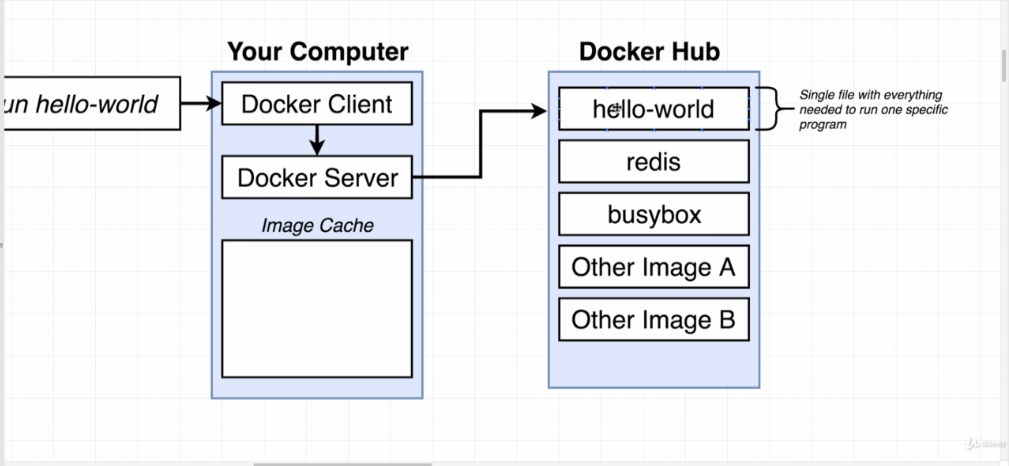
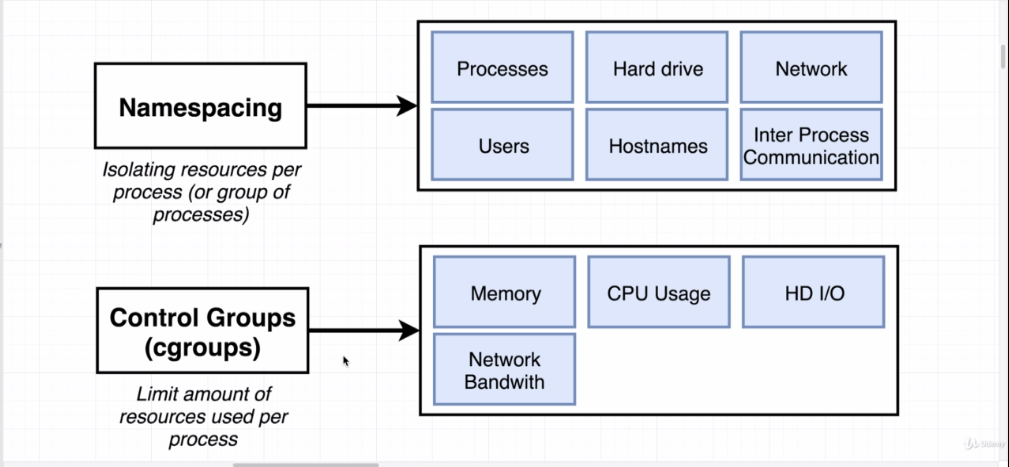
* Docker image is a software which is either locally stored or on the Docker hub
* A container is an instance of the docker image.
* An image can be run on multiple containers
* *Docker run “image-Name” –* this command tries to check if the image exists locally

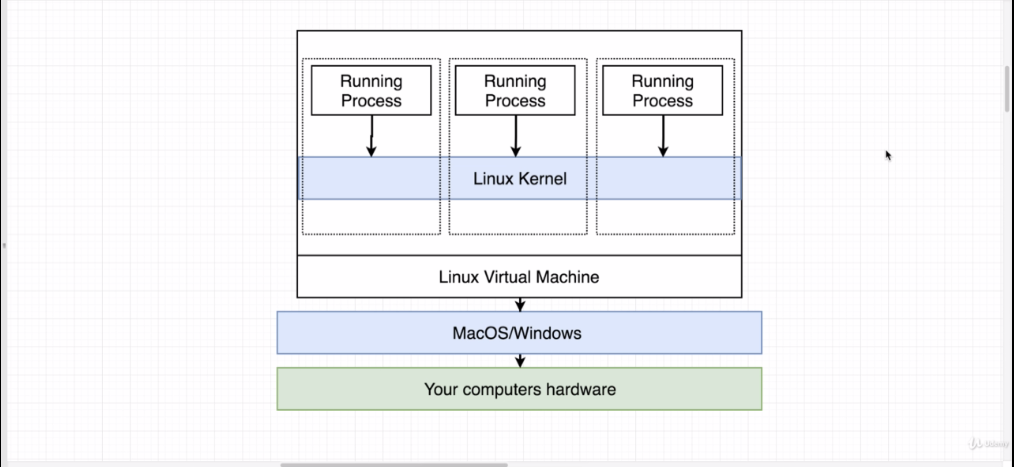


The docker CLI tries to find the image in the local cache, if not found, downloads it from docker hub and stores a copy in the local image cache.

Namespacing & Control groups – used to group the resources which can be used by a process. These belong to Linux OS but not windows and mac

-- *A container is a package of the application along with kernel which is allocated with hardware resources*

A layer of the Linux virtual machine is installed upon the Windows Operating system for the containers to be installed and run. As docker is run on the Linux server and will continue to work until the docker is running.



Docker image with the container:

