

Section 3. „Django Containerization for Development“

Links:

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

Commands:

```
$ git clone https://github.com/pythonincontainers/djangoimage
$ cd djangoimage
$ atom .
$ cd base_image
$ docker build -t mydjango:2.2-3.7.3 -f Dockerfile.mydjango .
$ cd ..
$ docker run -it --rm mydjango:2.2-3.7.3 django-admin -version
$ docker tag mydjango:2.2-3.7.3 django
$ docker run -it --rm -v ${PWD}:/code django django-admin
startproject myproject
$ docker run -it --rm -v ${PWD}:/code -p 8000:8000 django bash
# cd myproject
# python manage.py startapp myapp
# exit
PS> Function dj {docker run -it -rm -p 8000:8000 -v ${PWD}:/code
django $args}
$ alias dj='docker run -it --rm -p 8000:8000 -v ${PWD}:/code
django'
$ cd myproject
$ dj python manage.py migrate
```

Python in Containers Course Materials

```
$ dj python manage.py runserver 0:8000
```