**[How to Setup a New Flask App on a Mac](https://topherpedersen.blog/2019/12/28/how-to-setup-a-new-flask-app-on-a-mac/)**

**This blog post is brought to you by the developer of**[**BitBudget**](https://bitbudget.io/)**.**[**BitBudget**](https://bitbudget.io/)**is an automated budgeting app for Android and iOS which syncs with your bank account and helps you avoid overspending. If you’d like to quit living paycheck-to-paycheck and get a better handle on your finances, download it today!**[**https://bitbudget.io**](https://bitbudget.io/)

Welcome back [internet friend](https://www.youtube.com/watch?v=fPslvBVqJp8)!

Quick post here tonight on how to setup a new flask app for development on a Mac. In the past I’ve done all of my Python/Flask development on a Windows desktop computer, but since I’m now doing all of my development on a Macbook Pro, I wanted to write another little quickstart reference for myself or anyone else out there on the internet to get up and running with Python and Flask on a Mac (assumes you’ve already installed Python 3, if you haven’t, please visit [https://python.org](https://python.org/)):

**First, create a directory for your new Flask project**

|  |  |
| --- | --- |
| 1 | $ mkdir MyNewFlaskApp |

**Navigate to your newly created directory**

|  |  |
| --- | --- |
| 1 | $ cd MyNewFlaskApp |

**Create your virtual environment**

|  |  |
| --- | --- |
| 1 | $ python3 -m venv venv |

**Activate the virtual environment**

|  |  |
| --- | --- |
| 1 | $ source venv/bin/activate |

**Make sure Flask is installed**

|  |  |
| --- | --- |
| 1 | (venv) $ pip3 install Flask |

**Now write the actual python code for your flask application. We’ll call our python script my\_new\_flask\_app.py. Save this script in your MyNewFlaskApp directory.**

|  |  |
| --- | --- |
|  | from flask import Flask |
|  |  |
|  | app = Flask(\_\_name\_\_) |
|  |  |
|  | @app.route('/') |
|  | def index(): |
|  | return 'hello, world' |

[**view raw**](https://gist.github.com/topherPedersen/f62ca3ed9f703954226fc0e9564976ea/raw/7141bee90f3dde1e1905f73e967f2bfbcd81d604/my_new_flask_app.py)[**my\_new\_flask\_app.py**](https://gist.github.com/topherPedersen/f62ca3ed9f703954226fc0e9564976ea#file-my_new_flask_app-py) hosted with ❤ by [**GitHub**](https://github.com/)

**Set the FLASK\_APP system variable**

|  |  |
| --- | --- |
| 1 | (venv) $ export FLASK\_APP=my\_new\_flask\_app.py |

**Run Flask**

|  |  |
| --- | --- |
| 1 | (venv) $ flask run |

**Visit**[**http://127.0.0.1:5000**](http://127.0.0.1:5000/)**to see your app in action**