

Installation

Install Visual Studio Code and install Docker plugin
Install docker by going to docker.com

`docker version`

```
Client: Docker Engine - Community
 Cloud integration: 1.0.2
 Version:          19.03.13
 API version:      1.40
 Go version:       go1.13.15
 Git commit:       4484c46d9d
 Built:            Wed Sep 16 16:58:31 2020
 OS/Arch:          darwin/amd64
 Experimental:     false
```

```
Server: Docker Engine - Community
 Engine:
  Version:          19.03.13
  API version:      1.40 (minimum version 1.12)
  Go version:       go1.13.15
  Git commit:       4484c46d9d
  Built:            Wed Sep 16 17:07:04 2020
  OS/Arch:          linux/amd64
  Experimental:     false
 containerd:
  Version:          v1.3.7
  GitCommit:        8fba4e9a7d01810a393d5d25a3621dc101981175
 runc:
  Version:          1.0.0-rc10
  GitCommit:        dc9208a3303feef5b3839f4323d9beb36df0a9dd
 docker-init:
  Version:          0.18.0
  GitCommit:        fec3683
```

`docker --version`

Docker version 19.03.13, build 4484c46d9d

`docker run -it hello-world`

```
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
0e03bdcc26d7: Pull complete
Digest: sha256:8c5aeeb6a5f3ba4883347d3747a7249f491766ca1caa47e5da5dfcf6b9b717c0
Status: Downloaded newer image for hello-world:latest
```

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:

1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
(amd64)
3. The Docker daemon created a new container from that image which runs the executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it to your terminal.

To try something more ambitious, you can run an Ubuntu container with:

```
$ docker run -it ubuntu bash
```

Share images, automate workflows, and more with a free Docker ID:
<https://hub.docker.com/>

For more examples and ideas, visit:
<https://docs.docker.com/get-started/>

docker-machine version

zsh: command not found: docker-machine

By default docker machine won't be there. Can be installed in many ways.

In Mac OS

```
base=https://github.com/docker/machine/releases/download/v0.16.0 &&  
curl -L $base/docker-machine-$(uname -s)-$(uname -m) >/usr/local/  
bin/docker-machine && chmod +x /usr/local/bin/docker-machine
```

In Linux

```
base=https://github.com/docker/machine/releases/download/v0.16.0 &&  
curl -L $base/docker-machine-$(uname -s)-$(uname -m) >/tmp/docker-  
machine && sudo mv /tmp/docker-machine /usr/local/bin/docker-machine  
&& chmod +x /usr/local/bin/docker-machine
```

In Windows

```
base=https://github.com/docker/machine/releases/download/v0.16.0 &&  
mkdir -p "$HOME/bin" && curl -L $base/docker-machine-Windows-  
x86_64.exe > "$HOME/bin/docker-machine.exe" &&  
chmod +x "$HOME/bin/docker-machine.exe"
```

OR

Using brew we can install

```
brew install docker-machine
```

After installation

docker-machine version

docker-machine version 0.16.2, build bd45ab1

docker-compose version

docker-compose version 1.27.4, build 40524192

docker-py version: 4.3.1
CPython version: 3.7.7
OpenSSL version: OpenSSL 1.1.1g 21 Apr 2020

docker info