

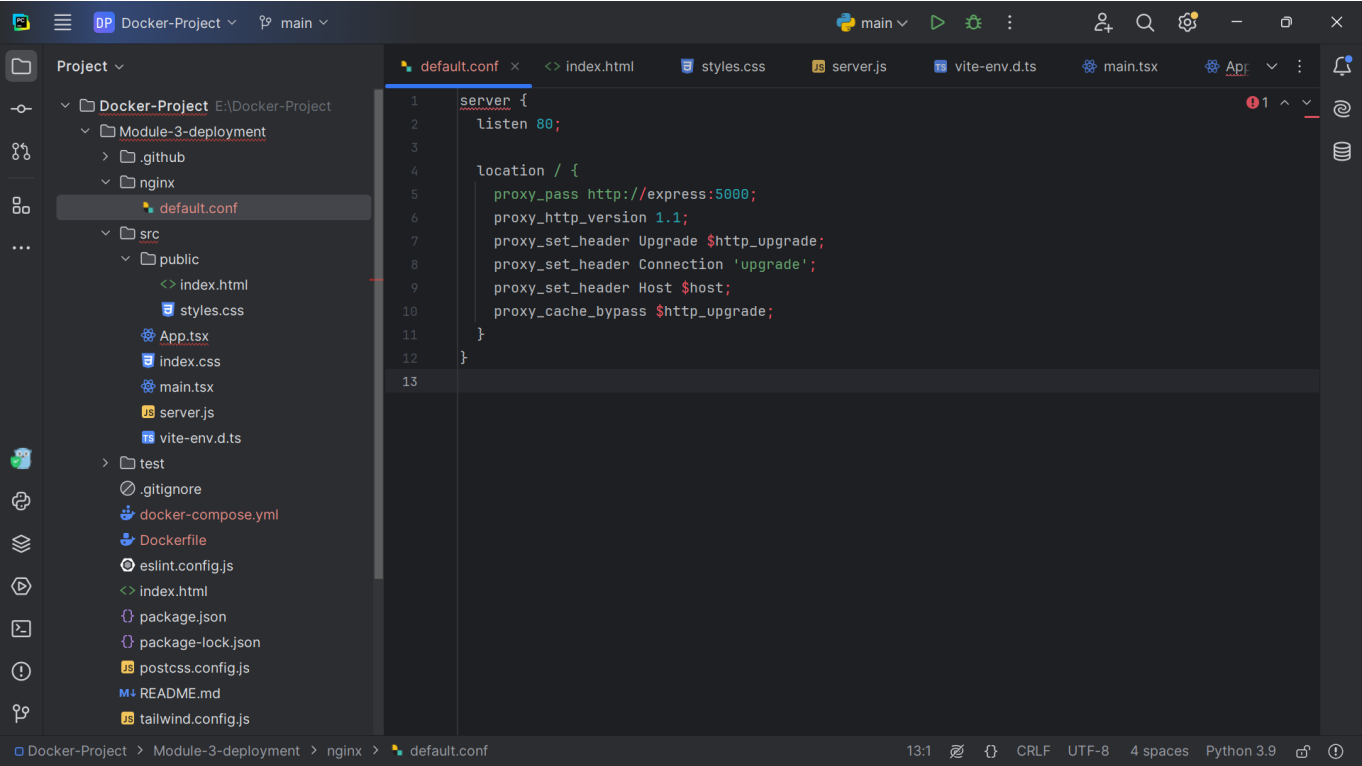
Cloned GitHub Repository

```
C:\Windows\System32\cmd.e  X  +  v
Microsoft Windows [Version 10.0.26100.3915]
(c) Microsoft Corporation. All rights reserved.

E:\Docker-Project>git clone https://github.com/roy35-909/Module-3-deployment.git
Cloning into 'Module-3-deployment'...
remote: Enumerating objects: 87, done.
remote: Counting objects: 100% (87/87), done.
remote: Compressing objects: 100% (54/54), done.
remote: Total 87 (delta 28), reused 73 (delta 14), pack-reused 0 (from 0)
Receiving objects: 100% (87/87), 30.03 KiB | 379.00 KiB/s, done.
Resolving deltas: 100% (28/28), done.

E:\Docker-Project>
```

