Docker Engine Installation Instructions for Ubuntu

Installation of Dockerfile and dependencies.

To install Docker Engine on Ubuntu, you can follow the instructions provided in the official documentation:

- https://docs.docker.com/engine/install/ubuntu/.

Uninstall all conflicting packages

```
for pkg in docker.io docker-doc docker-compose docker-compose-v2 podman-docker
containerd runc; do sudo apt-get remove $pkg; done
```

1. Set up Docker's `apt` repository.

```
# Add Docker's official GPG key:
sudo apt-get update
sudo apt-get install ca-certificates curl
sudo install -m 0755 -d /etc/apt/keyrings
sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o
/etc/apt/keyrings/docker.asc
sudo chmod a+r /etc/apt/keyrings/docker.asc

# Add the repository to Apt sources:
echo \
  "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc]
https://download.docker.com/linux/ubuntu \
  $(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \
  sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
sudo apt-get update
```

2.Install the Docker packages.

```
sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin
docker-compose-plugin
```

3.Verify that the Docker Engine installation is successful by running the `hello-world` image.

```
sudo docker run hello-world
```

Quick set up

Using Git Hub repository

Clone the Repository

```
git clone https://github.com/VissarionM/docker-wordpress.git
```

or download and extract the .zip file.

Using Dockerfile Installation

Run the following command to download dockerfile and various files for Wordpress, MariaDB and Nginx:

```
./dockerfile-install.sh
```

Build Images

Run the following command to build Docker images :

```
./build.sh
```

Running Containers

To run containers, execute the following Docker Compose command:

```
docker-compose up -d
```

Installing CLI Tools

Install `lynx` or `links` for the command-line interface (CLI) to run Wordpress:

```
sudo apt-get install lynx  // For Lynx
// OR
sudo apt-get install links  // For Links
```

Installing GUI for Browser

Install a GUI to run Wordpress. For example, to install Firefox, run:

```
sudo apt-get install firefox
```