

```
Activities Tilix maj 20 13:15
Tilix: root@ubuntu:/home/kacper/zad1

t:root@ubuntu:/home/kacper/zad1
=> [build 5/5] COPY server.js ./ 0.1s
=> [stage-1 2/2] COPY --from=build /app ./ 0.3s
=> exporting layers 0.3s
=> exporting layers 0.3s
=> writing image sha256:dc6ab06418810a4ddfa5c6f8c6182cee36a4b8d83e553 0.0s
=> naming to docker.io/library/zadiobraz 0.0s
root@ubuntu:/home/kacper/zad1# docker run -d --name zadiobraz
'docker run' requires at least 1 argument.
See 'docker run --help'.

Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

Create and run a new container from an image
root@ubuntu:/home/kacper/zad1# docker run -d --name zadi -p 3000:3000 zadiobraz
3d21a6bc63ef0ffdf39cae7f6880071418bf6710d0d856c4130f8fe23be4d987e
docker: Error response from daemon: failed to create shim task: OCI runtime create failed: runc create failed: unable to start container process: exec: "node": executable file not found in $PATH: unknown.
root@ubuntu:/home/kacper/zad1# docker build -f Dockerfile -t zadiobraz .
[*] Building 11.5s (14/14) FINISHED
=> [internal] load build definition from Dockerfile 0.1s
=> transferring dockerfile: 757B 0.0s
=> [internal] load .dockerignore 0.0s
=> transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/node:18-alpine 1.4s
=> [internal] load build context 0.1s
=> transferring context: 101B 0.0s
=> CACHED [stage-1 1/5] FROM docker.io/library/node:18-alpine@sha256:1ccc 0.0s
=> [stage-1 2/5] RUN addgroup -S app && adduser -S app -G app 0.5s
=> CACHED [build 2/5] WORKDIR /app 0.0s
=> CACHED [build 3/5] COPY package*.json ./ 0.0s
=> CACHED [build 4/5] RUN npm ci --production 0.0s
=> CACHED [build 5/5] COPY server.js ./ 0.0s
=> [stage-1 3/5] WORKDIR /app 0.1s
=> [stage-1 4/5] COPY --from=build /app ./ 0.4s
=> [stage-1 5/5] RUN chown -R app:app /app 8.4s
=> exporting to image 0.6s
=> exporting layers 0.6s
=> writing image sha256:f165254497eb3c6e3c282b6467f30619c60d268399d44 0.0s
=> naming to docker.io/library/zadiobraz 0.0s
root@ubuntu:/home/kacper/zad1# docker run -d --name zadi -p 3000:3000 zadiobraz
docker: Error response from daemon: Conflict. The container name "/zadi" is already in use by container "3d21a6bc63ef0ffdf39cae7f6880071418bf6710d0d856c4130f8fe23be4d987e". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
root@ubuntu:/home/kacper/zad1# docker rm zadi
zadi
root@ubuntu:/home/kacper/zad1# docker run -d --name zadi -p 3000:3000 zadiobraz
a679d63ca3801a3796dbfde492756eb9b2c5bb6f86c1851589ebb1cd6fb17f9
root@ubuntu:/home/kacper/zad1# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED      STATUS      PORTS                               NAMES
a679d63ca380   zadiobraz "docker-entrypoint.s..." 16 seconds ago Up 15 seconds 0.0.0.0:3000->3000/tcp, :::3000->3000/tcp   zadi1
root@ubuntu:/home/kacper/zad1# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED      STATUS      PORTS                               NAMES
a679d63ca380   zadiobraz "docker-entrypoint.s..." 32 seconds ago Up 31 seconds 0.0.0.0:3000->3000/tcp, :::3000->3000/tcp   zadi1
root@ubuntu:/home/kacper/zad1#
```

```
Activities Tilix maj 20 13:16
Tilix: root@ubuntu:/home/kacper/zad1

t:root@ubuntu:/home/kacper/zad1
root@ubuntu:/home/kacper/zad1# docker run -d --name zadiobraz
'docker run' requires at least 1 argument.
See 'docker run --help'.

Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

Create and run a new container from an image
root@ubuntu:/home/kacper/zad1# docker run -d --name zadi -p 3000:3000 zadiobraz
3d21a6bc63ef0ffdf39cae7f6880071418bf6710d0d856c4130f8fe23be4d987e
docker: Error response from daemon: failed to create shim task: OCI runtime create failed: runc create failed: unable to start container process: exec: "node": executable file not found in $PATH: unknown.
root@ubuntu:/home/kacper/zad1# docker build -f Dockerfile -t zadiobraz .
