

install

Docker

Mac OS (Requires macOS Yosemite 10.10.3 or above)

<https://download.docker.com/mac/stable/Docker.dmg>

Windows (Requires Windows 10 Professional or Enterprise 64-bit)

<https://download.docker.com/win/stable/InstallDocker.msi>

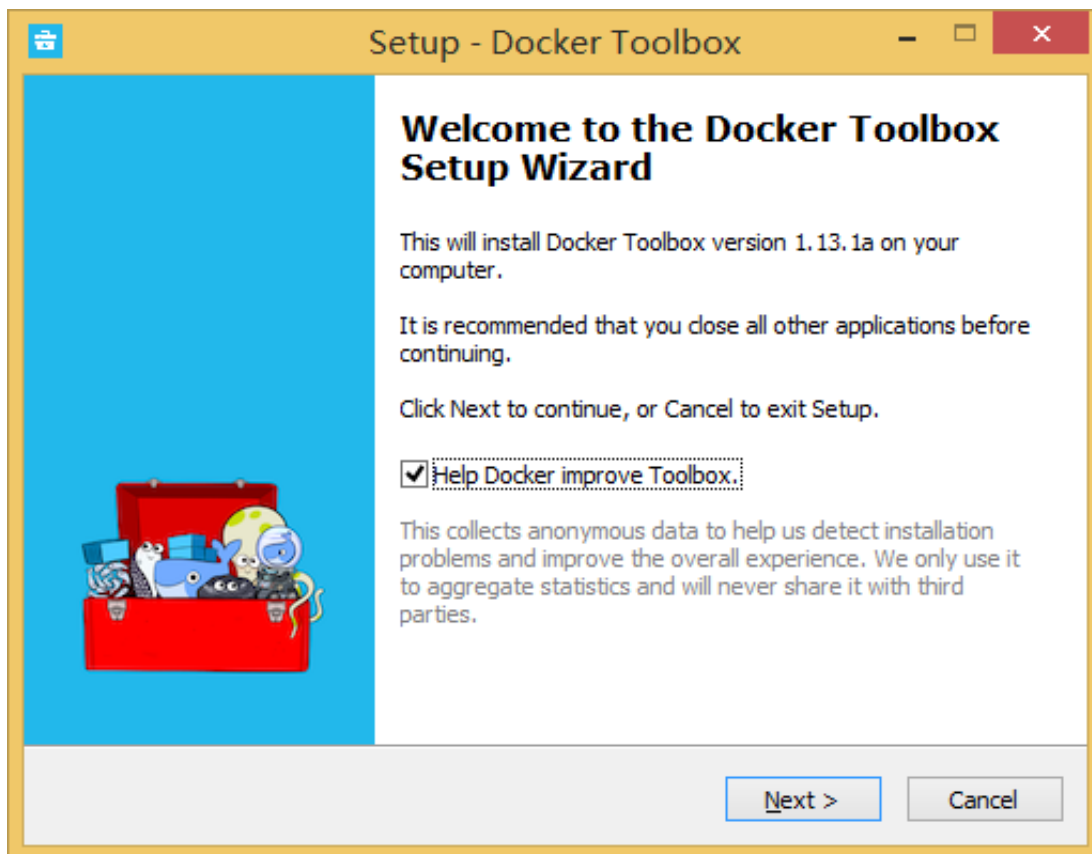
Docker Toolbox

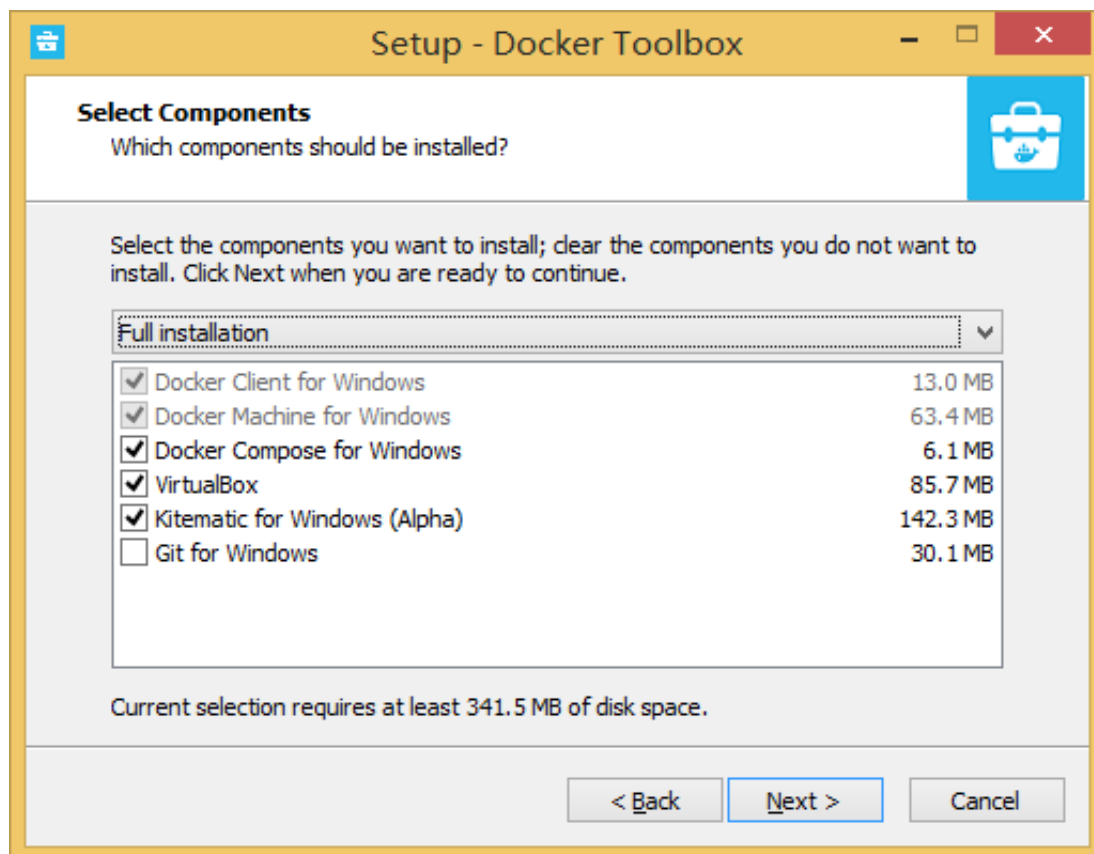
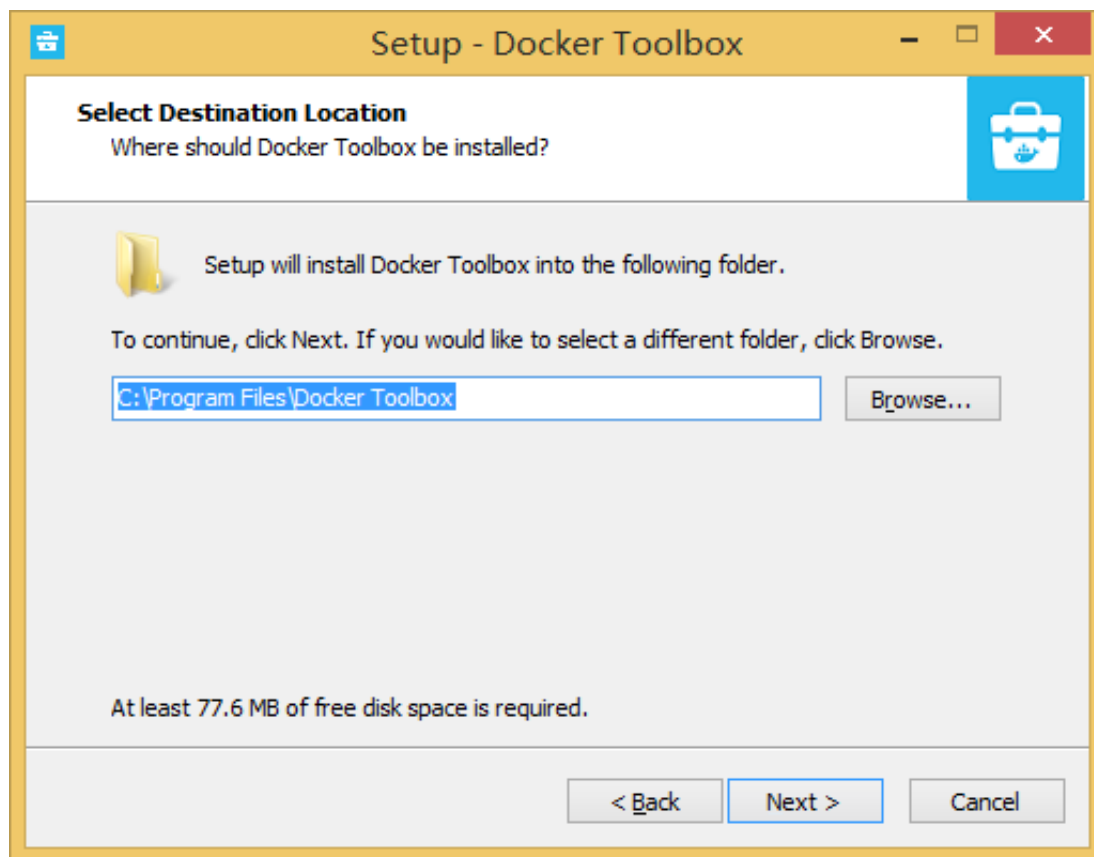
Mac OS

