

Section **Quick Start**

Lecture **Build & Run Flask REST API Server Container**

Links:

- <https://github.com/d4py/d4py>
- <https://gunicorn.org/>
- <https://chrome.google.com/webstore/detail/talend-api-tester-free-ed/aejoelaoggembcahagimdiliamlcdmfm>

Commands:

```
$ docker build -t d4py/myflask:0.1 .  
$ docker push d4py/myflask:0.1  
$ docker run -p 5000:5000 d4py/myflask:0.1  
  
$ cd d4py/section-3/build-flask  
$ atom .  
$ docker run -it --rm -p 5000:5000 -v ${PWD}:/app python:3 bash  
# cd /app  
# pip install -r requirements.txt  
# gunicorn --bind=0.0.0.0:5000 --workers=1 color-boxes:app  
# exit  
$ docker build -t d4py/myflask:0.1 .  
$ docker login  
$ docker push d4py/myflask:0.1  
$ docker run -p 5000:5000 d4py/myflask:0.1
```