

Docker Commands: Image ↔ Container

Step 1: Run a container from a base image (e.g., ubuntu)

```
docker run -it --name mycontainer ubuntu /bin/bash
```

Step 2: Make changes inside the container (e.g., install packages)

Example inside the container:

```
apt update
```

```
create a simple html file ex hello.html
```

Step 3: Create a custom image from the modified container

```
docker commit mycontainer my-custom-image
```

Optional: Add a tag to the image

```
docker commit mycontainer my-custom-image:v1
```

Step 4: View the list of images

```
docker images
```

Step 5: Run a new container from your custom image

```
docker run -it --name newcontainer my-custom-image /bin/bash
```