สถาบัน ไอเอ็มซี

Workshop

Docker with **web** application

Linking containers with Docker **networks**

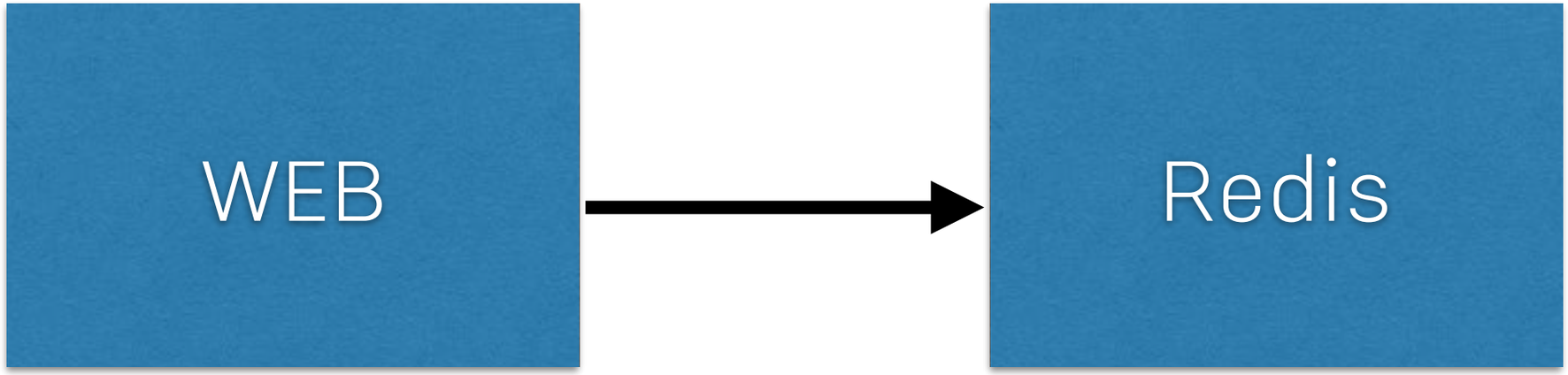
Persist data to your Docker host

Share data between containers

Clean up

Web application with Python

Flask and Redis



Let’s workshop

Problems

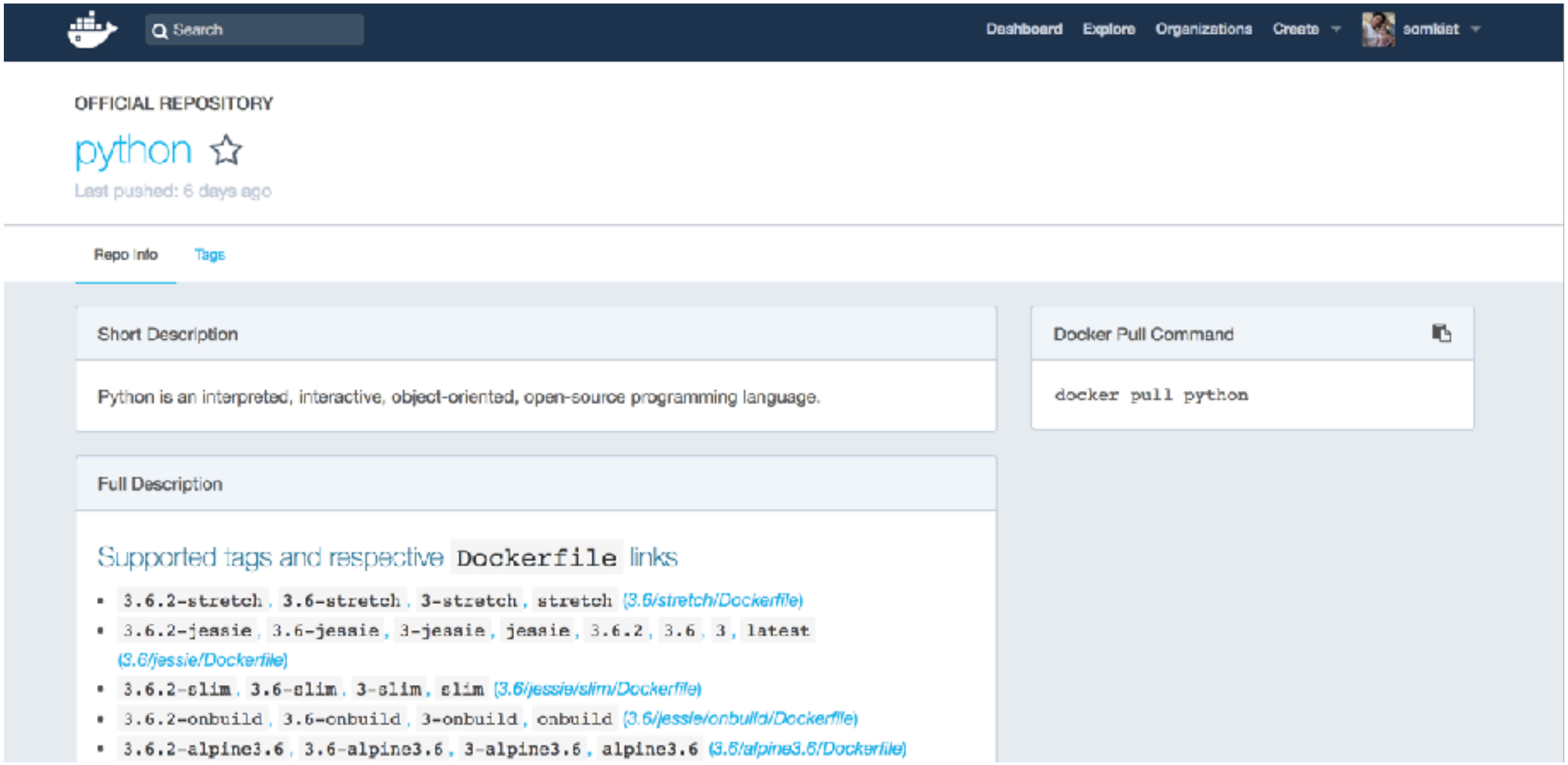
Python ?

