

Set Up

The **installation, configuration** and some **tips** about Docker.

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Docker Installation on Raspberry Pi 4 / RaspberryPi OS

The Docker installation is pretty straightforward, just follow the official tutorial on [docker.com](https://docs.docker.com/engine/install/debian/).

Adding the repository

Firstly, you need to add the repository of the Docker Engine:

```
# 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/debian/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/debian \
  $(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \
  sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

sudo apt-get update
```

Installing the packages

Then, you can finally install the packages themselves with:

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

Testing your installation

And lastely, to make sure your installation is flawless, run the hello-world test container using the following command:

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