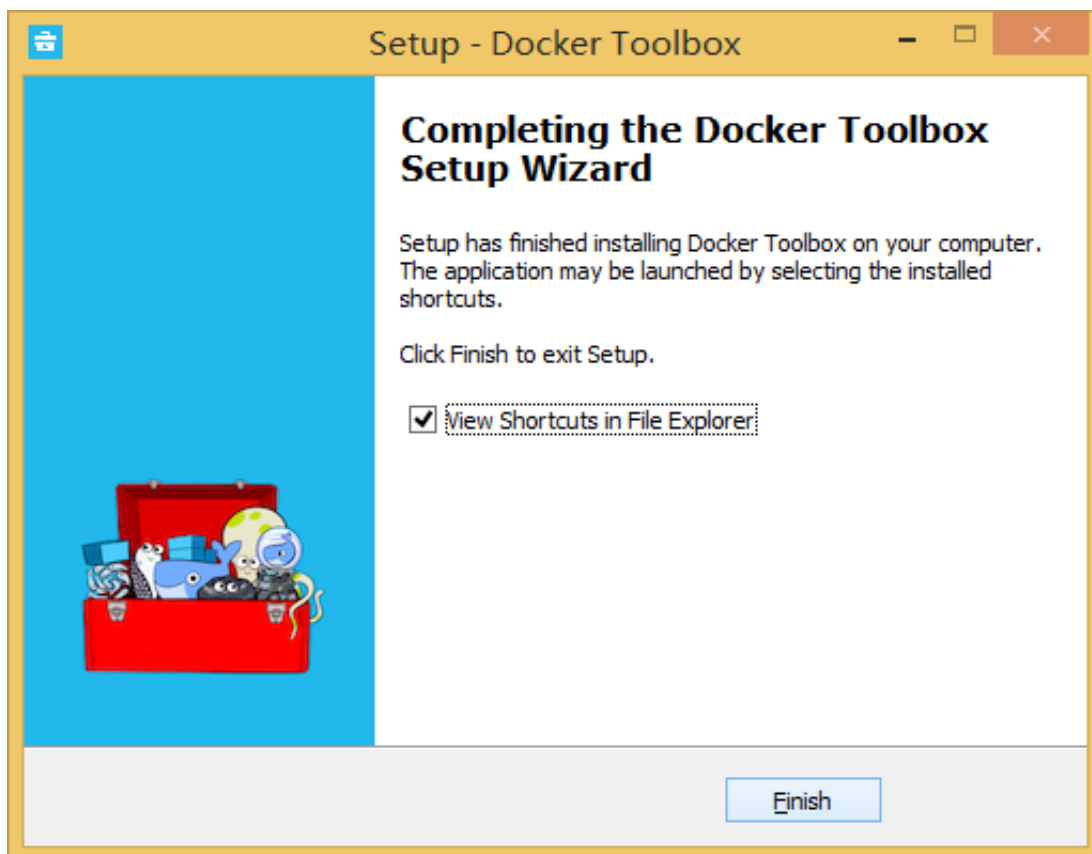
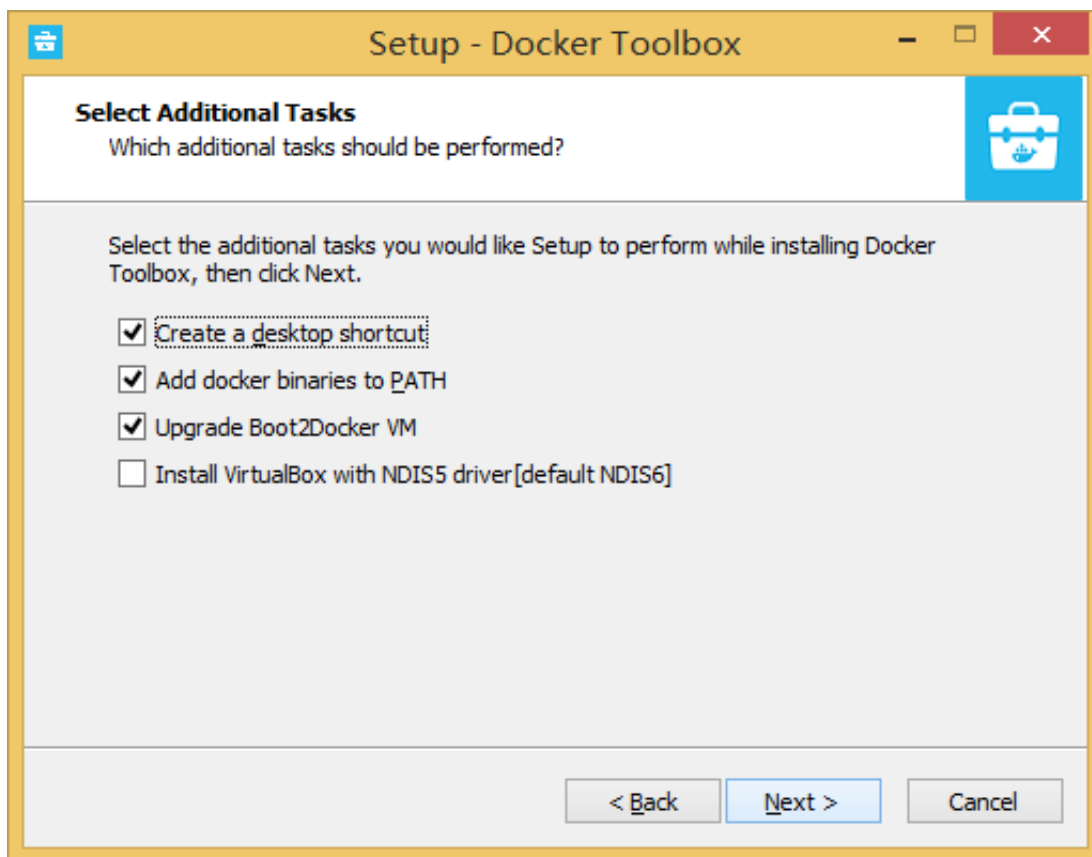
https://docs.docker.com/toolbox/toolbox_install_mac/

