**To publish (push) a Docker image to Docker Hub, follow these steps:**

**\*\*Steps to Publish an Image on Docker Hub\*\*:**

1. \*\*Log in to Docker Hub\*\*:

- First, you need to log in to your Docker Hub account from the command line.

- \*\*Command\*\*:

**docker login**

- This command will prompt you to enter your Docker Hub username and password. But if you are already logged into Docker hub then it don’t require.

2. \*\*Tag the Image\*\*:

- Before pushing the image, you need to tag it with the Docker Hub repository name. The tag format is `username/repository:tag`.

- \*\*Command\*\*:

**docker tag local-image-name username/repository-name:tag**

- Example:

docker tag myimage:latest myusername/myrepository:1.0

- This tags the local image `myimage:latest` with the name `myusername/myrepository:1.0`.

3. \*\*Push the Image to Docker Hub\*\*:

- Now, you can push the tagged image to Docker Hub.

- \*\*Command\*\*:

**docker push username/repository-name:tag**

- Example:

docker push myusername/myrepository:1.0

- This command pushes the image to the `myrepository` repository under your Docker Hub username.

4. \*\*Verify the Push\*\*:

- You can verify that the image has been successfully pushed by checking your repository on Docker Hub.

### \*\*Example Workflow\*\*:

Let's say you have an image named `myapp` and you want to push it to Docker Hub under the repository `myusername/myapp` with the tag `v1.0`:

1. \*\*Log in\*\*:

**docker login**

2. \*\*Tag the Image\*\*:

**docker tag myapp myusername/myapp:v1.0**

3. \*\*Push the Image\*\*:

**docker push myusername/myapp:v1.0**

4. \*\*Verify\*\*:

- Visit [Docker Hub](https://hub.docker.com/) and check your `myapp` repository under your account to see the image.