

A Docker **registry** may host many repositories. **Hub.docker.com** is the public Docker registry.

docker push

docker pull

docker build

A **Dockerfile** is a list of commands to build an image.

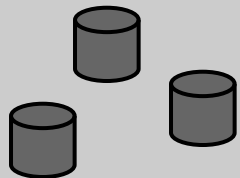
Docker registries may call Dockerfiles from a Git repository, for automated builds.

This is like **powering on/off** a machine.

docker start

docker stop

A Docker **repository** contains many images; images may be tagged. The syntax is **repository/owner:tag**.

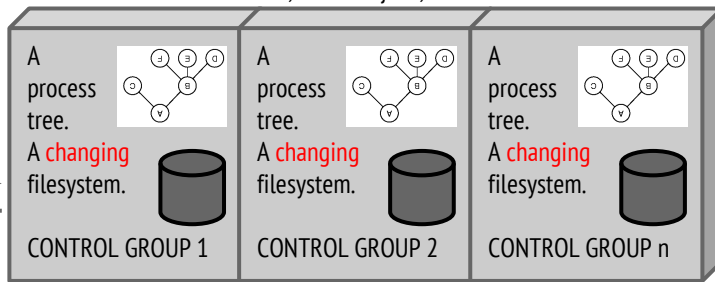


Docker **images** are immutable filesystems.

docker run

docker commit

These are Docker **containers**; like BSD jails; like VMs that share a kernel.



docker export

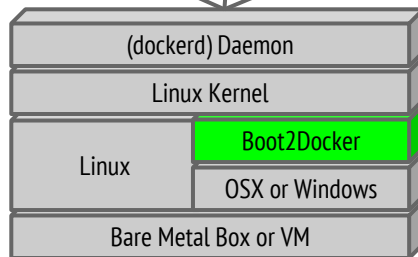
docker import

Filesystem **.tar** file, **without** metadata.

docker save

docker load

Repository or Image **.tar** file, **with** metadata.



Boot2Docker

Vagrant, VirtualBox, and BusyBox