***Docker Commands and Usage***

PS E:\TEJA NOTES> **docker-machine ls**

NAME ACTIVE DRIVER STATE URL SWARM DOCKER ERRORS

default \* virtualbox Running tcp://192.168.99.100:2376 v17.09.1-ce

PS E:\TEJA NOTES> **docker-machine start**

Starting "default"...

Machine "default" is already running.

PS E:\TEJA NOTES> **docker-machine**

Usage: docker-machine.exe [OPTIONS] COMMAND [arg...]

Create and manage machines running Docker.

Version: 0.12.2, build 9371605

Author:

Docker Machine Contributors - <https://github.com/docker/machine>

Options:

--debug, -D Enable debug mode

--storage-path, -s "C:\Users\prem\.docker\machine" Configures storage path [$MACHINE\_STORAGE\_PATH]

--tls-ca-cert CA to verify remotes against [$MACHINE\_TLS\_CA\_CERT]

--tls-ca-key Private key to generate certificates [$MACHINE\_TLS\_CA\_KEY]

--tls-client-cert Client cert to use for TLS [$MACHINE\_TLS\_CLIENT\_CERT]

--tls-client-key Private key used in client TLS auth [$MACHINE\_TLS\_CLIENT\_KEY]

--github-api-token Token to use for requests to the Github API [$MACHINE\_GITHUB\_API

\_TOKEN]

--native-ssh Use the native (Go-based) SSH implementation. [$MACHINE\_NATIVE\_S

SH]

--bugsnag-api-token BugSnag API token for crash reporting [$MACHINE\_BUGSNAG\_API\_TOKE

N]

--help, -h show help

--version, -v print the version

Commands:

active Print which machine is active

config Print the connection config for machine

create Create a machine

env Display the commands to set up the environment for the Docker client

inspect Inspect information about a machine

ip Get the IP address of a machine

kill Kill a machine

ls List machines

provision Re-provision existing machines

regenerate-certs Regenerate TLS Certificates for a machine

restart Restart a machine

rm Remove a machine

ssh Log into or run a command on a machine with SSH.

scp Copy files between machines

start Start a machine

status Get the status of a machine

stop Stop a machine

upgrade Upgrade a machine to the latest version of Docker

url Get the URL of a machine

version Show the Docker Machine version or a machine docker version

help Shows a list of commands or help for one command

Run 'docker-machine.exe COMMAND --help' for more information on a command.

PS E:\TEJA NOTES> **docker ps**

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS

NAMES

PS E:\TEJA NOTES> **docker images**

REPOSITORY TAG IMAGE ID CREATED SIZE

<none> <none> c6709324ef93 4 months ago 102MB

stpregistry.azurecr.io/stp-accelerator 1.0 d09cc304fac2 4 months ago 131MB

stpregistry.azurecr.io/stp-mstf 3.0 59dc7d3a9c3d 5 months ago 512MB

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stpregistry.azurecr.io/poc v4 6cc0829c6999 5 months ago 305MB

stpregistry.azurecr.io/stp-mstf 1.0 57c6f9689c01 5 months ago 508MB

openjdk 8-jdk-alpine 224765a6bdbe 5 months ago 102MB

microsoft/aspnetcore 2.0 bb8bdc966bb5 5 months ago 302MB

PS E:\TEJA NOTES> **docker ps -a**

CONTAINER ID IMAGE COMMAND CREATED STATUS

PORTS NAMES

65815a0d9211 c6709324ef93 "/bin/sh -c 'apk -..." 4 months ago Exited (1) 4 mont

hs ago gracious\_jepsen

95f943238077 d09cc304fac2 "/bin/sh -c 'exec ..." 4 months ago Exited (255) 2 mo

nths ago 0.0.0.0:8989->8080/tcp objective\_wescoff

b34250369770 42269f48c078 "npm start" 4 months ago Exited (255) 4 mo

nths ago 0.0.0.0:9998->4200/tcp kind\_kepler

cd695dfe0ee5 42269f48c078 "npm start" 4 months ago Exited (255) 4 mo

nths ago 4200/tcp, 0.0.0.0:9997->80/tcp brave\_agnesi

3dffb83aa7f7 57c6f9689c01 "npm start" 4 months ago Exited (255) 4 mo

nths ago 0.0.0.0:9998->4200/tcp elated\_lamarr

5a64d78ed600 stpregistry.azurecr.io/stp-mstf:1.0 "npm start" 4 months ago Exited (255) 4 mo

nths ago 4200/tcp, 0.0.0.0:9000->80/tcp modest\_shirley

ac9b2a1e80e2 stpregistry.azurecr.io/stp-mstf:1.0 "npm start" 4 months ago Exited (255) 4 mo

