## **Python in Containers** Course Materials

## Section 3. "Building smaller Images"

## Links:

https://github.com/pythonincontainers/smaller

https://hub.docker.com/ /python/

http://www.etalabs.net/compare libcs.html

## Commands:

```
$ git clone https://github.com/pythonincontainers/smaller
```

- \$ cd smaller
- \$ atom .
- \$ docker build -t factors\_flask:standard -f Dockerfile.standard
- \$ docker run -it --rm -p 5000:5000 factors-flask:standard

Open Web browser with **localhost:5000/65907657**, substitute **localhost** with Docker Machine IP address, if necessary.

- \$ docker images factors flask
- \$ docker images python:3.7.3
- \$ docker build -t factors flask:slim -f Dockerfile.slim .
- \$ docker run -it --rm -p 5000:5000 factors flask:slim
- \$ docker images factors\_flask
- \$ docker build -t factors flask:alpine -f Dockerfile.alpine .
- \$ docker run -it --rm -p 5000:5000 factors flask:alpine
- \$ docker images factors flask