

### Section 2. „Managing Containers”

Commands:

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

$ docker logs simple-flask

$ docker logs --since 1m simple-flask

$ docker logs -t simple-flask

$ docker logs -t --tail 3 simple-flask

$ docker logs -t -f simple-flask

$ docker attach simple-flask

$ docker ps

$ docker exec simple-flask ps -ef

$ docker exec -it simple-flask bash

# ls

# more hello.py

# apt-get update

# apt-get install -y vim

# vim hello.py

# exit

$ docker kill --signal SIGHUP my-nginx

$ docker run -it -m 100m --memory-swap 100 python bash

# pip install numpy

# python

>>> import numpy
```

## Python in Containers Course Materials

```
>>> result = [numpy.random.bytes(1024*1024) for x in range(1024)]

# echo $?

# exit

$ docker stats

$ docker run -it --name mypython -m 100m --memory-swap 100m --
cpus 0.1 python bash

# pip install numpy

# python

>>> import numpy

>>> result = [numpy.random.bytes(1024*1024) for x in range(1024)]

$ docker ps -a -q

$ docker rm $(docker ps -a --filter status=exited)
```