

NAME

docker-image-push - Upload an image to a registry

SYNOPSIS

docker image push [OPTIONS] NAME[:TAG]

DESCRIPTION

Use **docker image push** to share your images to the Docker Hub (<https://hub.docker.com>) registry or to a self-hosted one.

Refer to **docker-image-tag(1)** for more information about valid image and tag names.

Killing the **docker image push** process, for example by pressing **CTRL-c** while it is running in a terminal, terminates the push operation.

Registry credentials are managed by **docker-login(1)**.

EXAMPLES**Pushing a new image to a registry**

First save the new image by finding the container ID (using **docker container ls**) and then committing it to a new image name. Note that only a-z0-9-_. are allowed when naming images:

```
# docker container commit c16378f943fe rhel-httpd
```

Now, push the image to the registry using the image ID. In this example the registry is on host named **registry-host** and listening on port **5000**. To do this, tag the image with the host name or IP address, and the port of the registry:

```
# docker image tag rhel-httpd registry-host:5000/myadmin/rhel-httpd:latest
# docker image push registry-host:5000/myadmin/rhel-httpd:latest
```

Check that this worked by running:

```
# docker image ls
```

You should see both **rhel-httpd** and **registry-host:5000/myadmin/rhel-httpd** listed.

Push all tags of an image

Use the **-a** (or **--all-tags**) option to push all tags of a local image.

The following example creates multiple tags for an image, and pushes all those tags to Docker Hub.

```
$ docker image tag myimage registry-host:5000/myname/myimage:latest
$ docker image tag myimage registry-host:5000/myname/myimage:v1.0.1
$ docker image tag myimage registry-host:5000/myname/myimage:v1.0
$ docker image tag myimage registry-host:5000/myname/myimage:v1
```

The image is now tagged under multiple names:

```
$ docker image ls
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
myimage	latest	6d5fcfe5ff17	2 hours ago	1.22MB
registry-host:5000/myname/myimage	latest	6d5fcfe5ff17	2 hours ago	1.22MB
registry-host:5000/myname/myimage	v1	6d5fcfe5ff17	2 hours ago	1.22MB
registry-host:5000/myname/myimage	v1.0	6d5fcfe5ff17	2 hours ago	1.22MB
registry-host:5000/myname/myimage	v1.0.1	6d5fcfe5ff17	2 hours ago	1.22MB

When pushing with the **--all-tags** option, all tags of the **registry-host:5000/myname/myimage** image are pushed:

```
$ docker image push --all-tags registry-host:5000/myname/myimage
```

The push refers to repository [registry-host:5000/myname/myimage]

```
195be5f8be1d: Pushed
```

```
latest: digest: sha256:edafc0a0fb057813850d1ba44014914ca02d671ae247107ca70c94db686e7
```

```
195be5f8be1d: Layer already exists
```

```
v1: digest: sha256:edafc0a0fb057813850d1ba44014914ca02d671ae247107ca70c94db686e7de6
```

```
195be5f8be1d: Layer already exists
```

```
v1.0: digest: sha256:edafc0a0fb057813850d1ba44014914ca02d671ae247107ca70c94db686e7de
```

```
195be5f8be1d: Layer already exists
```

```
v1.0.1: digest: sha256:edafc0a0fb057813850d1ba44014914ca02d671ae247107ca70c94db686e7
```

OPTIONS

-a, --all-tags[=false] Push all tags of an image to the repository

--platform="" Push a platform-specific manifest as a single-platform image to the registry. Image index won't be pushed, meaning that other manifests, including attestations won't be preserved. 'os[/arch[/variant]]': Explicit platform (eg. linux/amd64)

-q, --quiet[=false] Suppress verbose output

SEE ALSO

docker-image(1)