

# Tagging and Pushing Docker Images to Docker Hub — Step-by-step

1) Log in to Docker Hub from your terminal:

```
docker login
```

(enter your Docker Hub username and password or PAT when prompted)

2) Tag your local image with your Docker Hub username and desired repo:tag

```
docker tag <local-image>:<local-tag> <dockerhub-username>/<repo-name>:<tag>
```

Example: `docker tag my-image:latest tanmayplexasys/my-image:latest`

3) Push the tagged image to Docker Hub:

```
docker push <dockerhub-username>/<repo-name>:<tag>
```

Example: `docker push tanmayplexasys/my-image:latest`

4) Verify the push:

- In terminal: `docker pull <dockerhub-username>/<repo-name>:<tag>` (or docker images to see local tags)

- On Docker Hub website: check your repository page

Tips & Notes:

- Use semantic tags (v1.0.0, v1.0.1) in addition to 'latest' for reproducibility.

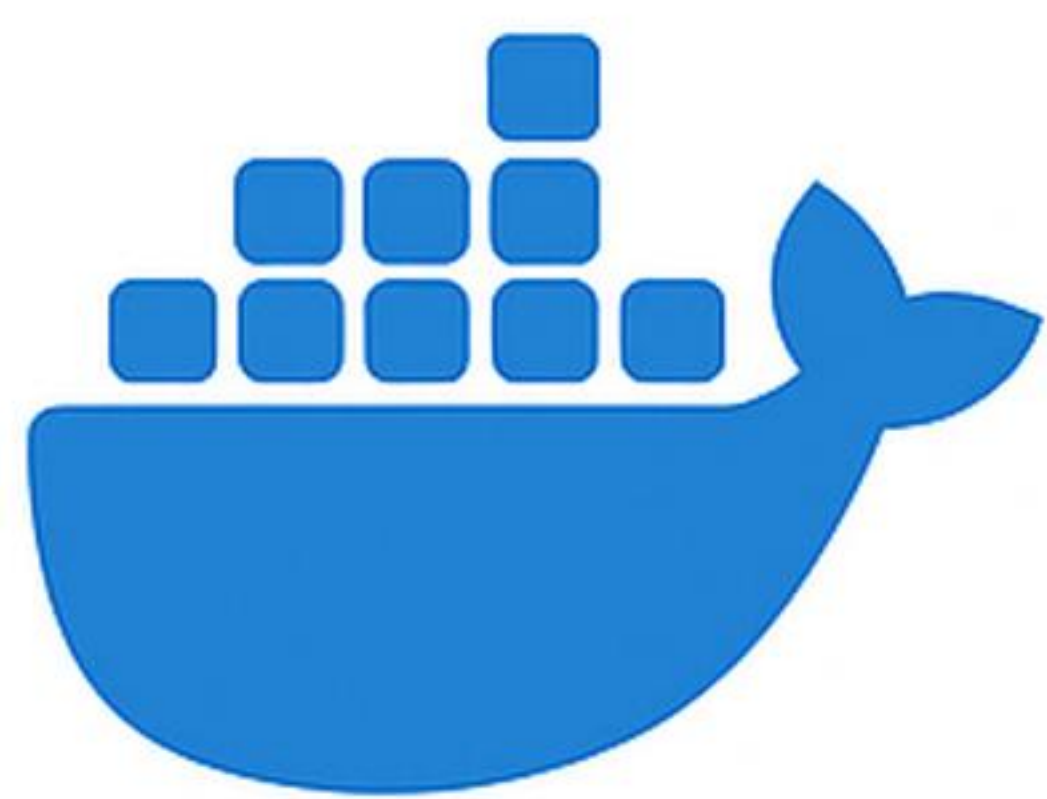
- If push fails with permission error, ensure the repo exists on Docker Hub or you have rights to push.

- For automation, create a Docker Hub access token (PAT) and use it instead of password.

- To push multi-arch images, look into 'docker buildx' and manifest commands.



# HOW TO TAG AND PUSH DOCKER IMAGES ON DOCKER HUB



## 1. Tag the image

```
docker tag my-image:latest  
myusername/my-image:latest
```



## 2. Push the image

```
docker push myusername  
/my-image:latest
```