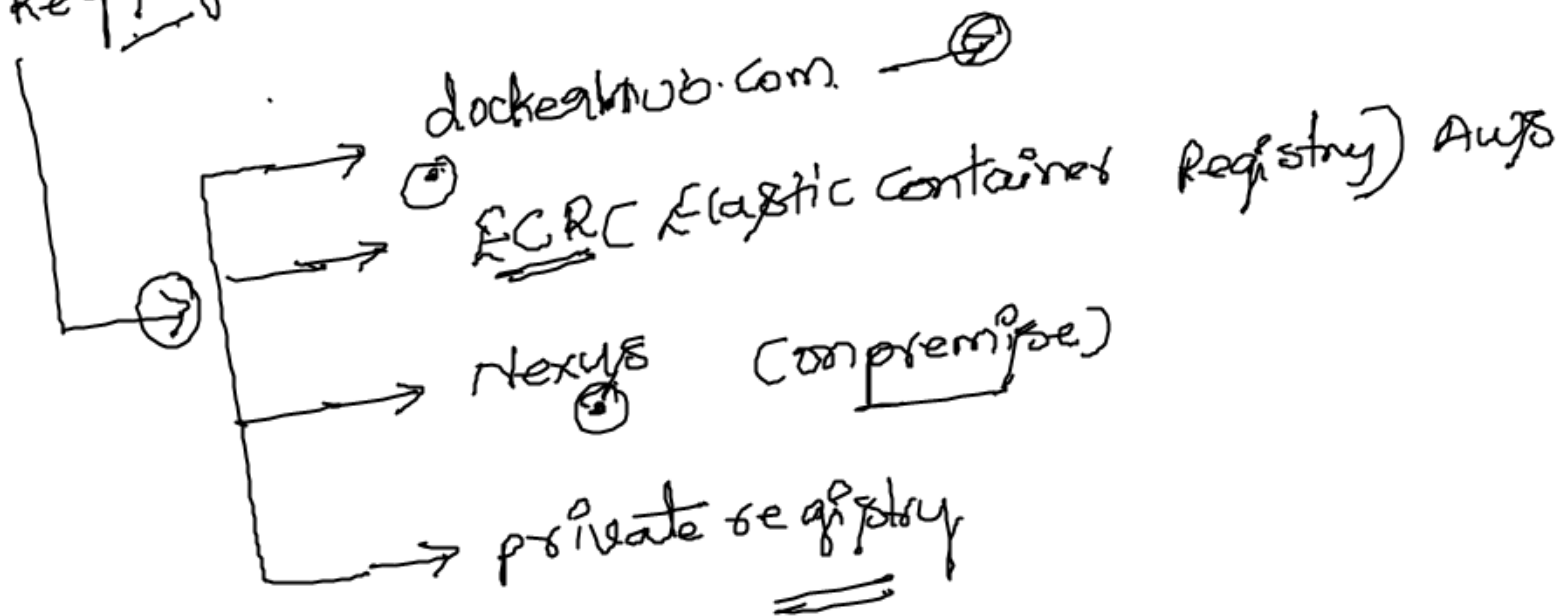


how

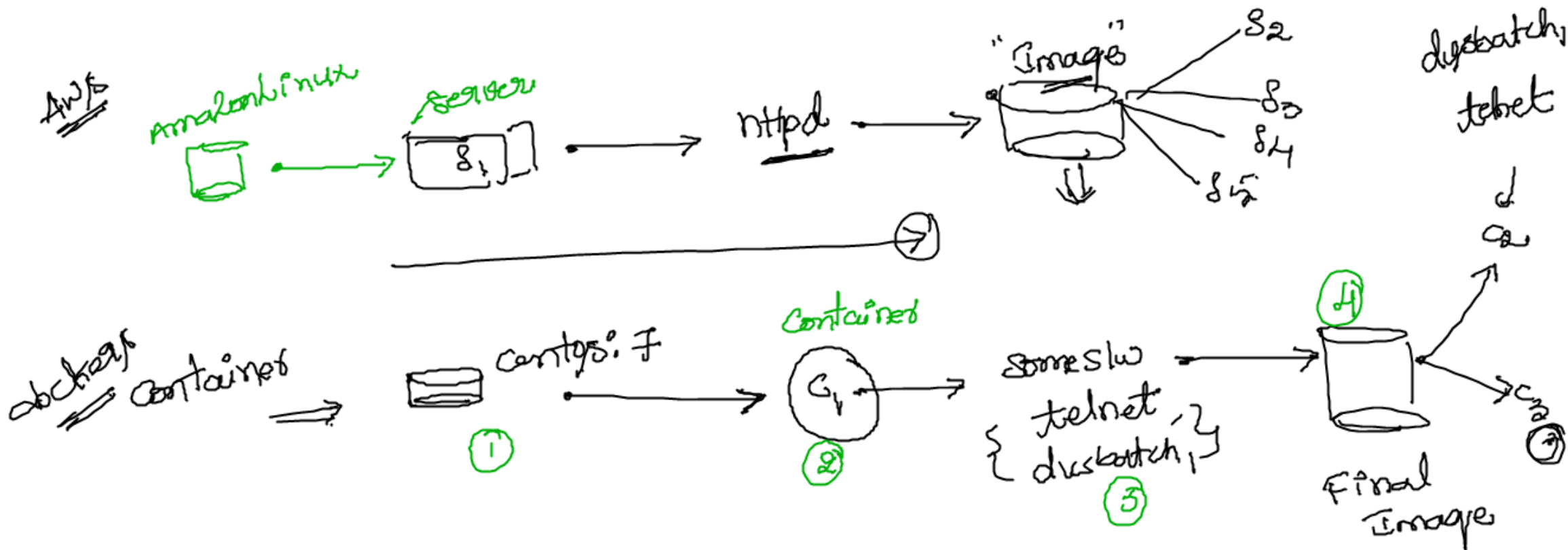
