

Docker itself

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Uses a REST client-server HTTP setup

Docker command-line client

where we run Docker commands

Somewhere else, maybe on the same system or some other machine

here Docker daemon runs
daemon

a process that runs in the background all the time/always

Docker toolbox

installs your client, virtual machine and docker machine
docker machine just runs docker
lightweight

needed bc you cannot run docker on your windows 10 home edition machine so it runs in another OS

doing virtual machine and containers at the same time

but that is abstracted away from you (so you don't have to care)
except when running quickstart terminal

(1) make sure a docker machine is created and running
and (2) start git bash

only need to run quickstart terminal once and then a
docker machine is created

can do the step 1 command in bash

docker-machine start

or run quickstart terminal (if you do not want to do
the docker-machine start command in bash)

you can use the docker machine until your system
reboots

instead of localhost, everything docker is visible at
192.168.99.100

docker-machine ip

we can have multiple docker machines running in our machine, but
we are just going to use/run one docker machine at a time