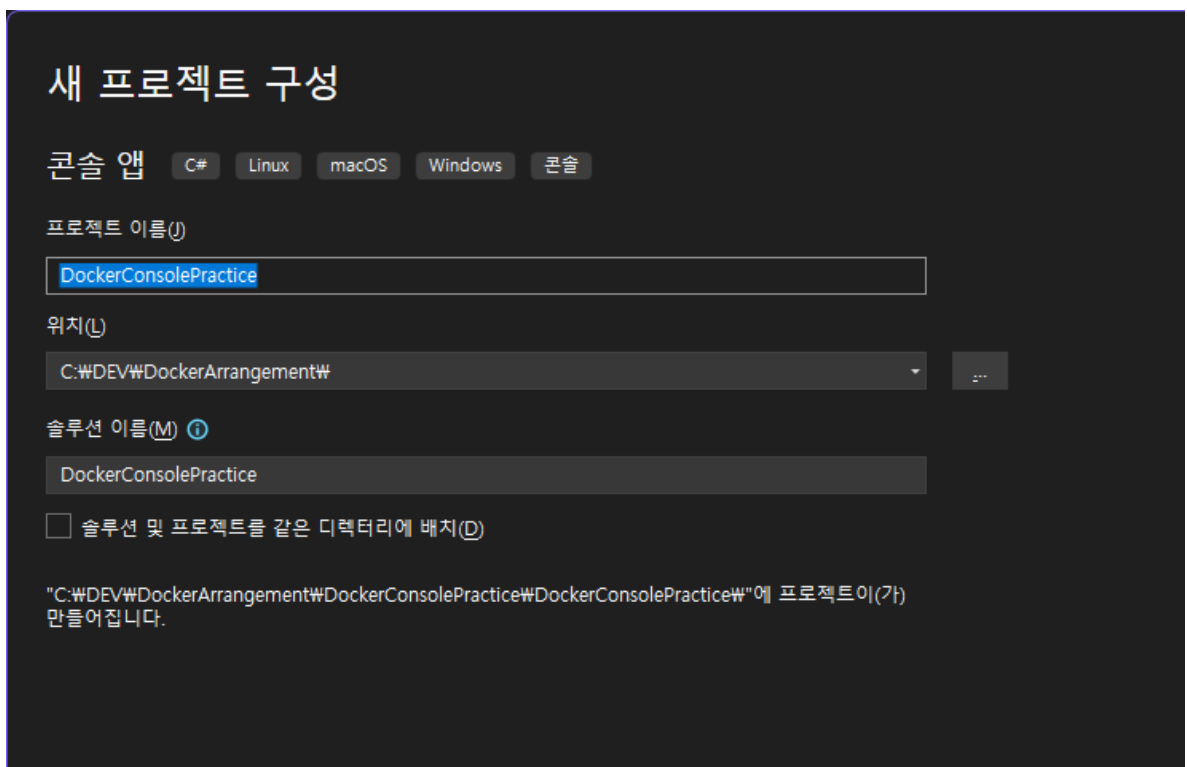
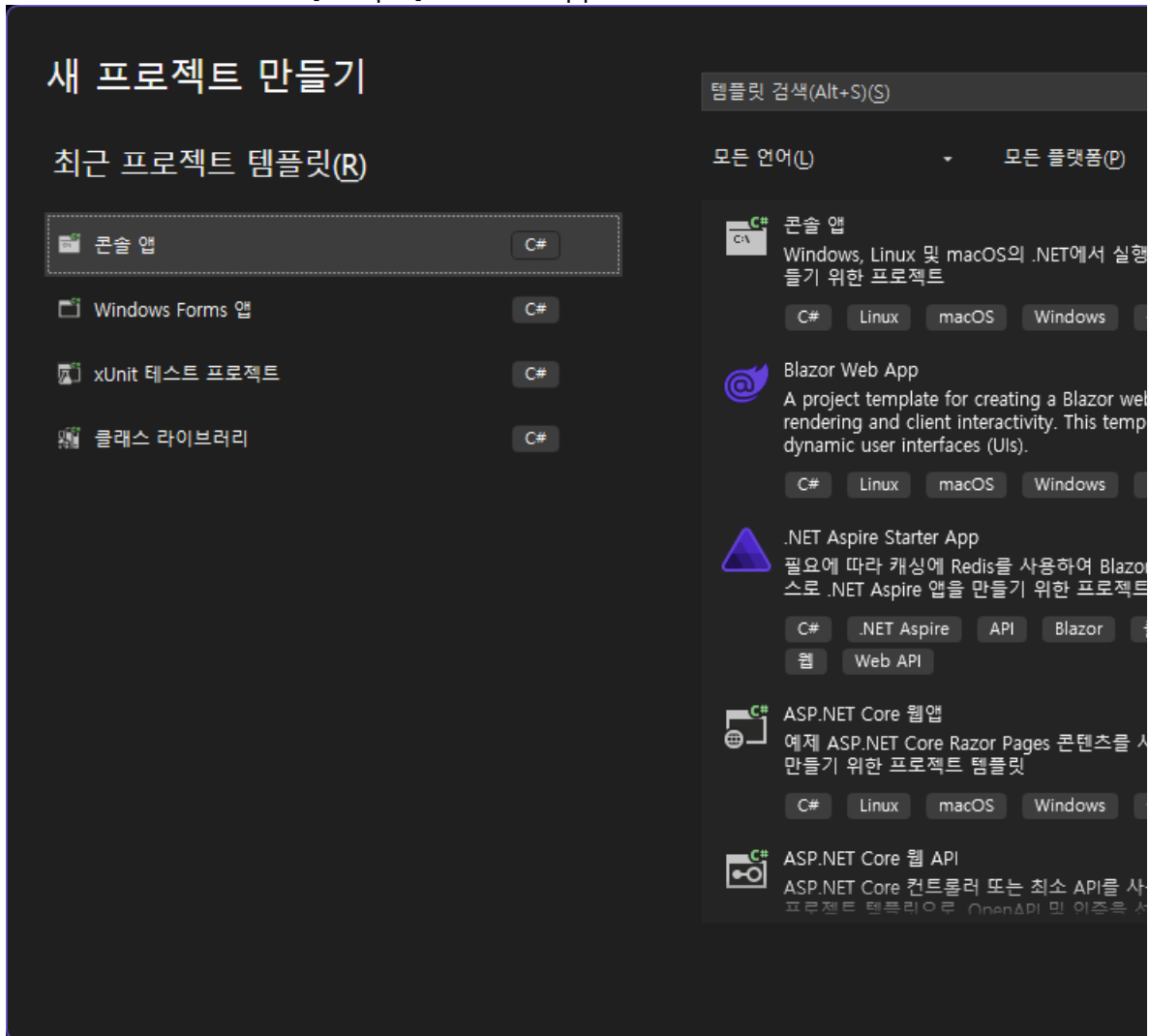
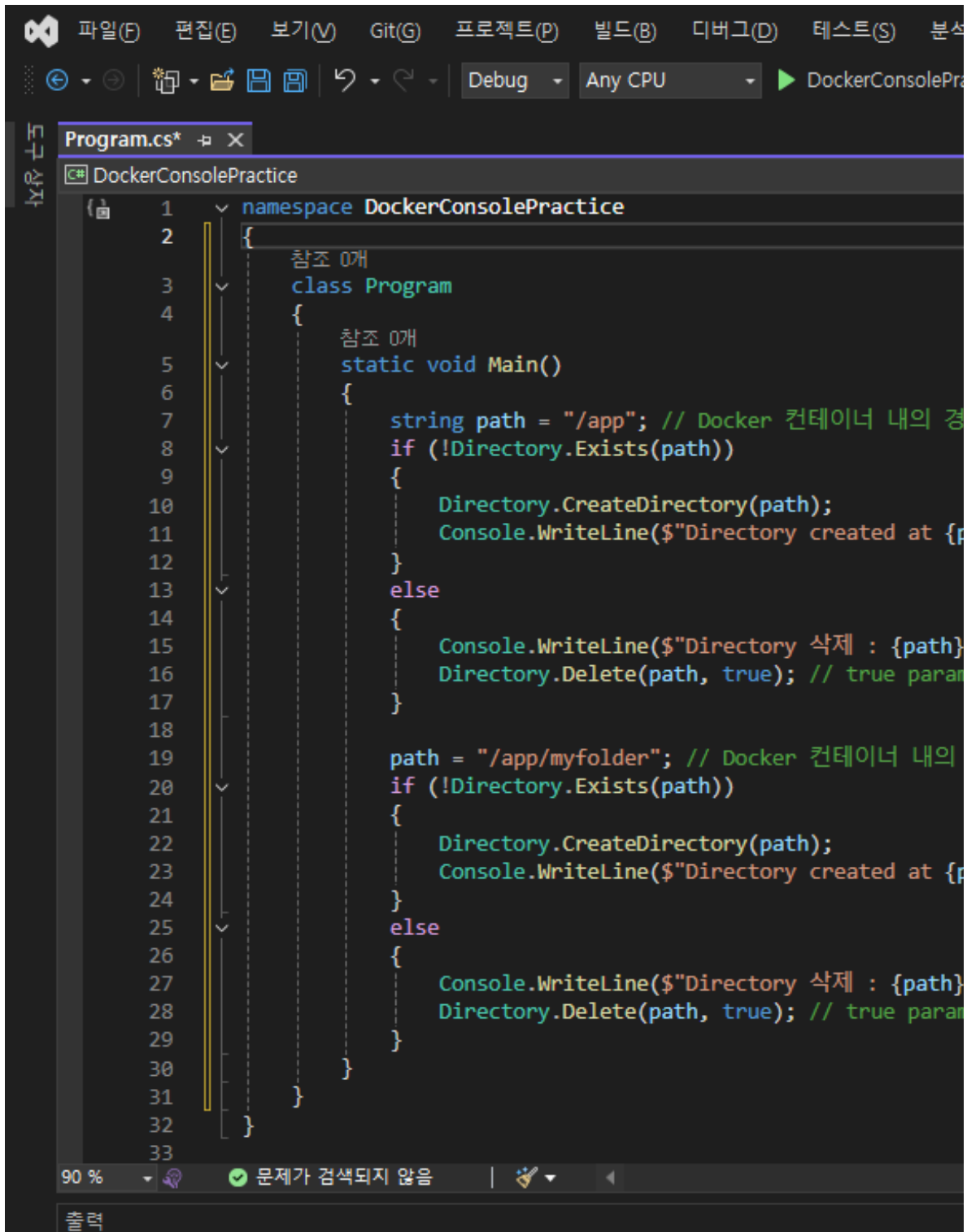


VisualStudio 2022에서 [Sample] Console App 생성



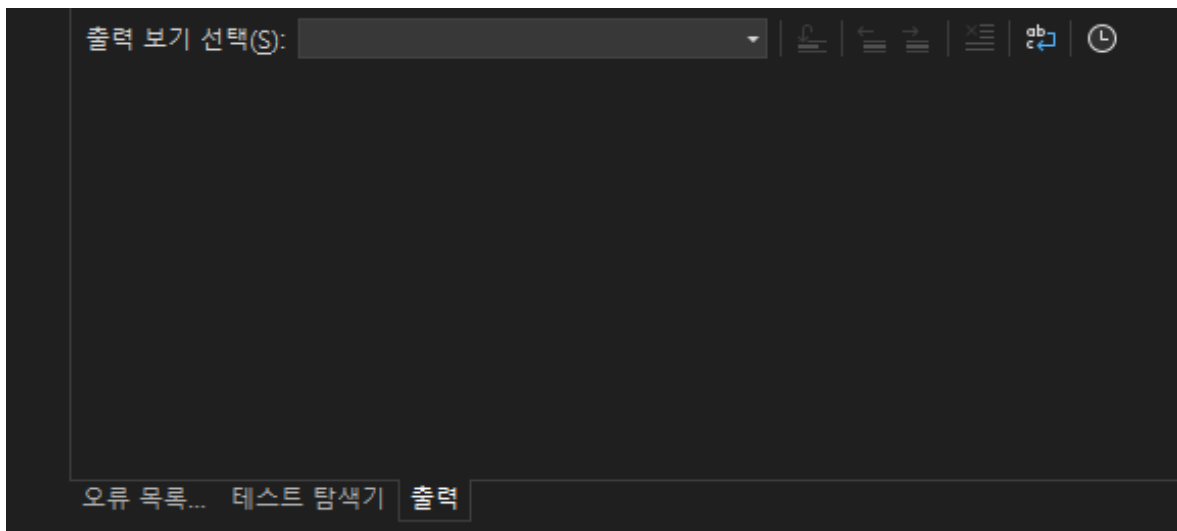
프로그램 구성



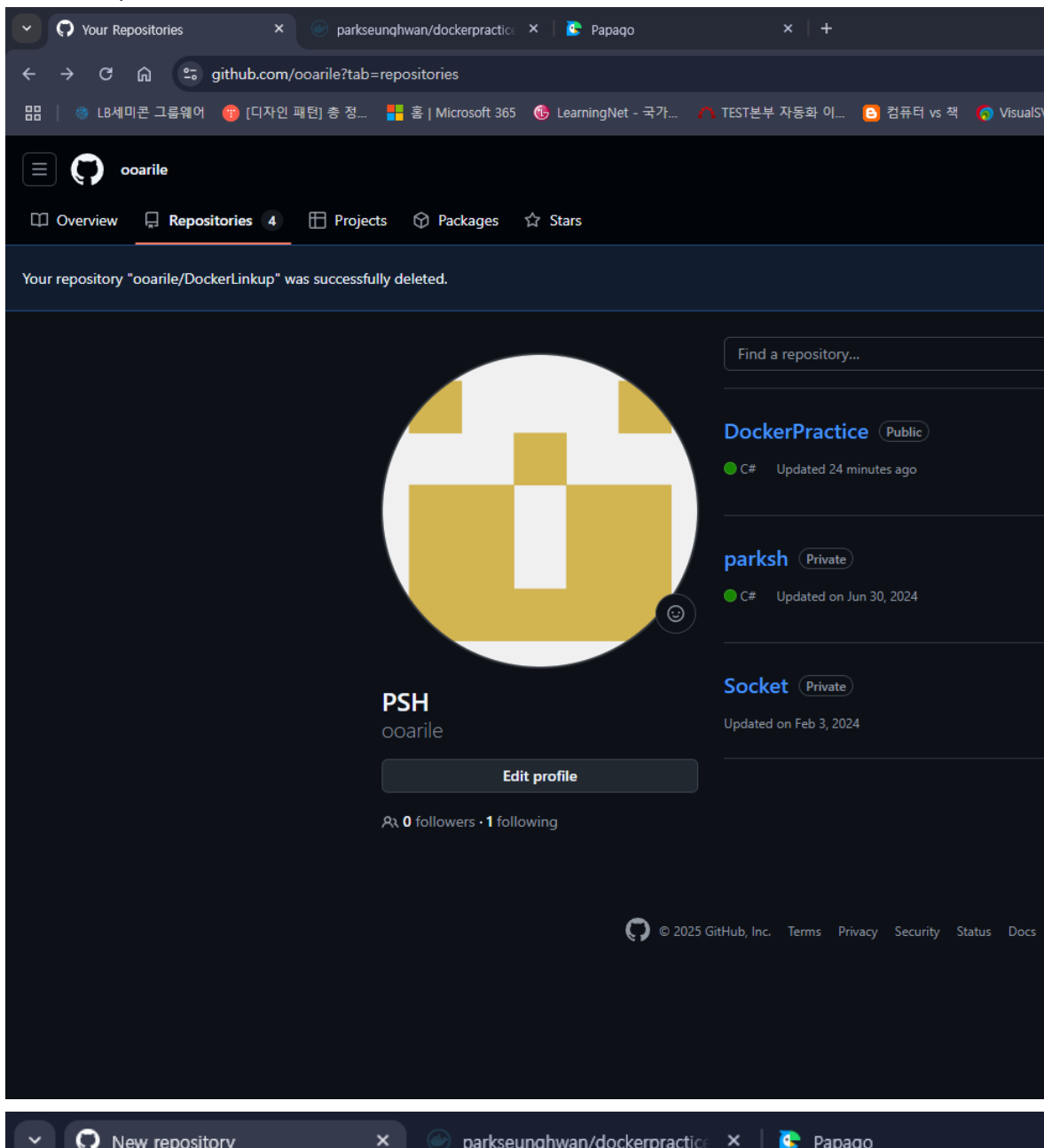
```