NGINX Configuration (default.conf)



Docker Compose Configuration (docker-compose.yml)

Project

Docker-Project

Module-3-deployment

nginx

src

test

default.conf

index.html

styles.css

App.tsx

index.css

main.tsx

server.js

vite-env.d.ts

docker-compose.yml

Dockerfile

eslint.config.js

index.html

package.json

package-lock.json

postcss.config.js

README.md

tailwind.config.js

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version: '3'

services:

express:

build: .

container_name: express-app

restart: always

expose:

- 3000

nginx:

image: nginx:latest

container_name: nginx-proxy

ports:

- "8080:80"

volumes:

- ./nginx/default.conf:/etc/nginx/conf.d/default.conf

depends_on:

- express

Docker-Project

Module-3-deployment

docker-compose.yml

20:1

CRLF

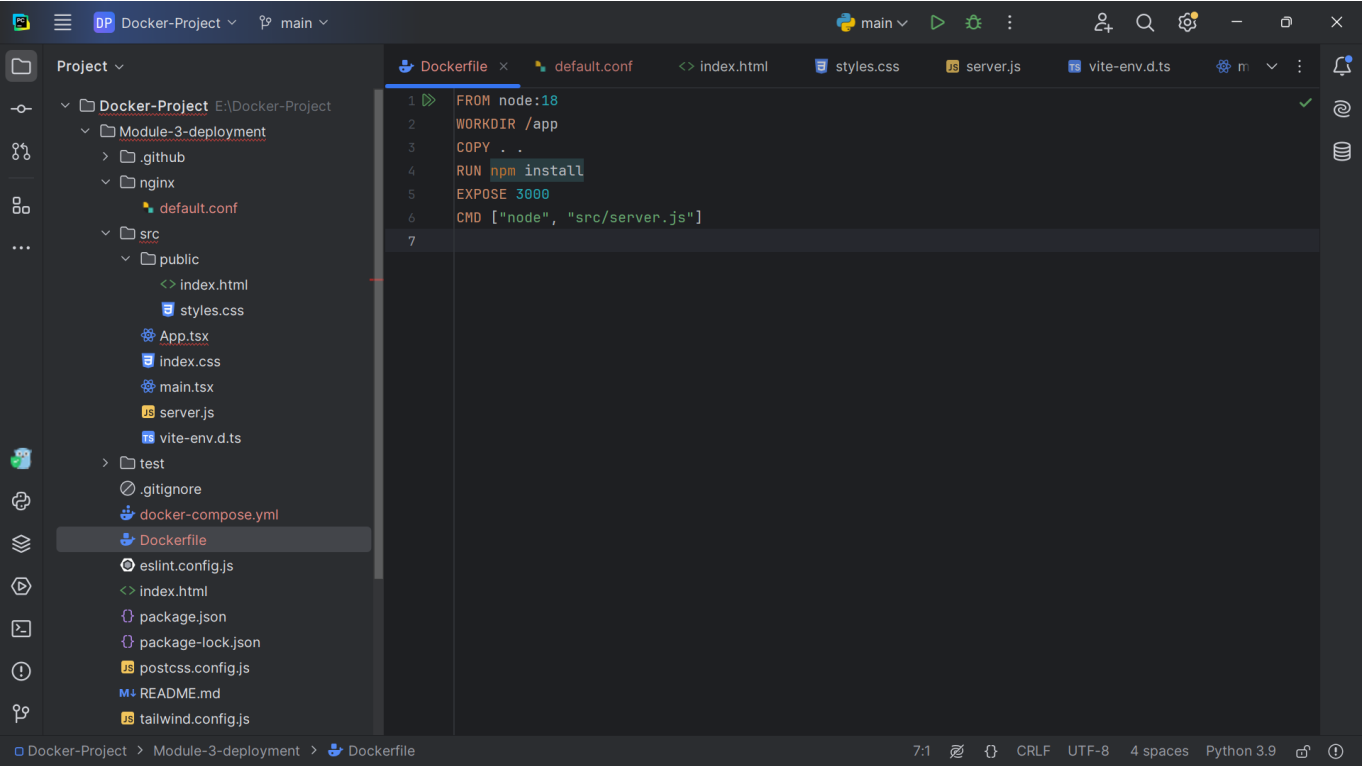
UTF-8

2 spaces

