

a3-402-10@a3-402-10: ~

```
Fetched 108 MB in 37s (2,930 kB/s)
(Reading database ... 242288 files and directories currently installed.)
Preparing to unpack .../containerd.io_1.6.28-1_amd64.deb ...
Unpacking containerd.io (1.6.28-1) over (1.6.27-1) ...
Preparing to unpack .../docker-buildx-plugin_0.12.1-1-ubuntu.20.04-focal_amd64.deb ...
Unpacking docker-buildx-plugin (0.12.1-1-ubuntu.20.04-focal) over (0.12.1-1-debian.10-buster) ...
Preparing to unpack .../docker-ce-cli_5%3a25.0.2-1-ubuntu.20.04-focal_amd64.deb ...
Unpacking docker-ce-cli (5:25.0.2-1-ubuntu.20.04-focal) over (5:25.0.0-1-debian.10-buster) ...
Preparing to unpack .../docker-ce_5%3a25.0.2-1-ubuntu.20.04-focal_amd64.deb ...
Unpacking docker-ce (5:25.0.2-1-ubuntu.20.04-focal) over (5:25.0.0-1-debian.10-buster) ...
Preparing to unpack .../docker-compose-plugin_2.24.5-1-ubuntu.20.04-focal_amd64.deb ...
Unpacking docker-compose-plugin (2.24.5-1-ubuntu.20.04-focal) over (2.24.1-1-debian.10-buster) ...
Setting up docker-buildx-plugin (0.12.1-1-ubuntu.20.04-focal) ...
Setting up containerd.io (1.6.28-1) ...
Setting up docker-compose-plugin (2.24.5-1-ubuntu.20.04-focal) ...
Setting up docker-ce-cli (5:25.0.2-1-ubuntu.20.04-focal) ...
Setting up docker-ce (5:25.0.2-1-ubuntu.20.04-focal) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for systemd (245.4-4ubuntu3.22) ...
a3-402-10@a3-402-10:~$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
c1ec31eb5944: Pull complete
Digest: sha256:4bd78111b6914a99dbc560e6a20eab57ff6655aea4a80c50b0c5491968cbc2e6
Status: Downloaded newer image for hello-world:latest

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/
```

a3-402-10@a3-402-10: ~/getting-started-app

```
a3-402-10@a3-402-10:~/getting-started-app$ docker build -t getting-started .
ERROR: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/_ping": dial unix /var/run/docker.sock: connect: permission denied
a3-402-10@a3-402-10:~/getting-started-app$ sudo chmod 666 /var/run/docker.sock
[sudo] password for a3-402-10:
a3-402-10@a3-402-10:~/getting-started-app$ docker build -t getting-started .
[+] Building 60.5s (11/11) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 182B
=> resolve image config for docker.io/docker/dockerfile:1
=> docker-image://docker.io/docker/dockerfile:1@sha256:ac85f380a63b13dfcefa89046420e1781752bab202122f8f50032edf31be9021
=> => resolve docker.io/docker/dockerfile:1@sha256:ac85f380a63b13dfcefa89046420e1781752bab202122f8f50032edf31be9021
=> => sha256:657fcc512c7369f4cb3d94ea329150f8daf626bc838b1a1e81f1834c73ecc77e 482B / 482B
=> => sha256:a17ee7ffff8f5e97b974f5b48f51647d2cf28d543f2a06c11aaa0ea431b44bb89 1.27kB / 1.27kB
=> => sha256:ac85f380a63b13dfcefa89046420e1781752bab202122f8f50032edf31be9021 8.40kB / 8.40kB
=> => sha256:9d9c93f4b00be908ab694a4df732570bcd3b8a96b7515d70ff93402179ad232 11.80MB / 11.80MB
=> => extracting sha256:9d9c93f4b00be908ab694a4df732570bcd3b8a96b7515d70ff93402179ad232
=> [internal] load metadata for docker.io/library/node:18-alpine
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [1/4] FROM docker.io/library/node:18-alpine@sha256:0085670310d2879621f96a4216c893f92e2ded827e9e6ef8437672e1bd72f437
=> => resolve docker.io/library/node:18-alpine@sha256:0085670310d2879621f96a4216c893f92e2ded827e9e6ef8437672e1bd72f437
=> => sha256:0085670310d2879621f96a4216c893f92e2ded827e9e6ef8437672e1bd72f437 1.43kB / 1.43kB
=> => sha256:aacbc0c05180c1dd8c33dba8a9c42b75dbfdd659aa57017497f1ce2c5d83d889 1.16kB / 1.16kB
=> => sha256:c8eb770fbfacf54104162cc9035c478ddb7d8dc15dca5298af028257f1dbdb3f 7.14kB / 7.14kB
=> => sha256:eb6c7c29ba4d368f2428cacd291f7821b750fac3b1fb65b937ef855c573cdf97 40.24MB / 40.24MB
=> => sha256:4abcf20661432fb2d719aaf90656f55c287f8ca915dc1c92ec14ff61e67fbaf8 3.41MB / 3.41MB
=> => sha256:3d4a65156edf0208c8421995310d9e662e7ee63e2bcae660efb02f6c4ddef6a9 2.34MB / 2.34MB
=> => sha256:5bdb6c27eb32087b71a9dde411c1f1eeb87563c0445f89db4eb7639d2cf50f45 450B / 450B
=> => extracting sha256:4abcf20661432fb2d719aaf90656f55c287f8ca915dc1c92ec14ff61e67fbaf8
=> => extracting sha256:eb6c7c29ba4d368f2428cacd291f7821b750fac3b1fb65b937ef855c573cdf97
=> => extracting sha256:3d4a65156edf0208c8421995310d9e662e7ee63e2bcae660efb02f6c4ddef6a9
=> => extracting sha256:5bdb6c27eb32087b71a9dde411c1f1eeb87563c0445f89db4eb7639d2cf50f45
=> [internal] load build context
=> => transferring context: 0.87MB
=> [2/4] WORKDIR /app
=> [3/4] COPY ...
=> [4/4] RUN yarn install --production
=> exporting to image
=> => exporting layers
=> => writing image sha256:6a75c3638f17dad7b447680e4a319bfe2637eb351721bc5abc2b9d2866e14e58
=> => naming to docker.io/library/getting-started
a3-402-10@a3-402-10:~/getting-started-app$ docker run -dp 127.0.0.1:3000:3000 getting-started
900b08ece846a3874b94b12a6b24162d7c31c0aac2fbd7a972bb0e21cf56a46b
a3-402-10@a3-402-10:~/getting-started-app$
```

docker:default

0.7s

0.0s

3.4s

5.8s

0.3s

0.0s

0.0s

0.0s

4.4s

0.2s

3.6s

0.5s

0.0s

21.1s

0.3s

0.0s

0.0s

0.0s

16.8s

4.0s

3.5s

4.1s

0.2s

0.8s

0.2s

0.0s

1.0s

0.0s

2.0s

1.4s

16.0s

3.5s

3.4s

0.0s

0.1s