Windows

https://docs.docker.com/toolbox/toolbox_install_windows/







docker-machine

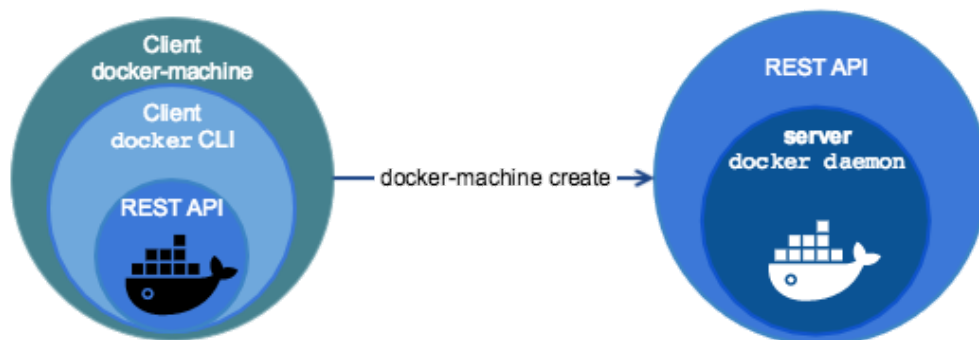
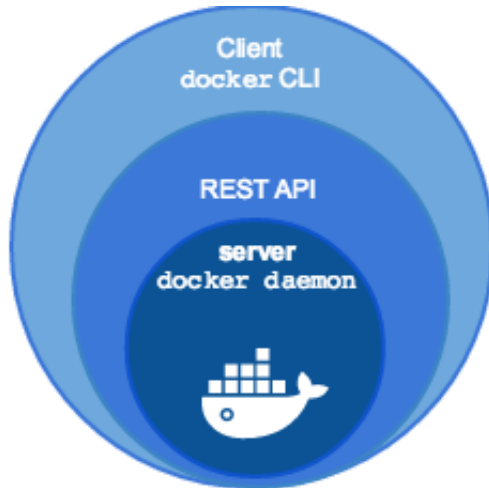
<https://docs.docker.com/machine/>