Flask ?

Redis ?

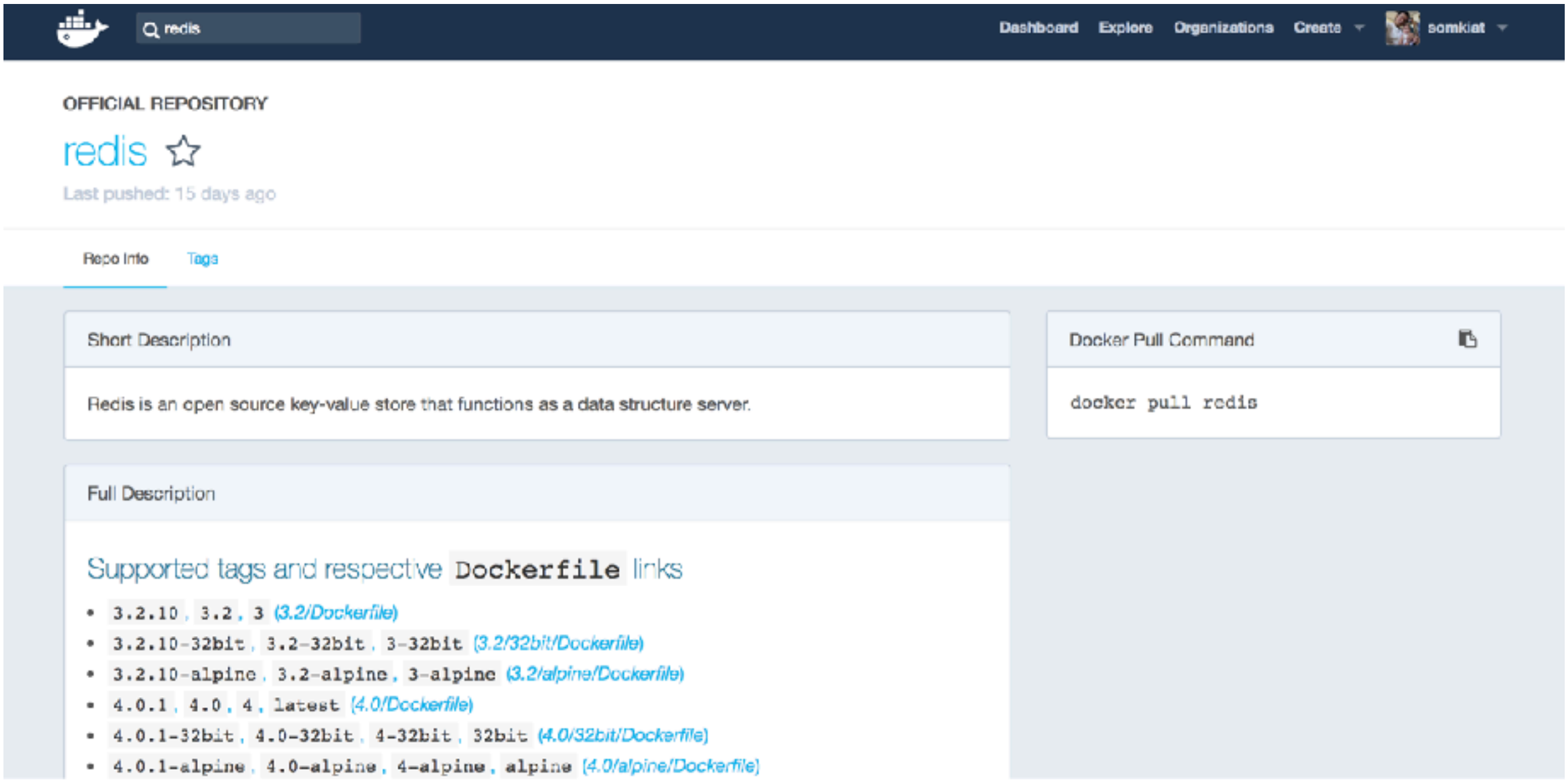
Base Docker images ?