Dockers → Image

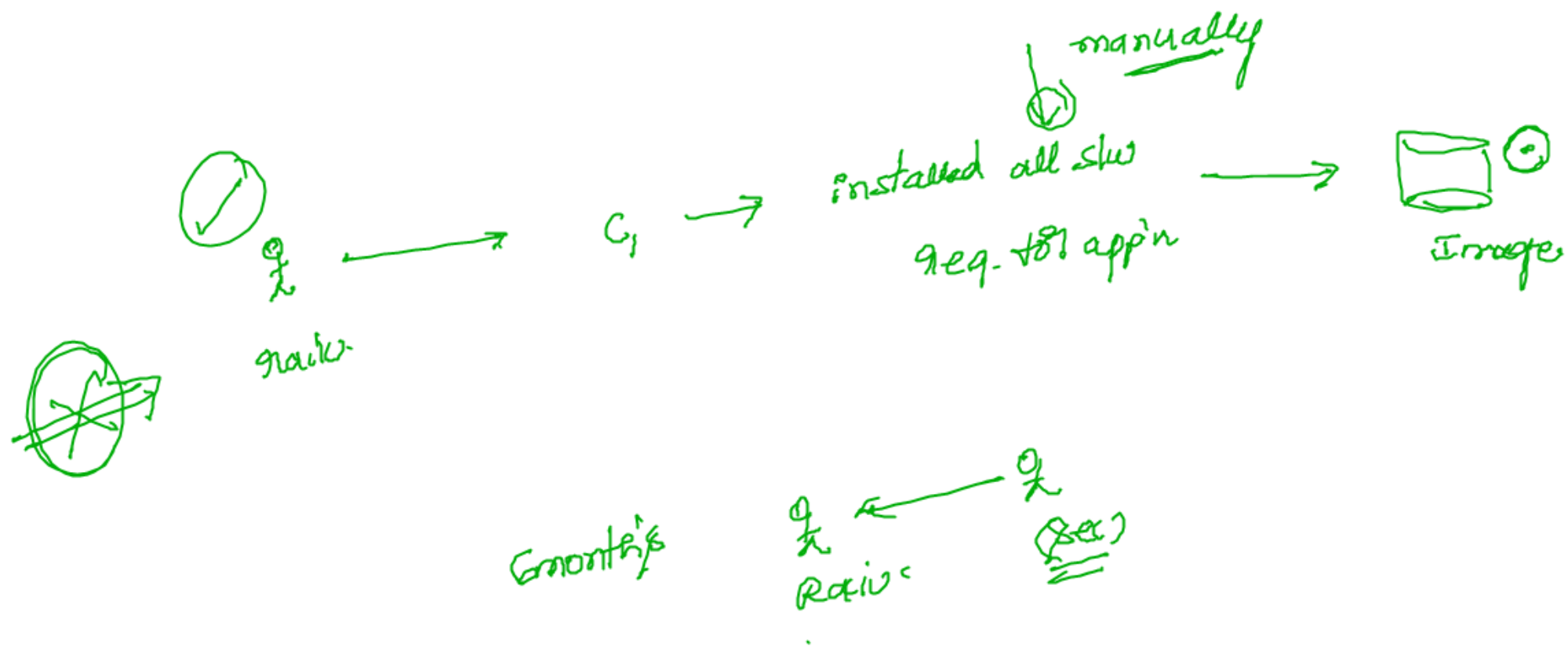
Registry : Location where we save images