[*] Building 11.5s (14/14) FINISHED
=> [internal] load build definition from Dockerfile 0.1s
=> transferring dockerfile: 757B 0.0s
=> [internal] load .dockerignore 0.0s
=> transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/node:18-alpine 1.4s
=> [internal] load build context 0.1s
=> transferring context: 101B 0.0s
=> CACHED [stage-1 1/5] FROM docker.io/library/node:18-alpine@sha256:1ccc 0.0s
=> [stage-1 2/5] RUN addgroup -S app && adduser -S app -G app 0.5s
=> CACHED [build 2/5] WORKDIR /app 0.0s
=> CACHED [build 3/5] COPY package*.json ./ 0.0s
=> CACHED [build 4/5] RUN npm ci --production 0.0s
=> CACHED [build 5/5] COPY server.js ./ 0.0s
=> [stage-1 3/5] WORKDIR /app 0.1s
=> [stage-1 4/5] COPY --from=build /app ./ 0.4s
=> [stage-1 5/5] RUN chown -R app:app /app 8.4s
=> exporting to image 0.6s
=> exporting layers 0.6s
=> writing image sha256:f165254497eb3c6e3c282b6467f30619c60d268399d44 0.0s
=> naming to docker.io/library/zadiobraz 0.0s
root@ubuntu:/home/kacper/zad1# docker run -d --name zadi -p 3000:3000 zadiobraz
docker: Error response from daemon: Conflict. The container name "/zadi" is already in use by container "3d21a6bc63ef0ffdf39cae7f6880071418bf6710d0d856c4130f8fe23be4d987e". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
root@ubuntu:/home/kacper/zad1# docker rm zadi
zadi
root@ubuntu:/home/kacper/zad1# docker run -d --name zadi -p 3000:3000 zadiobraz
a679d63ca3801a3796dbfde492756eb9b2c5bb6f86c1851589ebb1cd6fb17f9
root@ubuntu:/home/kacper/zad1# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED      STATUS      PORTS                               NAMES
a679d63ca380   zadiobraz "docker-entrypoint.s..." 16 seconds ago Up 15 seconds 0.0.0.0:3000->3000/tcp, :::3000->3000/tcp   zadi1
root@ubuntu:/home/kacper/zad1# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED      STATUS      PORTS                               NAMES
a679d63ca380   zadiobraz "docker-entrypoint.s..." 32 seconds ago Up 31 seconds 0.0.0.0:3000->3000/tcp, :::3000->3000/tcp   zadi1
root@ubuntu:/home/kacper/zad1# docker logs -f zadi
Server started: Sat May 20 2023 11:15:14 GMT+0000 (Coordinated Universal Time)
Created by: Kacper Burda
Server is listening on the port: 3000
```

```
Activities Tilix maj 20 13:19
Tilix: root@ubuntu: /home/kacper

t:root@ubuntu: /home/kacper/zad1
Create and run a new container from an image
root@ubuntu: /home/kacper/zad1# docker run -d --name zad1 -p 3000:3000 radiobraz
3d21a0bc3e0f7d39cae7f68007141bf671dd0d856c4130f8f23be4d987e
docker: Error response from daemon: failed to create shim task: OCI runtime create failed: runc create failed: unable to start container process: exec: "node": executable file not found in $PATH: unknown.
root@ubuntu: /home/kacper/zad1# docker build -f Dockerfile -t radiobraz .
