Using Docker *Portable*

How to use?

1. `docker` should be installed on machine.
2. edit docker config files (`/etc/docker/daemon.json`) in host machine and client machine:

   ```
   {
       "experimental": false,
       "insecure-registries": ["192.168.1.103:5000"],
       "registry-mirrors": ["http://192.168.1.103:5000"]
   }
   ```

3. run in terminal:

   ```
   sudo docker compose up
   ```

4. go to [Link](#) to see available images.
5. pull and push your images on registry:

   ```
   sudo docker pull 192.168.1.103:5000/<image-name>
   ```

6. it's done!

> *you should restart your docker after new configs*.

Docs

- pull registry image from `Dockerub`

  ```
  sudo docker pull registry
  ```

- store pulled images on your machine in file for transfering

  ```
  docker save -o <save-location>/<file-name>.tar <image-name>
  ```

- load image from file to machine

```
docker load -i <image-file-path>.tar
```

- run image to specific volume (for read and write)

```
sudo docker run --rm -v ./regvol:/var/lib/registry --name hooshan
```

- add image to registry:

```
sudo docker tag <image-name> <your-registry-address>/<image-name>
sudo docker push <your-registry-address>/<image-name>
```

- remove all docker images:

```
sudo docker rmi -f $(sudo docker images -aq)
```

- remove all docker containers:

```
sudo docker rm -vf $(sudo docker ps -aq)
```

```
sudo docker container prune
```

in docker volume mounting it is possible that does not work correctly and you lose your data! because default mode in docker volume plugging is `:mrw` that contains `mknod` that cause unauthorized not accessible, so you should specify `:rw` to remove `mknod` mode.