Docker Machine on Mac



Docker Machine on Windows



1. `docker-machine create --driver virtualbox default`
2. `docker-machine env default`
3. `docker-machine ls`
4. `docker-machine start`
5. `eval "$(docker-machine env default)"`

```

mac-mini:~ xenron$ docker-machine help
Usage: docker-machine [OPTIONS] COMMAND [arg...]

Create and manage machines running Docker.

Version: 0.8.1, build 41b3b25

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

Options:
  --debug, -D                Enable debug mode
  --storage-path, -s "/Users/xenron/.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. [$MACHINE_NATIVE_SSH]
  --bugsnag-api-token        BugSnag API token for crash reporting [$MACHINE_BUGSNAG_API_TOKEN]
  --help, -h                show help
  --version, -v              print the version

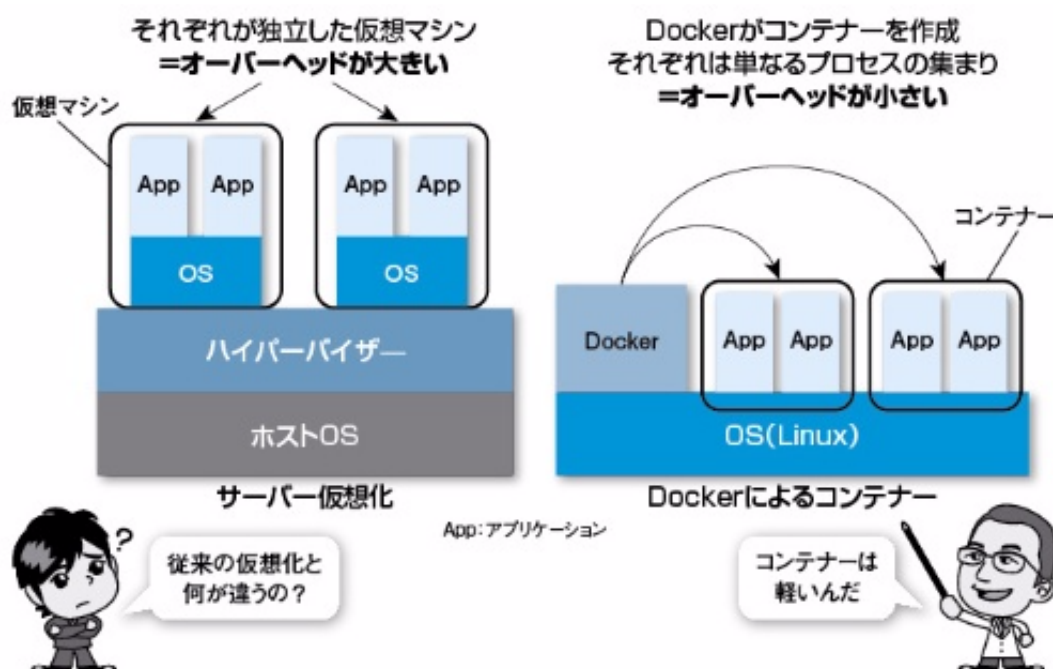
Commands:
  active      Print which machine is active
  config      Print the connection config for machine
  create      Create a machine
  env         Display the commands to set up the environment for the Docker client
  inspect     Inspect information about a machine
  ip          Get the IP address 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

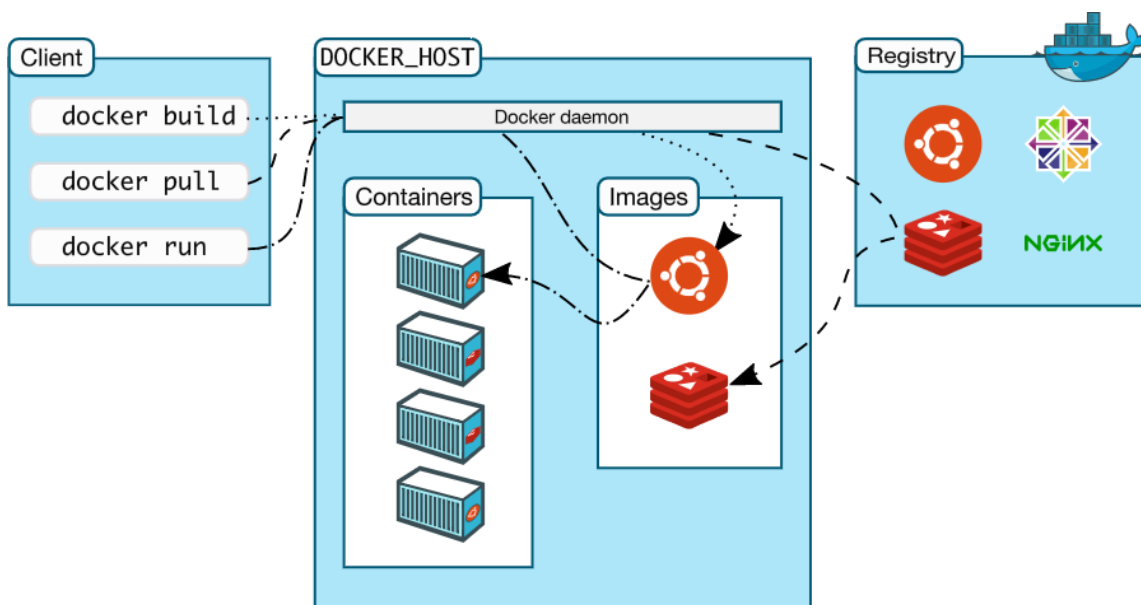
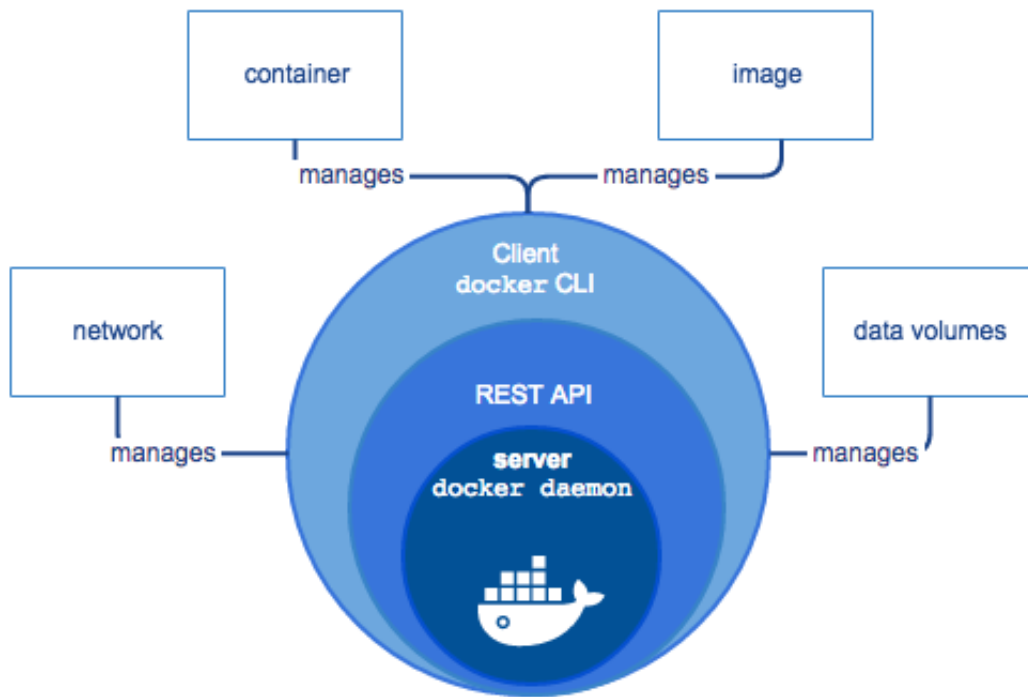
Run 'docker-machine COMMAND --help' for more information on a command.
mac-mini:~ xenron$