[+] Building 11.5s (14/14) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 757B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/node:18-alpine
=> [internal] load build context
=> => transferring context: 101B
=> CACHED [stage-1 1/5] FROM docker.io/library/node:18-alpine@sha256:1ccc
=> [stage-1 2/5] RUN addgroup -S app && adduser -S app -G app
=> CACHED [build 2/5] WORKDIR /app
=> CACHED [build 3/5] COPY package*.json ./
=> CACHED [build 4/5] RUN npm ci --production
=> CACHED [build 5/5] COPY server.js ./
=> [stage-1 3/5] WORKDIR /app
=> [stage-1 4/5] COPY --from=build /app ./
=> [stage-1 5/5] RUN chown -R app:app /app
=> exporting to image
=> => exporting layers
=> => writing image sha256:f165254497eb3c6e3282b6467f30619c6d268399d44
=> => naming to docker.io/library/radiobraz
root@ubuntu: /home/kacper/zad1# docker run -d --name zad1 -p 3000:3000 radiobraz
a679d63ca3801a3796dbf492756eb92c5bb6f6c1851509bb1cdfb17f9
root@ubuntu: /home/kacper/zad1# docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED      STATUS      PORTS
a679d63ca380   radiobraz     "docker-entrypoint.s..." 16 seconds ago Up 15 seconds 0.0.0.0:3000->3000
0/tcp, :::3000->3000/tcp
root@ubuntu: /home/kacper/zad1# docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED      STATUS      PORTS
a679d63ca380   radiobraz     "docker-entrypoint.s..." 32 seconds ago Up 31 seconds 0.0.0.0:3000->3000
0/tcp, :::3000->3000/tcp
root@ubuntu: /home/kacper/zad1# docker logs -f radiobraz
Error response from daemon: No such container: radiobraz
root@ubuntu: /home/kacper/zad1# docker logs -f zad1
Server started: Sat May 20 2023 11:15:14 GMT+0000 (Coordinated Universal Time)
Created by: Kacper Burda
Server is listening on the port: 3000

The following NEW packages will be installed:
jq libjq1 libonig5
0 upgraded, 3 newly installed, 0 to remove and 104 not upgraded.
Need to get 357 kB of archives.
After this operation, 1 087 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://pl.archive.ubuntu.com/ubuntu jammy/main amd64 libonig5 amd64 6.9.7.1-2build1 [172 kB]
Get:2 http://pl.archive.ubuntu.com/ubuntu jammy/main amd64 libjq1 amd64 1.6-2.1ubuntu3 [133 kB]
Get:3 http://pl.archive.ubuntu.com/ubuntu jammy/main amd64 jq amd64 1.6-2.1ubuntu3 [52.5 kB]
Fetched 357 kB in 1s (298 kB/s)
Selecting previously unselected package libonig5:amd64.
Unpacking libonig5:amd64 (6.9.7.1-2build1) ...
Selecting previously unselected package libjq1:amd64.
Unpacking libjq1:amd64 (1.6-2.1ubuntu3) ...
Preparing to unpack .../libjq1.1.6-2.1ubuntu3_amd64.deb ...
Unpacking libjq1:amd64 (1.6-2.1ubuntu3) ...
Selecting previously unselected package jq.
Preparing to unpack .../jq.1.6-2.1ubuntu3_amd64.deb ...
Unpacking jq (1.6-2.1ubuntu3) ...
Setting up libonig5:amd64 (6.9.7.1-2build1) ...
Setting up libjq1:amd64 (1.6-2.1ubuntu3) ...
Setting up jq (1.6-2.1ubuntu3) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
root@ubuntu: /home/kacper# docker inspect radiobraz | jq '.[].RootFs'
{
  "Type": "layers",
  "Layers": [
    "sha256:f14177f83b319fbdae6d9cd6d8c9c88002dc75ecf6ec201c8c6894681cf2b5",
    "sha256:b0e46d71a47bd31287863344141dbbea1478dbabb59248192c086d7f0b0d08e",
    "sha256:1b0c3782871e07ced65e1280db980518d34343000950a97f837a6183ef3ae",
    "sha256:885a5d40fc114a8eddf6f7eadb8f268885460276152eb9b812d83156d9f7b0e",
    "sha256:be583e897fcd6c89d99751f69a1c2cd749c8b6cc2802c1796acf80b99a0727",
    "sha256:1e03dbefbba149d9c9d95bde8b674c8b65dfe751a72fc47d00c352a158ccbb",
    "sha256:5e678244ee08af49607c03f9a73140166507e8a1b03e898dddfdfc44f88ef8b",
    "sha256:807344843ee2f23002bb580a1d7823448bedc1b4d0d56ca071c7426c61092d9f"
  ]
}
root@ubuntu: /home/kacper#
```

```
Activities Tilix maj 20 13:19
Tilix: root@ubuntu: /home/kacper

t:root@ubuntu: /home/kacper/zad1
Create and run a new container from an image
root@ubuntu: /home/kacper/zad1# docker run -d --name zad1 -p 3000:3000 radiobraz
3d21a0bc3e0f7d39cae7f68007141bf671dd0d856c4130f8f23be4d987e
docker: Error response from daemon: failed to create shim task: OCI runtime create failed: runc create failed: unable to start container process: exec: "node": executable file not found in $PATH: unknown.
root@ubuntu: /home/kacper/zad1# docker build -f Dockerfile -t radiobraz .
