

OFFICIAL REPOSITORY

traefik (/r/ /traefik/) ☆

Last pushed: 12 days ago

Repo Info (/ /traefik/)

Short Description

Træfik, a modern reverse proxy

Full Description

Supported tags and respective Dockerfile links

- v1.7.4 , 1.7.4 , v1.7 , 1.7 , maroilles , latest (scratch/amd64/Dockerfile) (<https://github.com/containous/traefik-library-image/blob/fcb97d804beffa33d0547ad8c54f1d248ceaba78/scratch/amd64/Dockerfile>)
- v1.7.4-alpine , 1.7.4-alpine , v1.7-alpine , 1.7-alpine , maroilles-alpine , alpine (alpine/Dockerfile) (<https://github.com/containous/traefik-library-image/blob/fcb97d804beffa33d0547ad8c54f1d248ceaba78/alpine/Dockerfile>)
- v1.7.4-nanoserver , 1.7.4-nanoserver , v1.7-nanoserver , 1.7-nanoserver , maroilles-nanoserver , v1.7.4-nanoserver-sac2016 , 1.7.4-nanoserver-sac2016 , v1.7-nanoserver-sac2016 , 1.7-nanoserver-sac2016 , maroilles-nanoserver-sac2016 , nanoserver , nanoserver-sac2016 (windows/Dockerfile) (<https://github.com/containous/traefik-library-image/blob/fcb97d804beffa33d0547ad8c54f1d248ceaba78/windows/Dockerfile>)

Quick reference

- **Where to get help:**
the Docker Community Forums (<https://forums.docker.com/>), the Docker Community Slack (<https://blog.docker.com/2016/11/introducing-docker-community-directory-docker-community-slack/>), or Stack Overflow (<https://stackoverflow.com/search?tab=newest&q=docker>)

- **Where to file issues:**

<https://github.com/containous/traefik-library-image/issues>
(<https://github.com/containous/traefik-library-image/issues>)

- **Maintained by:**

the Traefik Project (<https://github.com/containous/traefik-library-image>)

- **Supported architectures:** (more info (<https://github.com/docker-library/official-images#architectures-other-than-amd64>))

[amd64](https://hub.docker.com/r/amd64/traefik/) (<https://hub.docker.com/r/amd64/traefik/>), [arm32v6](https://hub.docker.com/r/arm32v6/traefik/)
(<https://hub.docker.com/r/arm32v6/traefik/>), [arm64v8](https://hub.docker.com/r/arm64v8/traefik/)
(<https://hub.docker.com/r/arm64v8/traefik/>), [windows-amd64](https://hub.docker.com/r/windows-amd64/traefik/)
(<https://hub.docker.com/r/winamd64/traefik/>)

- **Published image artifact details:**

[repo-info](https://github.com/docker-library/repo-info/blob/master/repos/traefik/) [repo's](https://github.com/docker-library/repo-info/blob/master/repos/traefik/) [repos/traefik/](https://github.com/docker-library/repo-info/blob/master/repos/traefik/) [directory](https://github.com/docker-library/repo-info/blob/master/repos/traefik/) (<https://github.com/docker-library/repo-info/blob/master/repos/traefik/>) ([history](https://github.com/docker-library/repo-info/commits/master/repos/traefik/) (<https://github.com/docker-library/repo-info/commits/master/repos/traefik/>))
(image metadata, transfer size, etc)

- **Image updates:**

[official-images](https://github.com/docker-library/official-images/pulls?q=label%3Alibrary%2Ftraefik) PRs with label [library/traefik](https://github.com/docker-library/official-images/pulls?q=label%3Alibrary%2Ftraefik) (<https://github.com/docker-library/official-images/pulls?q=label%3Alibrary%2Ftraefik>)
[official-images](https://github.com/docker-library/official-images/blob/master/library/traefik) [repo's](https://github.com/docker-library/official-images/blob/master/library/traefik) [library/traefik](https://github.com/docker-library/official-images/blob/master/library/traefik) [file](https://github.com/docker-library/official-images/blob/master/library/traefik) (<https://github.com/docker-library/official-images/blob/master/library/traefik>) ([history](https://github.com/docker-library/official-images/commits/master/library/traefik) (<https://github.com/docker-library/official-images/commits/master/library/traefik>))

- **Source of this description:**

[docs](https://github.com/docker-library/docs/tree/master/traefik) [repo's](https://github.com/docker-library/docs/tree/master/traefik) [traefik/](https://github.com/docker-library/docs/tree/master/traefik) [directory](https://github.com/docker-library/docs/tree/master/traefik) (<https://github.com/docker-library/docs/tree/master/traefik>) ([history](https://github.com/docker-library/docs/commits/master/traefik) (<https://github.com/docker-library/docs/commits/master/traefik>))

- **Supported Docker versions:**

the latest release (<https://github.com/docker/docker-ce/releases/latest>) (down to 1.6 on a best-effort basis)



Traefik (<https://github.com/containous/traefik>) is a modern HTTP reverse proxy and load balancer that makes deploying microservices easy.

Traefik integrates with your existing infrastructure components (Docker (<https://www.docker.com/>), Swarm mode (<https://docs.docker.com/engine/swarm/>), Kubernetes (<https://kubernetes.io>), Marathon (<https://mesosphere.github.io/marathon/>), Consul (<https://www.consul.io/>), Etcd (<https://coreos.com/etcd/>), Rancher (<https://rancher.com>), Amazon ECS (<https://aws.amazon.com/ecs>), ...) and configures itself automatically and dynamically.

Telling Traefik where your orchestrator is could be the *only* configuration step you need to do.

Example usage

Grab a sample configuration file (<https://raw.githubusercontent.com/containous/traefik/master/traefik.sample.toml>) and rename it to `traefik.toml`. Enable `docker` provider and web UI:

```
#####
# API and dashboard configuration
#####
[api]
#####
# Docker configuration backend
#####
[docker]
domain = "docker.local"
watch = true
```

Start Træfik:

```
docker run -d -p 8080:8080 -p 80:80 \
-v $PWD/traefik.toml:/etc/traefik/traefik.toml \
-v /var/run/docker.sock:/var/run/docker.sock \
traefik
```

Start a backend server, named test :

```
docker run -d --name test emilevauge/whoami
```

And finally, you can access to your whoami server through Træfik, on the domain name {containerName}.{configuredDomain} :

```
curl --header 'Host: test.docker.local' 'http://localhost:80/'
Hostname: 117c5530934d
IP: 127.0.0.1
IP: ::1
IP: 172.17.0.3
IP: fe80::42:acff:fe11:3
GET / HTTP/1.1
Host: 172.17.0.3:80
User-Agent: curl/7.35.0
Accept: */*
Accept-Encoding: gzip
X-Forwarded-For: 172.17.0.1
X-Forwarded-Host: 172.17.0.3:80
X-Forwarded-Proto: http
X-Forwarded-Server: f2e05c433120
```

The web UI <http://localhost:8080> (<http://localhost:8080>) will give you an overview of the frontends/backends and also a health dashboard.

docker pull traefik