# Docker部署Jupyter

## 拉取镜像

docker pull jupyter/base-notebook

## 创建挂载目录

mkdir -p /opt/jupyter/jovyan

chmod 777 /opt/jupyter/jovyan

## 运行实例

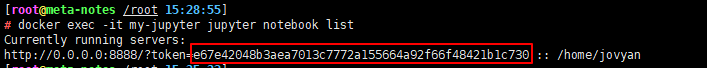
docker run --name my-jupyter -d \  
-p 8118:8888 \  
-v /opt/jupyter/jovyan:/home/jovyan \  
jupyter/base-notebook

## 访问地址（发现需要token）

http://{服务器IP}:8118

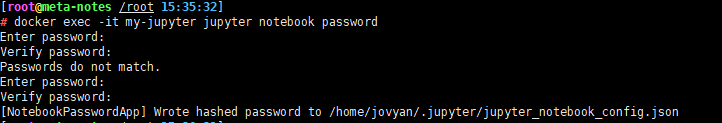
查询token（执行下面命令后?token=后面的就是token值）

docker exec -it my-jupyter jupyter notebook list



## 设置密码

docker exec -it my-jupyter jupyter notebook password



输入2次密码

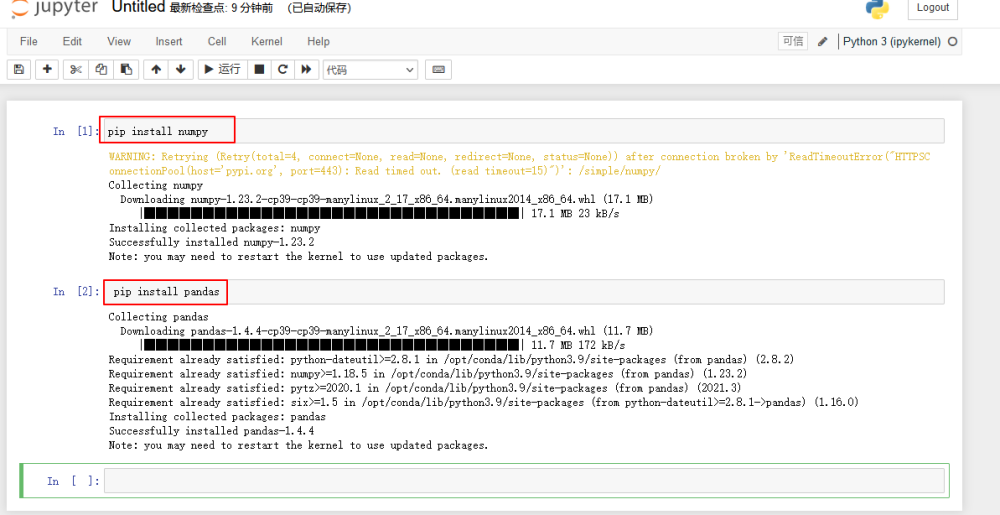
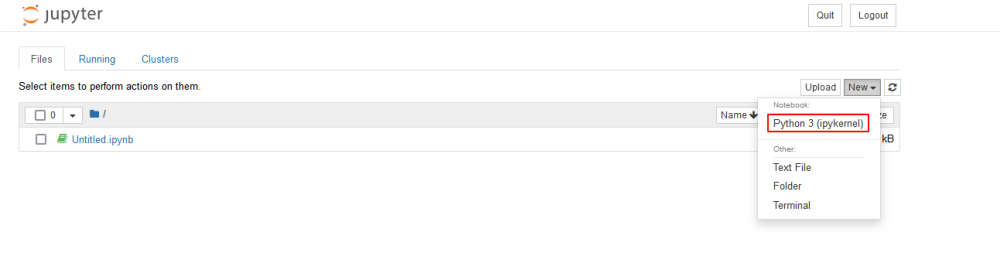
## 重启实例

docker restart my-jupyter

再次访问，输入密码即可登录

## 安装numpy、pandas

新建一个python3文件，执行pip install numpy 和 pip install pandas



## 实例

import pandas as pd  
import numpy as np  
  
dates = pd.date\_range('20210101', periods=7) # 生成作为行索引的时间序列  
#print(dates)  
#print("--"\*16)  
# 使用随机生成的 numpy 数组作为数据，传入列索引 ABCD  
df = pd.DataFrame(np.random.randn(7,4), index=dates, columns=list('ABCD'))   
df



## jupyter快捷键大全

<https://www.bilibili.com/read/cv11073600>

## 参考文档

<https://blog.csdn.net/luckcxy/article/details/120287975>

<https://blog.51cto.com/u_6364219/5061254>

<https://www.wenjiangs.com/doc/avvvxhrx>