

OFFICIAL REPOSITORY

eclipse-mosquitto (/r/ /eclipse-mosquitto/) ☆

Last pushed: 17 days ago

[Repo Info \(/r/library/eclipse-mosquitto/\)](#)

Short Description

Eclipse Mosquitto is an open source message broker which implements MQTT version 3.1 and 3.1.1

Full Description

Supported tags and respective Dockerfile links

- [1.5.4](#) , [1.5](#) , [latest](#) ([docker/1.5/Dockerfile](#))
(<https://github.com/eclipse/mosquitto/blob/8960b1fe29a745cd0ed14ab914833f01adaa5c24/docker/1.5/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/eclipse/mosquitto/issues> (<https://github.com/eclipse/mosquitto/issues>)
- **Maintained by:**
[the Eclipse Foundation](#) (<https://github.com/eclipse/mosquitto>)
- **Supported architectures:** (more info (<https://github.com/docker-library/official-images#architectures-other-than-amd64>))
[amd64](#) (<https://hub.docker.com/r/amd64/eclipse-mosquitto/>), [arm32v6](#) (<https://hub.docker.com/r/arm32v6/eclipse-mosquitto/>), [arm64v8](#) (<https://hub.docker.com/r/arm64v8/eclipse-mosquitto/>), [i386](#) (<https://hub.docker.com/r/i386/eclipse-mosquitto/>), [ppc64le](#) (<https://hub.docker.com/r/ppc64le/eclipse-mosquitto/>), [s390x](#) (<https://hub.docker.com/r/s390x/eclipse-mosquitto/>)
- **Published image artifact details:**
[repo-info](#) [repo's](#) [repos/eclipse-mosquitto/](#) [directory](#) (<https://github.com/docker-library/repo-info/blob/master/repos/eclipse-mosquitto>) ([history](#) (<https://github.com/docker-library/repo-info/commits/master/repos/eclipse-mosquitto>))
(image metadata, transfer size, etc)

- **Image updates:**

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

- **Source of this description:**

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

- **Supported Docker versions:**

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

What is Eclipse Mosquitto?

Eclipse Mosquitto is an open source implementation of a server for version 3.1 and 3.1.1 of the MQTT protocol. Main homepage: <http://mosquitto.org/> (<http://mosquitto.org/>)



How to use this image

Directories

Three directories have been created in the image to be used for configuration, persistent storage and logs.

```
/mosquitto/config  
/mosquitto/data  
/mosquitto/log
```

Configuration

When running the image, the default configuration values are used. To use a custom configuration file, mount a **local** configuration file to `/mosquitto/config/mosquitto.conf`

```
$ docker run -it -p 1883:1883 -p 9001:9001 -v mosquitto.conf:/mosquitto/config/
```

Configuration can be changed to:

- persist data to `/mosquitto/data`
- log to `/mosquitto/log/mosquitto.log`

i.e. add the following to `mosquitto.conf` :

```
persistence true  
persistence_location /mosquitto/data/  
log_dest file /mosquitto/log/mosquitto.log
```

Note: If a volume is used, the data will persist between containers.

Run

Run a container using the new image:

```
$ docker run -it -p 1883:1883 -p 9001:9001 -v mosquitto.conf:/mosquitto/config/
```

Note: if the mosquitto configuration (mosquitto.conf) was modified to use non-default ports, the docker run command will need to be updated to expose the ports that have been configured.

License

Eclipse Mosquitto is released under the [EPL \(https://www.eclipse.org/legal/epl-v10.html\)](https://www.eclipse.org/legal/epl-v10.html)/[EDL \(https://eclipse.org/org/documents/edl-v10.php\)](https://eclipse.org/org/documents/edl-v10.php)

As with all Docker images, these likely also contain other software which may be under other licenses (such as Bash, etc from the base distribution, along with any direct or indirect dependencies of the primary software being contained).

Some additional license information which was able to be auto-detected might be found in [the repo-info repository's eclipse-mosquitto/ directory \(https://github.com/docker-library/repo-info/tree/master/repos/eclipse-mosquitto\)](https://github.com/docker-library/repo-info/tree/master/repos/eclipse-mosquitto).

As for any pre-built image usage, it is the image user's responsibility to ensure that any use of this image complies with any relevant licenses for all software contained within.

Docker Pull Command



```
docker pull eclipse-mosquitto
```