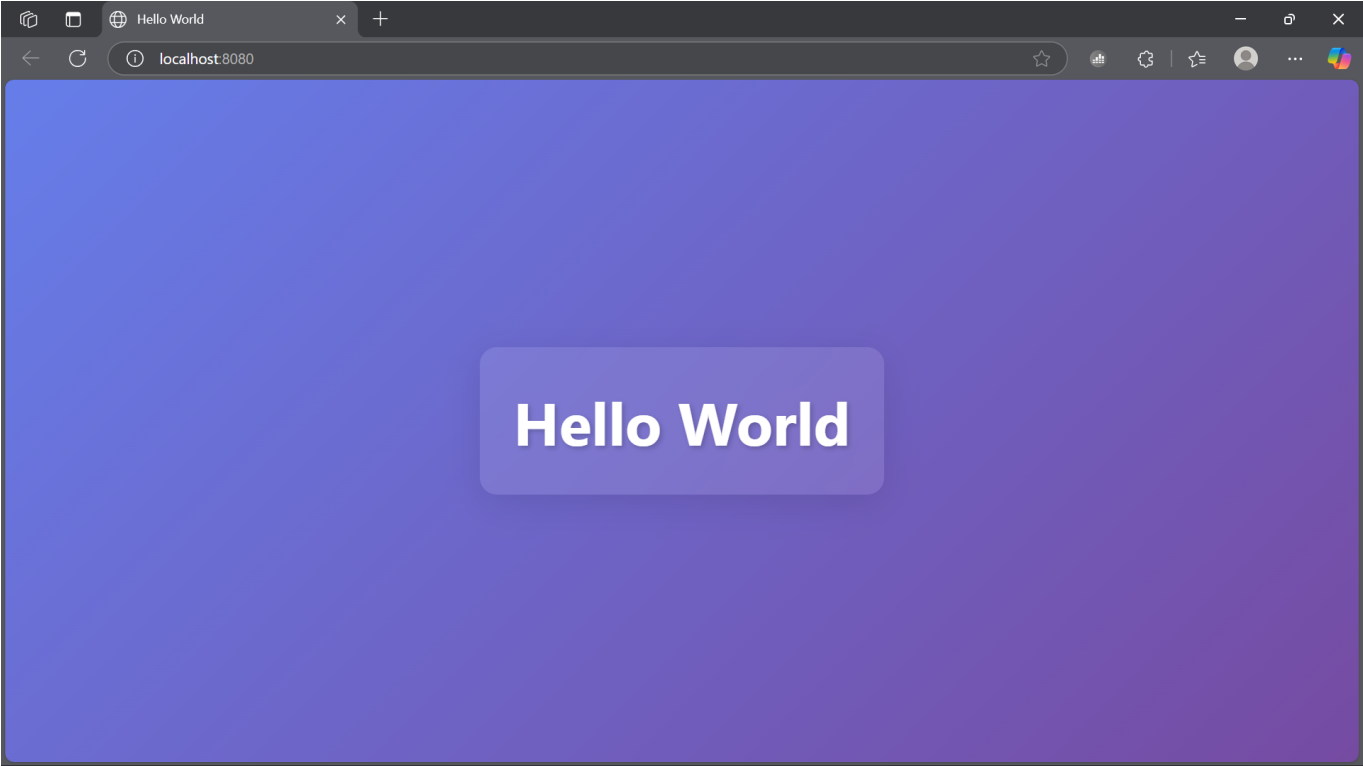
No JSON schema

Python 3.9

Dockerfile Setup



App Running Successfully on localhost:8080



Docker Compose Build Output

DP Docker-Projectmain

mainindex.htmlstyles.cssserver.jsvite-env.d.tsmain.tsxApp

TerminalLocalLocal (2)Local (3)Local (4)

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

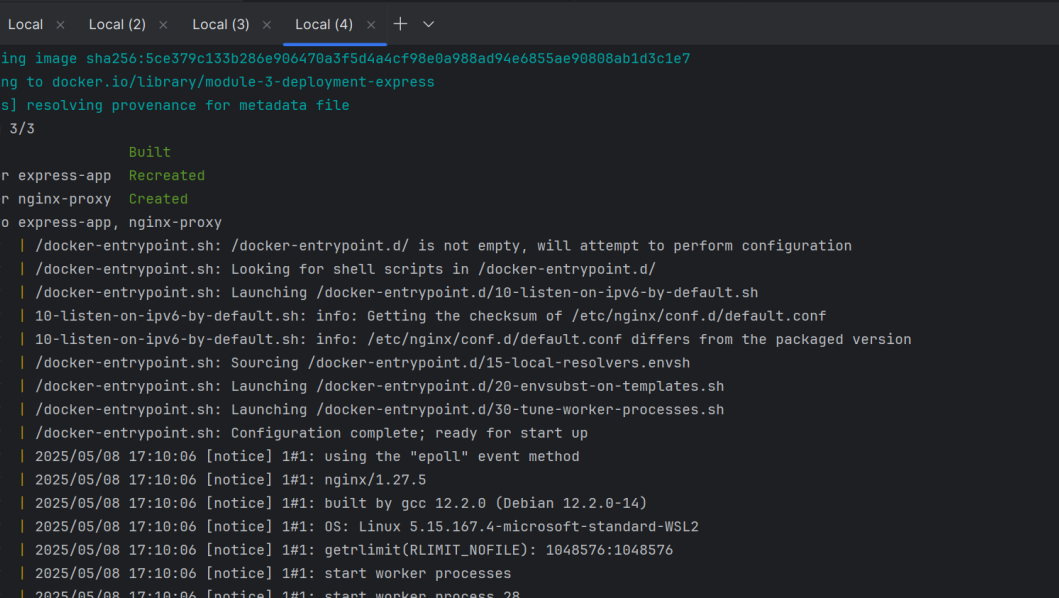
Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS E:\Docker-Project> cd Module-3-deployment
PS E:\Docker-Project\Module-3-deployment> docker-compose up --build
time="2025-05-08T23:10:04+06:00" level=warning msg="E:\\Docker-Project\\Module-3-deployment\\docker-compose.yml: the attribute `version` is obsolete , it will be ignored, please remove it to avoid potential confusion"
Compose can now delegate builds to bake for better performance.
To do so, set COMPOSE_BAKE=true.
[+] Building 0.2s (10/10) FINISHED
=> [express internal] load build definition from Dockerfile
=> => transferring dockerfile: 136B
=> [express internal] load metadata for docker.io/library/node:18
=> [express internal] load .dockerignore
=> => transferring context: 2B
=> [express 1/4] FROM docker.io/library/node:18
=> [express internal] load build context
=> => transferring context: 3.02kB
=> CACHED [express 2/4] WORKDIR /app
=> CACHED [express 3/4] COPY . .
=> CACHED [express 4/4] RUN npm install
=> [express] exporting to image
=> => exporting layers
=> => writing image sha256:5ce379c133b286e906470a3f5d4a4cf98e0a988ad94e6855ae90808ab1d3c1e7

docker:desktop-linux
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s

Docker-Project > Module-3-deployment > nginx > default.conf5:32CRLFUTF-84 spacesPython 3.9

