

Python in Containers Course Materials

Links:

<https://github.com/pythonincontainers/buildtime-runtime>

<https://docs.djangoproject.com/en/2.2/intro/tutorial01/>

Commands:

```
$ git clone https://github.com/pythonincontainers/buildtime-  
runtime  
  
$ cd buildtime-runtime  
  
$ atom .  
  
$ docker built -t runtime -f Dockerfile.runtime .  
  
$ docker run -it --rm -p 8000:8000 runtime  
  
$ docker run -it --rm -p 8000:8000 runtime  
  
$ docker run -it --name runtime -p 8000:8000 runtime  
  
$ docker start -ai runtime  
  
$ docker rm -f runtime  
  
$ docker build -t runtime -f Dockerfile.runtime .  
  
$ docker run -it --rm -p 8000:8000 runtime  
  
$ docker run -it --rm -p 8000:8000 -e DJANGO_VER=2.1.8 runtime  
  
$ docker build -t buildtime -f Dockerfile.buildtime .  
  
$ docker volume create buildtime-vol  
  
$ docker run -it --rm -v buildtime-vol:/data -p 8000:8000  
buildtime  
  
$ docker run -it --rm -v buildtime-vol:/data -p 8000:8000  
buildtime
```

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```
$ docker build -t buildtime -f Dockerfile.buildtime --build-arg  
Django=2.2.1 .
```

```
$ docker run -it --rm -p 8000:8000 python:3.7.3 bash -c "git  
clone https://github.com/pythonincontainers/buildtime-runtime  
/django-mysite; cd django-mysite; bash run-server.sh"
```