Docker ps #shows running containers

Docker run busybox ping google.com

Docker ps –all #will show all containers we have ever created

Docker create hello-world #returns long id

Docker start –a [paste the long id] #the –a is for getting output from the container

Docker system prune #deletes all containers and build cache (includes images from dockerhub)

Docker logs [container id] #retrieves all logs from the container

Docker stop [container id] #will stop gracefully – after 10 seconds fall back to kill

Docker kill [container id] #kills the container immediately

Docker run redis

Docker exec –it [container id] [command] #-it flag is actually –i –t redirects to stdinput and make it “pretty”

Docker exec –it 093b6e72ff2b redis-cli #in order to talk with the redis server we run above

Docker exec –it [container id] sh #will give us a terminal access inside the container

#to get out of container terminal (if ctrl+c doesn’t work) – use ctrl+d or exit

Docker run –it busybox sh #will start the container with its internal terminal

Docker build . #in the directory that has the Dockerfile – will create our image

#each step in a Dockerfile after the FROM (for example the RUN and CMD) create a temp container, execute the step takes a filesystem snapshot of the step, save it a new temporary image which is the base of the next temporary container

#Docker uses cache whenever we re-run the build process and repeat ourselves for performance reasons

Docker build –t [myDockerId/projectname:version] . #this is for tagging an image – example for name is ensuredr/edr-runner:latest and then you can run it like that:

Docker run ensuredr/edr-runner #you can leave out the version if you like it will take the latest by default

#we can manually create an image out of a running container like this:

Docker commit –c ‘CMD[“redis-server”]’ 39075447a383 #the id is what we get from docker ps

#this command will give us a long sha256 – we can copy the first few chars and run it like that:

Docker run 0835898662af























