

Section 4. „GitHub and Docker Hub Integration”

Links:

<https://github.com/join>

<https://github.com/pythonincontainers/flask-hello>

<https://hub.docker.com>

<https://github.com/pythonincontainers/deployment-webhook>

Commands:

```
$ docker-machine create --driver amazonec2 --amazonec2-region  
eu-west-1 --amazonec2-open-port 5000 --amazonec2-open-port 5555  
aws-machine
```

```
$ docker-machine env aws-machine
```

```
$ docker ip aws-machine
```

```
$ aws ec2 describe-instances --output table --filter  
"Name=tag:Name,Values=aws-machine" --region eu-west-1 --color  
off
```

```
$ docker run -d --name auto-flask -p 5000:5000  
pythonincontainers/auto-flask:latest
```

```
$ docker logs auto-flask
```

```
$ docker stop auto-flask
```

```
$ docker rm auto-flask
```

```
$ docker pull pythonincontainers/auto-flask:latest
```

```
$ docker run -d --name auto-flask -p 5000:5000  
pythonincontainers/auto-flask:latest
```

```
$ docker logs auto-flask
```

```
$ docker run -it --rm -p 5555:5000 -v  
/var/run/docker.sock:/var/run/docker.sock  
pythonincontainers/deployment-webhook:1.
```

Python in Containers Course Materials

```
$ docker-machine rm aws-machine
```