Custom images

1. via containers
2. via Dockerfile ①





Dockerfile

Dockerfile.

```
FROM centos:7
RUN yum install telnet -y
RUN useradd docker; echo docker:docker | chpasswd; echo docker | grep ^docker$
```

```
[root@dockers myimages]# docker build -t "dockerfileimage:v1" .
```

```
Sending build context to Docker daemon 2.048kB
```

```
Step 1/3 : FROM centos:7
```

```
----> 8652b9f0cb4c
```

```
Step 2/3 : RUN yum install telnet -y
```

```
----> Running in 2b9a2c7f9f68
```

```
Loaded plugins: fastestmirror, ovl
```

```
Determining fastest mirrors
```

```
* base: d36uatko69830t.cloudfront.net
```

```
* extras: d36uatko69830t.cloudfront.net
```

```
* updates: d36uatko69830t.cloudfront.net
```

```
Resolving Dependencies
```

```
--> Running transaction check
```

```
---> Package telnet.x86_64 1:0.17-66.el7 will be installed
```

```
--> Finished Dependency Resolution
```

```
Dependencies Resolved
```

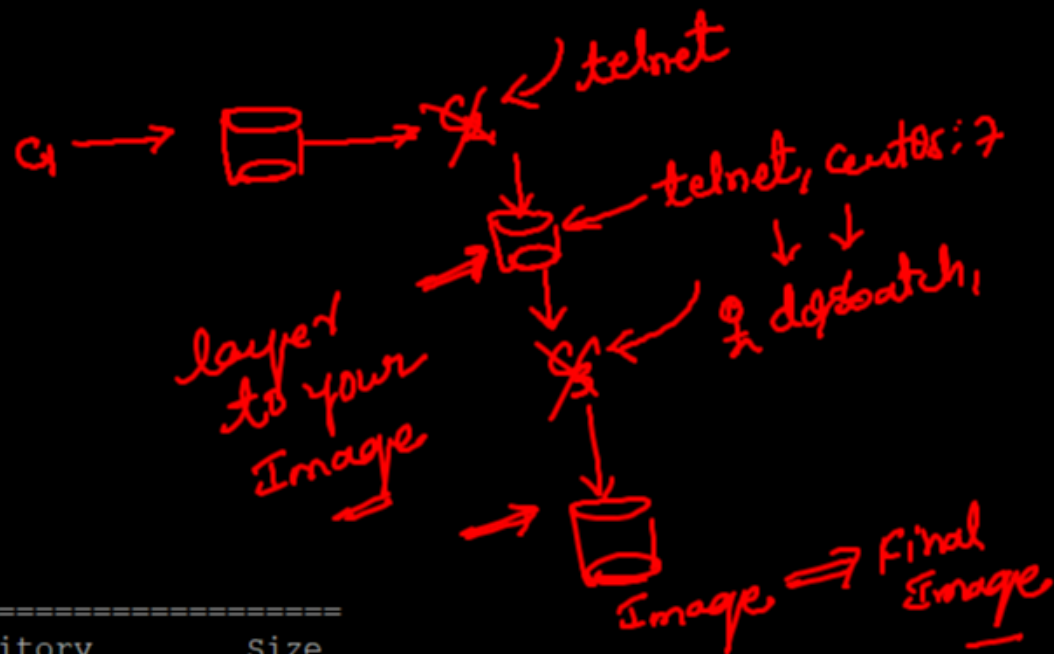
Package	Arch	Version	Repository	Size
Installing:				
telnet	x86_64	1:0.17-66.el7	updates	64 k

```
Transaction Summary
```

```
Install 1 Package
```

```
Total download size: 64 k
```

```
Installed size: 113 k
```



