:47.739233+00:00 heroku[router]: at=info method=GET path="/"
host=topstreaks.herokuapp.com request_id=6c370ced-99fe-429a-829b-0ea55b4aa508
fwd="88.238.99.0" dyno=web.1 connect=0ms service=2ms status=500 bytes=456
2015-01-10T23:52:15.563473+00:00 heroku[router]: at=info method=GET path="/"
host=topstreaks.herokuapp.com request_id=a0ceaf25-359e-4bc1-9247-5d6f478d1dd2
fwd="88.238.99.0" dyno=web.1 connect=0ms service=1ms status=500 bytes=456
2015-01-10T23:52:20.050874+00:00 heroku[router]: at=info method=GET path="/"
host=topstreaks.herokuapp.com request_id=1086dfffb-e144-4873-b49b-5e4ac44477f3
fwd="88.238.99.0" dyno=web.1 connect=0ms service=2ms sta
tus=500 bytes=456
```

The server looks up but i cant find internal error on logs or anywhere. It runs fine on local. How can i find error on heroku because debug mod not working although i write `debug = True` on flask.

And flask code :

```
from flask import Flask, render_template
app = Flask(__name__)

@app.route('/')

def home():
    return render_template('topstreaks.html')

@app.route('/script')
def script():
    return render_template('datum.js')

@app.after_request
def after_request(response):
    response.headers.add('Access-Control-Allow-Origin', '*')
    response.headers.add('Access-Control-Allow-Headers', 'Content-
```

```
Type, Authorization')
response.headers.add('Access-Control-Allow-Methods', 'GET,PUT,POST,DELETE')
return response

if __name__ == "__main__":
    app.debug = True
    app.run()
```

How can i debug for error ?

[python](#) [heroku](#) [flask](#)

edited Jan 11 '15 at 0:20

asked Jan 10 '15 at 23:57



[erkan demir](#)
498 ● 8 ● 24

First thing I would do was to install foreman locally and try to run the application in a heroku-like setup [github.com/ddollar/foreman](#) - [bwagner](#) Jan 11 '15 at 2:29

1 Answer

I tried this locally and found out you have you can see what is wrong by setting a logger in your application and making it print to stdout

```
from flask import Flask, render_template
import sys
import logging
app = Flask(__name__)

app.logger.addHandler(logging.StreamHandler(sys.stdout))
app.logger.setLevel(logging.ERROR)
```

That way when you run on heroku, any errors will be printed on [heroku logs](#)

Funny though it that when trying to setup this for testing, I ran into a problem similar to yours. The templates (html) must be inside a templates folder on the root of your project, my test template wasn't and that caused the 500 for me, it might be the cause of your 500 too.

answered Jan 11 '15 at 3:23



[bwagner](#)
459 ● 1 ● 7 ● 12

yes thanks, now i can see application error on logs. - [erkan demir](#) Jan 11 '15 at 20:49

And what was the problem? - [bwagner](#) Jan 11 '15 at 20:58

template not found - [erkan demir](#) Jan 11 '15 at 21:19

Brilliant! Thanks so much. - [Matthew Cornell](#) Mar 28 at 21:19