Python image



https://hub.docker.com/_/python/

Redis image



https://hub.docker.com/_/redis/

Step to run web

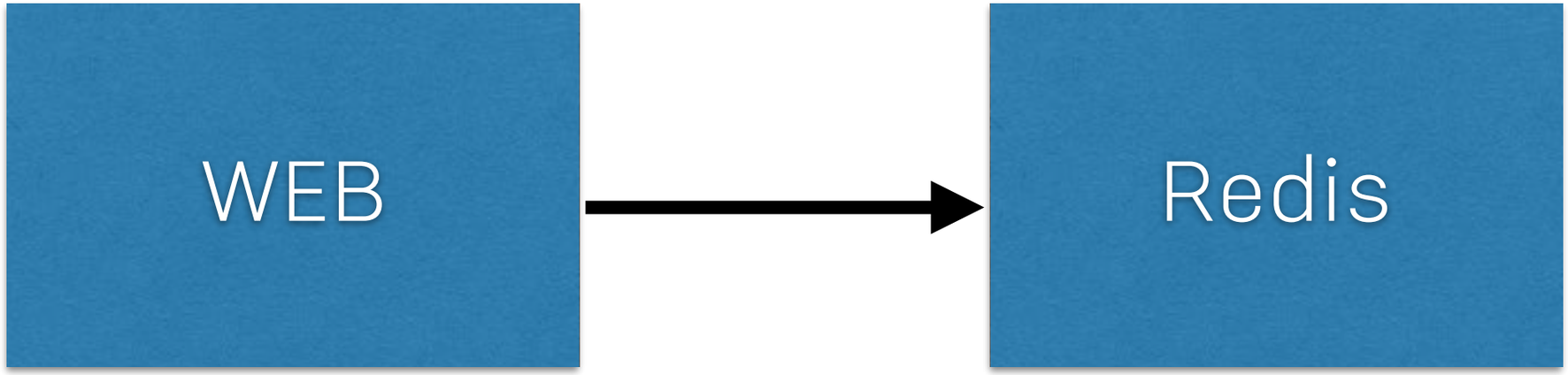
Install Python and PIP

Download libraries with PIP

Start web server with Flask

Web application with Python

Flask and Redis



Port 5000

Port 6379

Persist data to Docker host

Create volume

$docker volume create **web_redis**

Detail of volume

$docker volume ls

$docker volume inspect **web_redis**

Add volume to container

$docker container run ...

-v web_redis:/data

Resources

https://github.com/up1/course-introduction-docker