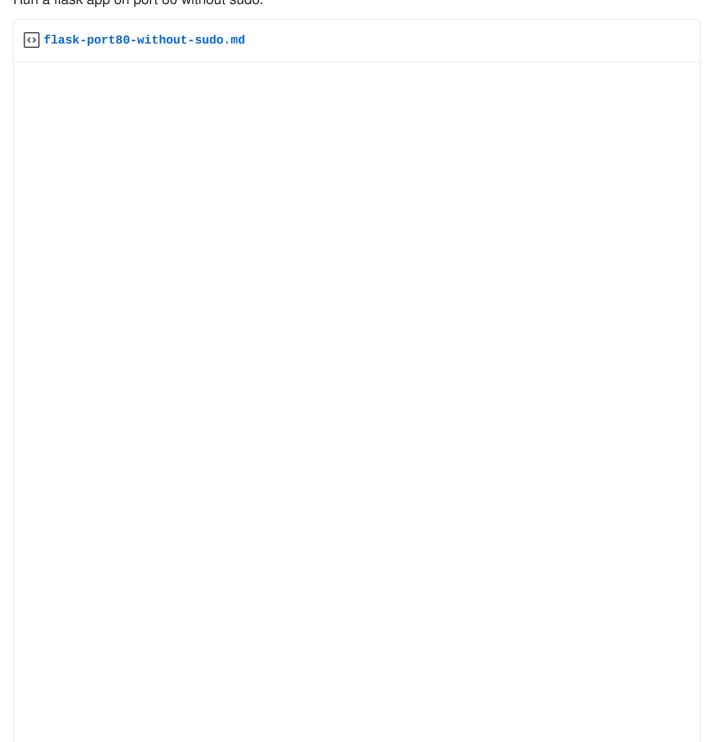
## justinmklam / flask-port80-without-sudo.md

Last active 18 days ago • Report abuse



Run a flask app on port 80 without sudo.



1 of 2 7/11/21, 09:34

Flask apps are bound to port 5000 by default. To bind it to port 80, you would need to change the port as follows:

```
if __name__ == '__main__':
    app.run(host='0.0.0.0', port=80, debug=True)
```

## And to run it:

```
# The normal invocation, but with a permission denied error (since port 80
python3 app.py
```

# Works, but dangerous to run python as sudo sudo python3 app.py

## A better option is to us authbind:

```
sudo apt install authbind

# Configure access to port 80
sudo touch /etc/authbind/byport/80
sudo chmod 777 /etc/authbind/byport/80
```

## And to run the app:

# The deep argument enables port binding permissions for the program being authbind --deep python3 app.py

2 of 2 7/11/21, 09:34