

# Docker

## Docker Registry Proxy

<https://docs.docker.com/config/daemon/systemd/#httphttps-proxy>

## Bootstrap basic Debian image

```
mkdir jessie-chroot
sudo debootstrap jessie ./jessie-chroot http://http.debian.net/debian/
```

Build docker image from tarball

```
cd jessie-chroot
sudo tar cpf - . | docker import - debian
```

Build new container

```
docker run -it --rm debian /bin/bash
```

## Start Container from Dockerhub Image

```
docker run --name nifi -p 8080:8080 -d apache/nifi:latest
```

With interactive shell:

```
docker run -it apache/nifi bash
```

## Jump into Container

```
docker exec -it nifi bash
```

## Stop Container

```
docker stop nifi
```

## Remove Containers, Images, Volumes

```
docker stop $(docker ps -aq) && docker rm $(docker ps -aq) && docker rmi $(docker images -aq) && docker volume rm $(docker volume ls -q)
```

## Aliases

*(Docker aliases to set for the shell)*

```
alias dps='docker ps -a --format "table {{.Names}}\t{{.Status}}\t{{.Ports}}\t{{.Image}}\t{{.Command}}" | (read -r; printf "%s\n" "$REPLY"; sort -k 1 )'
```

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