

Обновляю пакеты

```
sudo apt update
```

```
sudo apt install -y ca-certificates curl gnupg
```

```
root@superful:~# sudo apt install -y ca-certificates curl gnupg
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20210119).
gnupg is already the newest version (2.2.27-2+deb11u2).
curl is already the newest version (7.74.0-1.3+deb11u15).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
```

добавляю репозиторий Docker

```
sudo install -m 0755 -d /etc/apt/keyrings
```

```
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o
/etc/apt/keyrings/docker.gpg
```

```
echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg]
https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" | sudo tee
/etc/apt/sources.list.d/docker.list > /dev/null
```

Устанавливаю docker

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

```
root@superful:~# sudo apt install -y docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-com
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
containerd.io is already the newest version (1.7.27-1).
docker-buildx-plugin is already the newest version (0.25.0-1~debian.11~bullseye).
docker-ce is already the newest version (5:28.3.0-1~debian.11~bullseye).
docker-ce-cli is already the newest version (5:28.3.0-1~debian.11~bullseye).
docker-compose-plugin is already the newest version (2.37.3-1~debian.11~bullseye).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
```

Проверяю работу docker

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

```
root@superful:~# sudo docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
 $ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
 https://hub.docker.com/

For more examples and ideas, visit:
 https://docs.docker.com/get-started/
```

созданию папку и html файл

```
mkdir ~/my-docker-site
```

```
echo '<h1>Мой сайт в Docker!</h1>' > ~/my-docker-site/index.html
```

```
root@superful:~# mkdir ~/my-docker-site
mkdir: cannot create directory '/root/my-docker-site': File exists
root@superful:~# echo '<h1>Мой сайт в Docker!</h1>' > ~/my-docker-site/index.html
root@superful:~#
```

(я ввожу эти команды 2 раз для демонстрации, закрыл консоль и не заскринил первый результат выполнения команд)

Проверяю запущенные контейнеры

```
Docker ps
```

```
root@superful:~# docker ps
CONTAINER ID   IMAGE      COMMAND           CREATED          STATUS          PORTS
 NAMES
6901d140caa0   nginx     "/docker-entrypoint..."   24 minutes ago   Up 24 minutes   0.0.0.0:80->80/tcp, [::]:80->80/tcp
my-site
```

тест доступности

```
curl http://localhost
```

```
my-site
root@superful:~# curl http://localhost
<h1>Мой сайт в Docker!</h1>
```