Note:- Docker instructions should be minimal

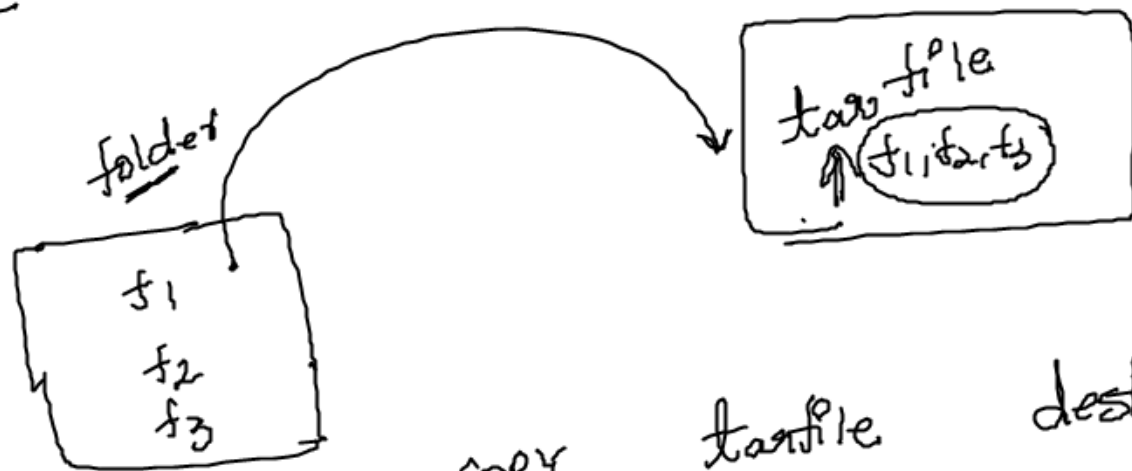
# dockerfile instructions / references

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FROM, RUN

ADD  $\Rightarrow$

COPY  $\Rightarrow$

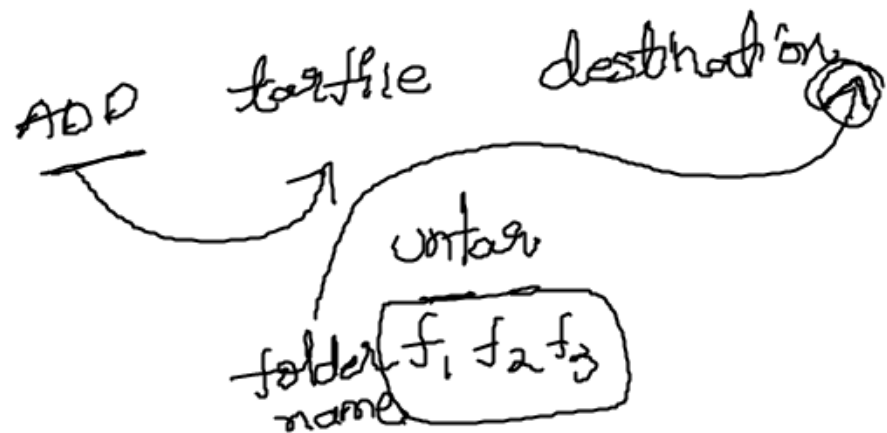


COPY

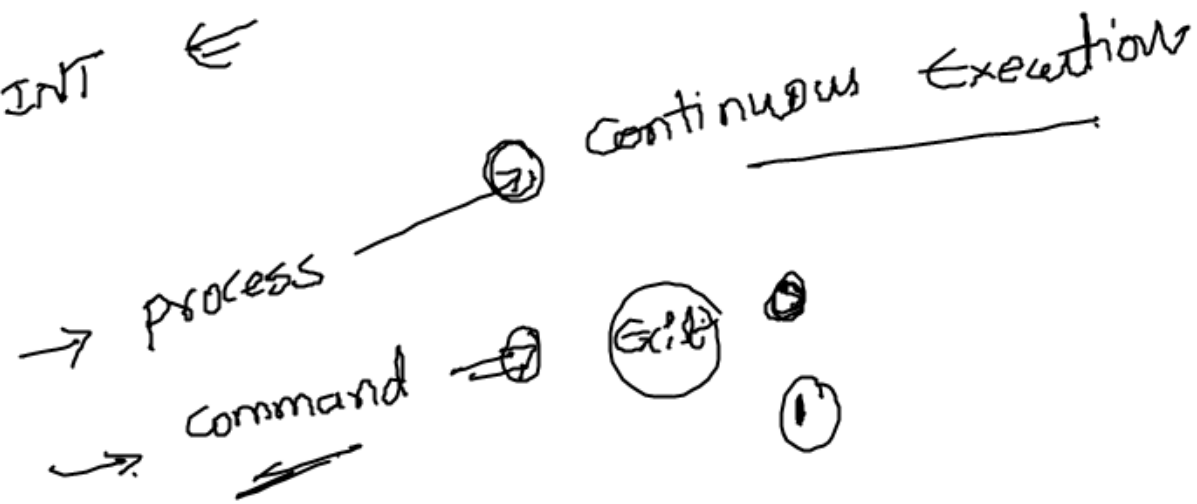
