

Section 3. „Multistage Image Build”

Links:

<https://github.com/pythonincontainers/multistage>

<https://cython.org/>

Commands:

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

```
$ cd multistage
```

```
$ atom .
```

```
$ docker build -t factors_flask:cython-standard -f  
Dockerfile.cython-standard .
```

```
$ docker run -it --rm factors_flask:cython-standard bash
```

```
# ls -al
```

```
# exit
```

```
$ docker run -it --rm -p 5000:5000 factors_flask:cython-standard
```

Open web browser with **localhost:5000/65907657**

```
$ docker build -t factors_flask:cython-optimized -f  
Dockerfile.cython-standard .
```

```
$ docker run -it --rm -p 5000:5000 factors_flask:cython-  
optimized
```

```
$ docker images factors_flask
```

```
$ docker build -t factors_flask:cython-slim -f  
Dockerfile.cython-slim .
```

```
$ docker build -t factors-flask:cython-multi -f  
Dockerfile.cython-multi .
```

```
$ docker run -it --rm -p 5000:5000 factors_flask:cython-multi
```

Python in Containers Course Materials

```
$ docker images factors_flask
```