Docker Containers Running



```

>> writing image sha256:5ce379c133b286e906470a3f5d4a4cf98e0a988ad94e6855ae90808ab1d3c1e7 0.0s
>> naming to docker.io/library/module-3-deployment-express 0.0s
>> [express] resolving provenance for metadata file 0.0s
[+] Running 3/3
  ✓ express Built 0.0s
  ✓ Container express-app Recreated 0.1s
  ✓ Container nginx-proxy Created 0.0s
Attaching to express-app, nginx-proxy
nginx-proxy | /docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
nginx-proxy | /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
nginx-proxy | /docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
nginx-proxy | 10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
nginx-proxy | 10-listen-on-ipv6-by-default.sh: info: /etc/nginx/conf.d/default.conf differs from the packaged version
nginx-proxy | /docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
nginx-proxy | /docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
nginx-proxy | /docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
nginx-proxy | /docker-entrypoint.sh: Configuration complete; ready for start up
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: using the "epoll" event method
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: nginx/1.27.5
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: built by gcc 12.2.0 (Debian 12.2.0-14)
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: OS: Linux 5.15.167.4-microsoft-standard-WSL2
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: start worker processes
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: start worker process 28
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: start worker process 29
nginx-proxy | 2025/05/08 17:10:06 [notice] 1#1: start worker process 30

```

Docker Containers Gracefully Stopped

DP

Docker-Project

main

main

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Project

default.conf

<> index.html

styles.css

server.js

vite-env.d.ts

main.tsx

App

Terminal

Local

Local (2)

Local (3)

Local (4)

+

▼

nginx-proxy

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/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh

nginx-proxy

|

/docker-entrypoint.sh: Configuration complete; ready for start up

nginx-proxy

|

2025/05/08 17:10:06 [notice] 1#1: using the "epoll" event method

nginx-proxy

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2025/05/08 17:10:06 [notice] 1#1: nginx/1.27.5

nginx-proxy

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2025/05/08 17:10:06 [notice] 1#1: built by gcc 12.2.0 (Debian 12.2.0-14)

...

nginx-proxy

|

2025/05/08 17:10:06 [notice] 1#1: OS: Linux 5.15.167.4-microsoft-standard-WSL2

nginx-proxy

|

2025/05/08 17:10:06 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576

nginx-proxy

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2025/05/08 17:10:06 [notice] 1#1: start worker processes

nginx-proxy

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2025/05/08 17:10:06 [notice] 1#1: start worker process 28

nginx-proxy

|

2025/05/08 17:10:06 [notice] 1#1: start worker process 29

nginx-proxy

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2025/05/08 17:10:06 [notice] 1#1: start worker process 30

nginx-proxy

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2025/05/08 17:10:06 [notice] 1#1: start worker process 31

nginx-proxy

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2025/05/08 17:10:06 [notice] 1#1: start worker process 32

nginx-proxy

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2025/05/08 17:10:06 [notice] 1#1: start worker process 33

nginx-proxy

|

2025/05/08 17:10:06 [notice] 1#1: start worker process 34

nginx-proxy

|

2025/05/08 17:10:06 [notice] 1#1: start worker process 35

express-app

|

Server running on port 5000

Gracefully stopping... (press Ctrl+C again to force)

[+]

Stopping

2/2

✓

Container nginx-proxy

Stopped

0.6s

✓

Container express-app

Stopped

3.9s

PS

E:\Docker-Project\Module-3-deployment>

Docker-Project

>

Module-3-deployment

>

nginx

>

default.conf

5:32

🔗

🔗

CRLF

UTF-8

4 spaces

Python 3.9

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