[+] Building 11.5s (14/14) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 757B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/node:18-alpine
=> [internal] load build context
=> => transferring context: 101B
=> CACHED [stage-1 1/5] FROM docker.io/library/node:18-alpine@sha256:1ccc
=> [stage-1 2/5] RUN addgroup -S app && adduser -S app -G app
=> CACHED [build 2/5] WORKDIR /app
=> CACHED [build 3/5] COPY package*.json ./
=> CACHED [build 4/5] RUN npm ci --production
=> CACHED [build 5/5] COPY server.js ./
=> [stage-1 3/5] WORKDIR /app
=> [stage-1 4/5] COPY --from=build /app ./
=> [stage-1 5/5] RUN chown -R app:app /app
=> exporting to image
=> => exporting layers
=> => writing image sha256:f165254497eb3c6e3282b6467f30619c6d268399d44
=> => naming to docker.io/library/radiobraz
root@ubuntu: /home/kacper/zad1# docker run -d --name zad1 -p 3000:3000 radiobraz
a679d63ca3801a3796dbf492756eb92c5bb6f6c1851509bb1cdfb17f9
root@ubuntu: /home/kacper/zad1# docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED      STATUS      PORTS
a679d63ca380   radiobraz     "docker-entrypoint.s..." 16 seconds ago Up 15 seconds 0.0.0.0:3000->3000
0/tcp, :::3000->3000/tcp
root@ubuntu: /home/kacper/zad1# docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED      STATUS      PORTS
a679d63ca380   radiobraz     "docker-entrypoint.s..." 32 seconds ago Up 31 seconds 0.0.0.0:3000->3000
0/tcp, :::3000->3000/tcp
root@ubuntu: /home/kacper/zad1# docker logs -f radiobraz
Error response from daemon: No such container: radiobraz
root@ubuntu: /home/kacper/zad1# docker logs -f zad1
Server started: Sat May 20 2023 11:15:14 GMT+0000 (Coordinated Universal Time)
Created by: Kacper Burda
Server is listening on the port: 3000

The following NEW packages will be installed:
jq libjq1 libonig5
0 upgraded, 3 newly installed, 0 to remove and 104 not upgraded.
Need to get 357 kB of archives.
After this operation, 1 087 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://pl.archive.ubuntu.com/ubuntu jammy/main amd64 libonig5 amd64 6.9.7.1-2build1 [172 kB]
Get:2 http://pl.archive.ubuntu.com/ubuntu jammy/main amd64 libjq1 amd64 1.6-2.1ubuntu3 [133 kB]
Get:3 http://pl.archive.ubuntu.com/ubuntu jammy/main amd64 jq amd64 1.6-2.1ubuntu3 [52.5 kB]
Fetched 357 kB in 1s (298 kB/s)
Selecting previously unselected package libonig5:amd64.
Unpacking libonig5:amd64 (6.9.7.1-2build1) ...
Selecting previously unselected package libjq1:amd64.
Unpacking libjq1:amd64 (1.6-2.1ubuntu3) ...
Preparing to unpack .../libjq1.1.6-2.1ubuntu3_amd64.deb ...
Unpacking libjq1:amd64 (1.6-2.1ubuntu3) ...
Selecting previously unselected package jq.
Preparing to unpack .../jq.1.6-2.1ubuntu3_amd64.deb ...
Unpacking jq (1.6-2.1ubuntu3) ...
Setting up libonig5:amd64 (6.9.7.1-2build1) ...
Setting up libjq1:amd64 (1.6-2.1ubuntu3) ...
Setting up jq (1.6-2.1ubuntu3) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
root@ubuntu: /home/kacper# docker inspect radiobraz | jq '.[].RootFs'
{
  "Type": "layers",
  "Layers": [
    "sha256:f14177f83b319fbdae6d9cd6d8c9c88002dc75ecf6ec201c8c6894681cf2b5",
    "sha256:b0e46d71a47bd31287863344141dbbea1478dbabb59248192c086d7f0b0d08e",
    "sha256:1b0c3782871e07ced65e1280db980518d34343000950a97f837a6183ef3ae",
    "sha256:885a5d40fc114a8eddf6f7eadb8f268885460276152eb9b812d83156d9f7b0e",
    "sha256:be583e897fcd6c89d99751f69a1c2cd749c8b6cc2802c1796acf80b99a0727",
    "sha256:1e03dbefbba149d9c9d95bde8b674c8b65dfe751a72fc47d00c352a158ccbb",
    "sha256:5e678244ee08af49607c03f9a73140166507e8a1b03e898dddfdfc44f88ef8b",
    "sha256:807344843ee2f23002bb580a1d7823448bedc1b4d0d56ca071c7426c61092d9f"
  ]
}
root@ubuntu: /home/kacper# docker images | grep radiobraz
radiobraz      latest      f165254497eb  5 minutes ago  212MB
root@ubuntu: /home/kacper#
```

```
Activities Tilix maj 20 13:22
Tilix: root@ubuntu: /home/kacper

Create and run a new container from an image
root@ubuntu: /home/kacper/zad1# docker run -d --name zad1 -p 3000:3000 radiobraz
3d21a0bc3e7f0fd39cae7f68007141bbf710dd856c4130f8fe23be4d987e
docker: Error response from daemon: failed to create shim task: OCI runtime create failed: runc create failed: unable to start container process: exec: "node": executable file not found in $PATH: unknown.
