Using Docker *Portable*

How to use?

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

   ```json
   {
       "experimental": false,
       "insecure-registries": ["localhost:5000"]
   }
   ```

3. run in terminal:

   ```
   sudo chmod u+x run.sh
   ./run.sh
   ```

4. go to `http://localhost:5000/v2/_catalog` to see available images.
5. how to pull image:

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

6. it's done!

> instead of `localhost` you should consider your ip in private network. *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-registry
  ```

- 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
  ```