```

docker

<https://docs.docker.com/engine/understanding-docker/>





```
mac-mini:~ xenron$ docker-machine help
```

```
Usage: docker-machine [OPTIONS] COMMAND [arg...]
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Create and manage machines running Docker.

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Author:

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

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upgrade	Upgrade a machine to the latest version of Docker
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help	Shows a list of commands or help for one command

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

```
mac-mini:~ xenron$
```

```
Commands:
  attach      Attach to a running container
  build       Build an image from a Dockerfile
  commit      Create a new image from a container's changes
  cp          Copy files/folders between a container and the local filesystem
  create      Create a new container
  diff        Inspect changes on a container's filesystem
  events      Get real time events from the server
  exec        Run a command in a running container
  export      Export a container's filesystem as a tar archive
  history     Show the history of an image
  images      List images
  import      Import the contents from a tarball to create a filesystem image
  info        Display system-wide information
  inspect     Return low-level information on a container, image or task
  kill        Kill one or more running containers
  load        Load an image from a tar archive or STDIN
  login       Log in to a Docker registry.
  logout      Log out from a Docker registry.
  logs        Fetch the logs of a container
  network     Manage Docker networks
  node        Manage Docker Swarm nodes
  pause       Pause all processes within one or more containers
  port        List port mappings or a specific mapping for the container
  ps          List containers
  pull        Pull an image or a repository from a registry
  push        Push an image or a repository to a registry
  rename      Rename a container
  restart     Restart a container
  rm          Remove one or more containers
  rmi         Remove one or more images
  run         Run a command in a new container
  save        Save one or more images to a tar archive (streamed to STDOUT by default)
  search      Search the Docker Hub for images
  service     Manage Docker services
  start       Start one or more stopped containers
  stats       Display a live stream of container(s) resource usage statistics
  stop        Stop one or more running containers
  swarm       Manage Docker Swarm
  tag         Tag an image into a repository
  top         Display the running processes of a container
  unpause     Unpause all processes within one or more containers
  update      Update configuration of one or more containers
  version     Show the Docker version information
  volume      Manage Docker volumes
  wait        Block until a container stops, then print its exit code
```

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

mac-mini:~ xenron\$

docker network

<https://docs.docker.com/engine/userguide/networking/>