nths ago 4200/tcp relaxed\_booth

3e0e9869b36d 59bd3cb79513 "dotnet STPPOCMain..." 5 months ago Exited (255) 5 mo

nths ago 0.0.0.0:32145->80/tcp friendly\_fermi

cbc88872be35 5e73aae9646d "dotnet LaaS.dll" 5 months ago Exited (255) 5 mo

nths ago 0.0.0.0:8018->80/tcp hungry\_newton

dbe636f51e48 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Exited (255) 5 mo

nths ago 0.0.0.0:8015->80/tcp optimistic\_einstein

b6f1f5b23900 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Created

hungry\_wing

fff274060392 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Exited (255) 5 mo

nths ago 0.0.0.0:8014->80/tcp admiring\_dubinsky

9e9c50b49b8a 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Created

brave\_euclid

aedbbf5f7285 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Created

pensive\_varahamihira

58db9663be00 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Created

friendly\_leakey

1265ff90577e 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Exited (255) 5 mo

nths ago 0.0.0.0:8013->80/tcp hardcore\_knuth

aa15ccc2345b 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Exited (255) 5 mo

nths ago 80/tcp, 0.0.0.0:32768->8013/tcp focused\_cori

576945e92e31 47ef2a56f65a "dotnet LaaS.dll" 5 months ago Exited (255) 5 mo

nths ago 80/tcp friendly\_rosalind

0d22f7caac71 0707e6b95381 "dotnet App1.dll" 5 months ago Exited (255) 5 mo

nths ago 0.0.0.0:8012->80/tcp pensive\_mirzakhani

48558d817254 9cd4eb747f67 "dotnet App2.dll" 5 months ago Exited (255) 5 mo

nths ago 0.0.0.0:8011->80/tcp heuristic\_lovelace

PS E:\TEJA NOTES> **docker ps -aq**

65815a0d9211

95f943238077

b34250369770

cd695dfe0ee5

3dffb83aa7f7

5a64d78ed600

ac9b2a1e80e2

3e0e9869b36d

cbc88872be35

dbe636f51e48

b6f1f5b23900

fff274060392

9e9c50b49b8a

aedbbf5f7285

58db9663be00

1265ff90577e

aa15ccc2345b

576945e92e31

0d22f7caac71

48558d817254

PS E:\TEJA NOTES>

PS E:\TEJA NOTES>

PS E:\TEJA NOTES> **docker rm 48**

48

PS E:\TEJA NOTES> **docker rm -f $(docker ps -aq)**

65815a0d9211

95f943238077

b34250369770

cd695dfe0ee5

3dffb83aa7f7

5a64d78ed600

ac9b2a1e80e2

3e0e9869b36d

cbc88872be35

dbe636f51e48

b6f1f5b23900

fff274060392

9e9c50b49b8a

aedbbf5f7285

58db9663be00

1265ff90577e

aa15ccc2345b

576945e92e31

0d22f7caac71

PS E:\TEJA NOTES> **docker images**

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stpregistry.azurecr.io/stp-mstf 1.0 57c6f9689c01 5 months ago 508MB

openjdk 8-jdk-alpine 224765a6bdbe 5 months ago 102MB

microsoft/aspnetcore 2.0 bb8bdc966bb5 5 months ago 302MB

PS E:\TEJA NOTES> **docker rmi -f c6**

Deleted: sha256:c6709324ef9318bcdad9a5911c659540772b168da3843afdb965493ea67e47d3

PS E:\TEJA NOTES>

PS E:\TEJA NOTES> docker images -a

REPOSITORY TAG IMAGE ID CREATED SIZE

stpregistry.azurecr.io/stp-accelerator 1.0 d09cc304fac2 4 months ago 131MB

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stpregistry.azurecr.io/poc v4 6cc0829c6999 5 months ago 305MB

<none> <none> 951bdcae1141 5 months ago 305MB

<none> <none> 120ae844f671 5 months ago 302MB

<none> <none> ca09eb96f652 5 months ago 302MB

<none> <none> dd81de7c0a33 5 months ago 302MB

stpregistry.azurecr.io/stp-mstf 1.0 57c6f9689c01 5 months ago 508MB

openjdk 8-jdk-alpine 224765a6bdbe 5 months ago 102MB

microsoft/aspnetcore 2.0 bb8bdc966bb5 5 months ago 302MB

PS E:\TEJA NOTES> **docker images -aq**

d09cc304fac2

59dc7d3a9c3d

42269f48c078

6cc0829c6999

dd81de7c0a33

ca09eb96f652

951bdcae1141

120ae844f671

57c6f9689c01

224765a6bdbe

bb8bdc966bb5

PS E:\TEJA NOTES> **docker rmi -f dd 95 12 57**

Untagged: stpregistry.azurecr.io/stp-mstf:1.0

Untagged: stpregistry.azurecr.io/stp-mstf@sha256:3875ad0f1916a77d652662feeaf9b3c5c85c48b67b128fae82583fe581b2e6b6