tarfile

destination

as it is



CMD VS ENTRYPOINT ←



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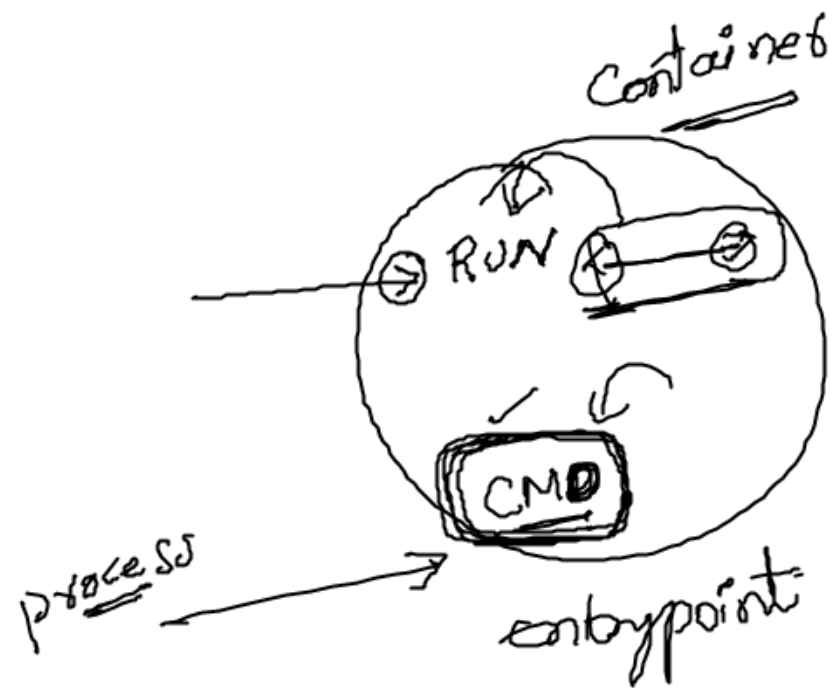
apache : ①

yum install httpd -y

systemctl enable httpd

“ restart httpd ”

starting httpd  
process




→ CMD

→ ENTRYPOINT  
==



Image

myapp: v1  → production