root@ubuntu: /home/kacper/zad1# docker build -f Dockerfile -t radiobraz .
[+] Building 11.5s (14/14) FINISHED
=> [internal] load build definition from Dockerfile 0.1s
=> => transferring context: 20 0.0s
=> [internal] load .dockerignore 0.0s
=> [internal] load metadata for docker.io/library/node:18-alpine 1.4s
=> => transferring context: 1018 0.1s
=> CACHED [stage-1 1/5] FROM docker.io/library/node:18-alpine@sha256:1cc 0.0s
=> [stage-1 2/5] RUN addgroup -S app && adduser -S app -G app 0.5s
=> CACHED [build 2/5] WORKDIR /app 0.0s
=> CACHED [build 3/5] COPY package*.json ./ 0.0s
=> CACHED [build 4/5] RUN npm ci --production 0.0s
=> CACHED [build 5/5] COPY server.js ./ 0.0s
=> [stage-1 3/5] WORKDIR /app 0.1s
=> [stage-1 4/5] COPY --from=build /app ./ 0.4s
=> [stage-1 5/5] RUN chown -R app:app /app 8.4s
=> => exporting layers 0.6s
=> => writing image sha256:f165254497eb3c6e3c282b6467f30619c60d268399d44 0.0s
=> => naming to docker.io/library/radiobraz 0.0s
root@ubuntu: /home/kacper/zad1# docker run -d --name zad1 -p 3000:3000 radiobraz
a079d63ca3801379d0bf4e92756eb92c3bb0f6c1851509bb1cd8fbb17f9
root@ubuntu: /home/kacper/zad1# docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS
a079d63ca380   radiobraz "docker-entrypoint.s..." 16 seconds ago Up 15 seconds 0.0.0.0:3000->3000
root@ubuntu: /home/kacper/zad1# docker logs -f radiobraz
Error response from daemon: No such container: radiobraz
root@ubuntu: /home/kacper/zad1# docker logs -f zad1
Server started: Sat May 20 2023 11:15:14 GMT+0800 (Coordinated Universal Time)
Created by: Kacper Burda
Server is listening on the port: 3000

root@ubuntu: /home/kacper# docker images | grep radiobraz
radiobraz      latest      f165254497eb  5 minutes ago  212MB
root@ubuntu: /home/kacper# docker scout cves radiobraz
ERROR Status: please login using Docker Desktop or 'docker login' command: no credential found for "index.docker.io", Code: 1
root@ubuntu: /home/kacper# docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: kacperfix
Password:
Error response from daemon: Get "https://registry-1.docker.io/v2/": unauthorized: incorrect username or password
root@ubuntu: /home/kacper# docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: kacperfix
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/
root@ubuntu: /home/kacper# docker scout cves radiobraz
Image stored for indexing
Indexed 325 packages
Detected 1 vulnerable package with 1 vulnerability

OC BH SH SL openssl 3.0.8-r3
pkg:apk/alpine/openssl@3.0.8-r3?os_name=alpine&os_version=3.17
X MEDIUM CVE-2023-1255 [Out-of-bounds Read]
https://dso.docker.com/cve/CVE-2023-1255
Affected range : <3.0.8-r4
Fixed version : 3.0.8-r4
CVSS Score : 5.9
CVSS Vector : CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H

1 vulnerability found in 1 package
LOW 0
MEDIUM 1
HIGH 0
CRITICAL 0

root@ubuntu: /home/kacper#
```

```
Activities Opera maj 20 13:18
Zadanie 1 x +
Zadanie 1 00
localhost:3000 feature usage information
Adres IP: ::ffff:172.17.0.1
Data i godzina: 20 May 2023 11:17:52 +00:00
```

