**MongoDB Dockerfile**

This repository contains **Dockerfile** of [MongoDB](http://www.mongodb.org/) for [Docker](https://www.docker.com/)'s [automated build](https://registry.hub.docker.com/u/dockerfile/mongodb/) published to the public [Docker Hub Registry](https://registry.hub.docker.com/).

**Base Docker Image**

* [dockerfile/ubuntu](http://dockerfile.github.io/#/ubuntu)

**Installation**

1. Install [Docker](https://www.docker.com/).
2. Download [automated build](https://registry.hub.docker.com/u/dockerfile/mongodb/) from public [Docker Hub Registry](https://registry.hub.docker.com/): docker pull dockerfile/mongodb

(alternatively, you can build an image from Dockerfile: docker build -t="dockerfile/mongodb" github.com/dockerfile/mongodb)

**Usage**

**Run mongod**

docker run -d -p 27017:27017 --name mongodb dockerfile/mongodb

**Run mongod w/ persistent/shared directory**

docker run -d -p 27017:27017 -v <db-dir>:/data/db --name mongodb dockerfile/mongodb

**Run mongod w/ HTTP support**

docker run -d -p 27017:27017 -p 28017:28017 --name mongodb dockerfile/mongodb mongod --rest --httpinterface

**Run mongod w/ Smaller default file size**

docker run -d -p 27017:27017 --name mongodb dockerfile/mongodb mongod --smallfiles

**Run mongo**

docker run -it --rm --link mongodb:mongodb dockerfile/mongodb bash -c 'mongo --host mongodb'

**Usage with VirtualBox (boot2docker-vm)**

*You will need to set up nat port forwarding with:*

VBoxManage modifyvm "boot2docker-vm" --natpf1 "guestmongodb,tcp,127.0.0.1,27017,,27017"

This will allow you to connect to your mongo container with the standard mongo commands.