Deleted: sha256:57c6f9689c018342df0e729f9b7ebb281000d9d34c974a96242e726a40a247ef

Deleted: sha256:452b3dc4eaa2c87b5b93b8e0893d5e57d712884ccd9e16f073ec6c522c57729c

Deleted: sha256:5396133bea00a9645a12f0b3cd0b175de786be5624979a85cdcc5873a5bab1ea

Error response from daemon: conflict: unable to delete dd81de7c0a33 (cannot be forced) - image has dependent child image

s

Error response from daemon: conflict: unable to delete 951bdcae1141 (cannot be forced) - image has dependent child image

s

Error response from daemon: conflict: unable to delete 120ae844f671 (cannot be forced) - image has dependent child image

s

PS E:\TEJA NOTES> docker rmi d0

Untagged: stpregistry.azurecr.io/stp-accelerator:1.0

Untagged: stpregistry.azurecr.io/stp-accelerator@sha256:0ccbbedb291420a5944b7dd90feca206a472318710d1d7bdf64b2be3644e0f30

Deleted: sha256:d09cc304fac27e7b8f329645938045f1a249a14be5aba3ef929d6bf91c294f9a

Deleted: sha256:326e28ae5ca9fb5a9f213c78211febd3b66dc2748deb344910fc6d3dad274a87

Deleted: sha256:fdbe79d4cef60ed1879e102fb2aadb33c03a40ca9bd368a05cfb4ed823e45638

Deleted: sha256:942d6fe2f7ffb0ee4bd018da8cf100ffe73c486f06340b7b03570917956a5bfb

Deleted: sha256:94ff6c6bbfe799eefbd8011a8dfb53865151d2e28915f2e03905fb86dcc40064

PS E:\TEJA NOTES> **docker rmi -f 59 42 6c**

Untagged: stpregistry.azurecr.io/stp-mstf@sha256:73050a42653672e442c63c5ad1ae5def096d3d6629898525b0632adcea6031cf

Deleted: sha256:59dc7d3a9c3ded6ff80a1acf6c134c4724c74c5f51bd0a898c2b589c61933479

Deleted: sha256:ac381cf31075d30bc808a9f86669d97592828133d39e571d9f21d57266c44bd6

Untagged: stpregistry.azurecr.io/stp-mstf@sha256:3498ce25662aeb1526009210e03cb48e03eb6795b0c346832244aeff854a87d2

Deleted: sha256:42269f48c0783cfe48334dcce4a7f188ff781706c2148ca0d55f8fa61a64c130

Deleted: sha256:96532c415bc6521da6ef056a563e001a5f6f3205a2350cda7304c1fa2f33b99d

Deleted: sha256:f1fc9bb16a72f4f69c8a82d389e7706bf75f27a359fa7b8ee4d54480010b148f

Deleted: sha256:52e00d54e66e3127f868b42ba529dbad0f435232cec3ee020a5e08963517e6ef

Deleted: sha256:31da2dcdf803a4ef52dbe4c23356c6f09ee48212257fb67c2225aa6d41a05630

Deleted: sha256:f970d9989cfab91986b9cfa514c251b732e15e6dab8aca58be82aa9978b23da9

Deleted: sha256:b778820515c3521951815e9b76c62a32a5c1ab45c22e3e1449a5ff44043a0477

Deleted: sha256:7152b3dd92f68f075f10409f8a0060cc1e2cfe05bc39e9066d6962ab4fe16ccc

Deleted: sha256:4bcdffd70da292293d059d2435c7056711fab2655f8b74f48ad0abe042b63687

Untagged: stpregistry.azurecr.io/poc:v4

Untagged: stpregistry.azurecr.io/poc@sha256:d5413f2801f962b4e099bee9aeaa70474c473d4627a1eb138e18f388364083bf

Deleted: sha256:6cc0829c6999f51c6c140fae7cb0fc089563fa221490b962398474ae3d91c621

Deleted: sha256:951bdcae1141fb82472d26bb436ef2a3d0d8d97def949c783475dfdacdb385c6

Deleted: sha256:7ee2b0f64c665f05940251fab5bd8c657b1b5e3e077a89cee9ffa615db5a9340

Deleted: sha256:dd81de7c0a33d64700577bf6f8187421821bec0c88730e13df1cc9a4eeb492f4

Deleted: sha256:120ae844f671272efb5228de8050bade11c486541c86c63ddb064fd73ddf9c9d

Deleted: sha256:ebb7ff0b9d3bb118c953f7bc19538e31f99ebd599ca0883cd244bec00f233ad2

Deleted: sha256:ca09eb96f652986fb7bc0346e02924d7ee9a5b1aff08992892d564ba35018a2c

PS E:\TEJA NOTES> **docker network ls**

NETWORK ID NAME DRIVER SCOPE

fc38c16e2d92 bridge bridge local

7e9ce0ea82e2 docker\_gwbridge bridge local

3e53268629e1 host host local

9b538e379e9e laas\_default bridge local

46357faf185f none null local

656e1a01282f santacruz\_default bridge local

PS E:\TEJA NOTES>