



Linux Ubuntu 22.4.5 Manual Pages on command 'docker-image-push.1'

\$ man docker-image-push.1

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NAME

docker-image-push - Push an image or a repository 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 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:edafc0a0fb057813850d1ba44014914ca02d671ae247107ca70c94db686e7de6 size: 4527

195be5f8be1d: Layer already exists

v1: digest: sha256:edafc0a0fb057813850d1ba44014914ca02d671ae247107ca70c94db686e7de6 size: 4527

195be5f8be1d: Layer already exists

v1.0: digest: sha256:edafc0a0fb057813850d1ba44014914ca02d671ae247107ca70c94db686e7de6 size: 4527

195be5f8be1d: Layer already exists

v1.0.1: digest: sha256:edafc0a0fb057813850d1ba44014914ca02d671ae247107ca70c94db686e7de6 size: 4527

-a, --all-tags[=false] Push all tagged images in the repository

--disable-content-trust[=true] Skip image signing

-h, --help[=false] help for push

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

SEE ALSO

[docker-image\(1\)](#)

Docker Community

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