1 namespace DockerConsolePractice
2 {
3     참조 0개
4     class Program
5     {
6         참조 0개
7         static void Main()
8         {
9             string path = "/app"; // Docker 컨테이너 내의 경
10             if (!Directory.Exists(path))
11             {
12                 Directory.CreateDirectory(path);
13                 Console.WriteLine($"Directory created at {p
14             }
15             else
16             {
17                 Console.WriteLine($"Directory 삭제 : {path}");
18                 Directory.Delete(path, true); // true param
19             }
20             path = "/app/myfolder"; // Docker 컨테이너 내의
21             if (!Directory.Exists(path))
22             {
23                 Directory.CreateDirectory(path);
24                 Console.WriteLine($"Directory created at {p
25             }
26             else
27             {
28                 Console.WriteLine($"Directory 삭제 : {path}");
29                 Directory.Delete(path, true); // true param
30             }
31         }
32     }
33 }
```

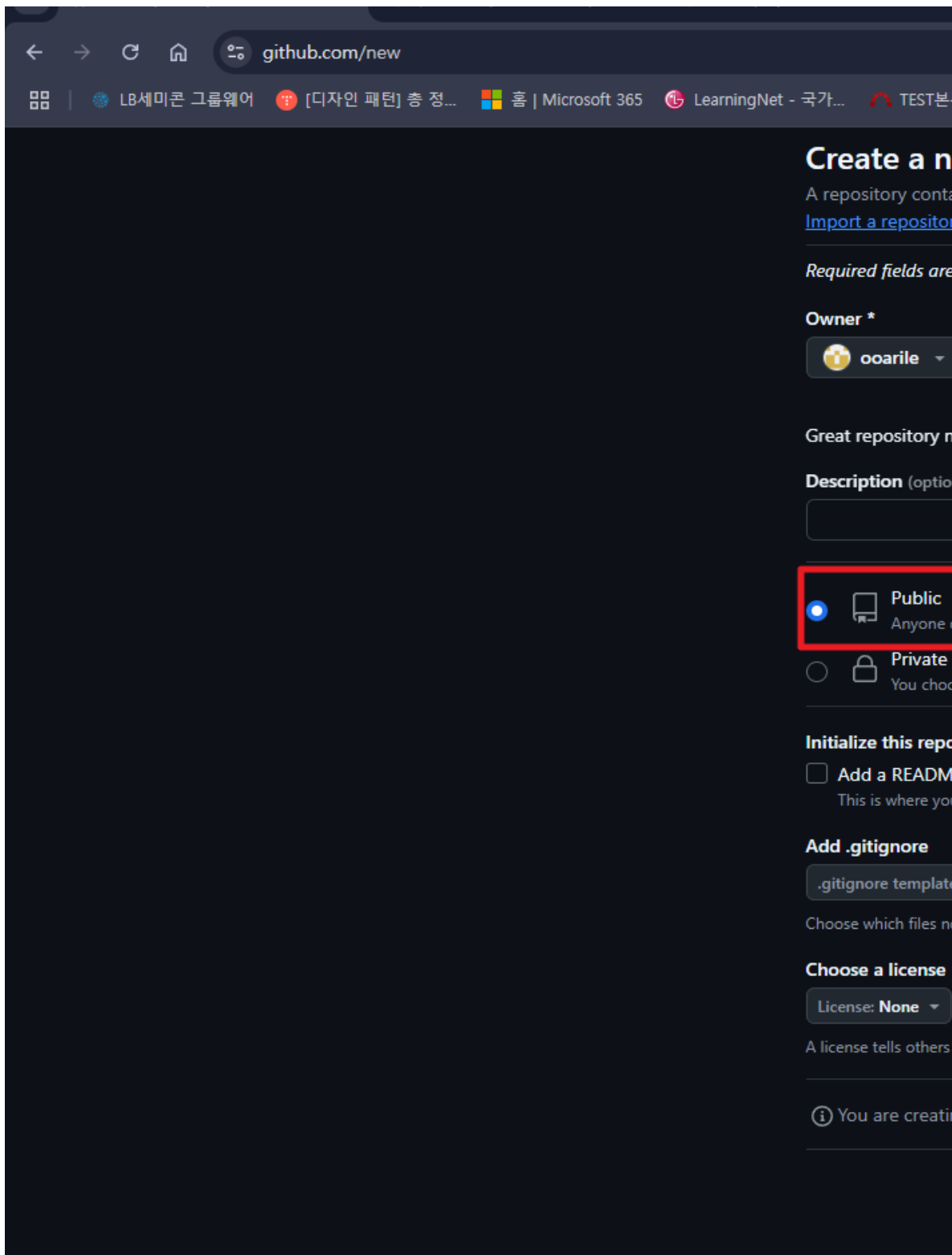
90 % | 문제 검색되지 않음

출력



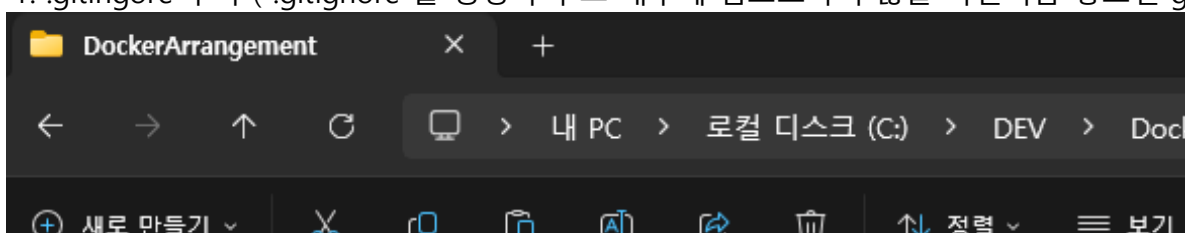
Github 저장소 생성

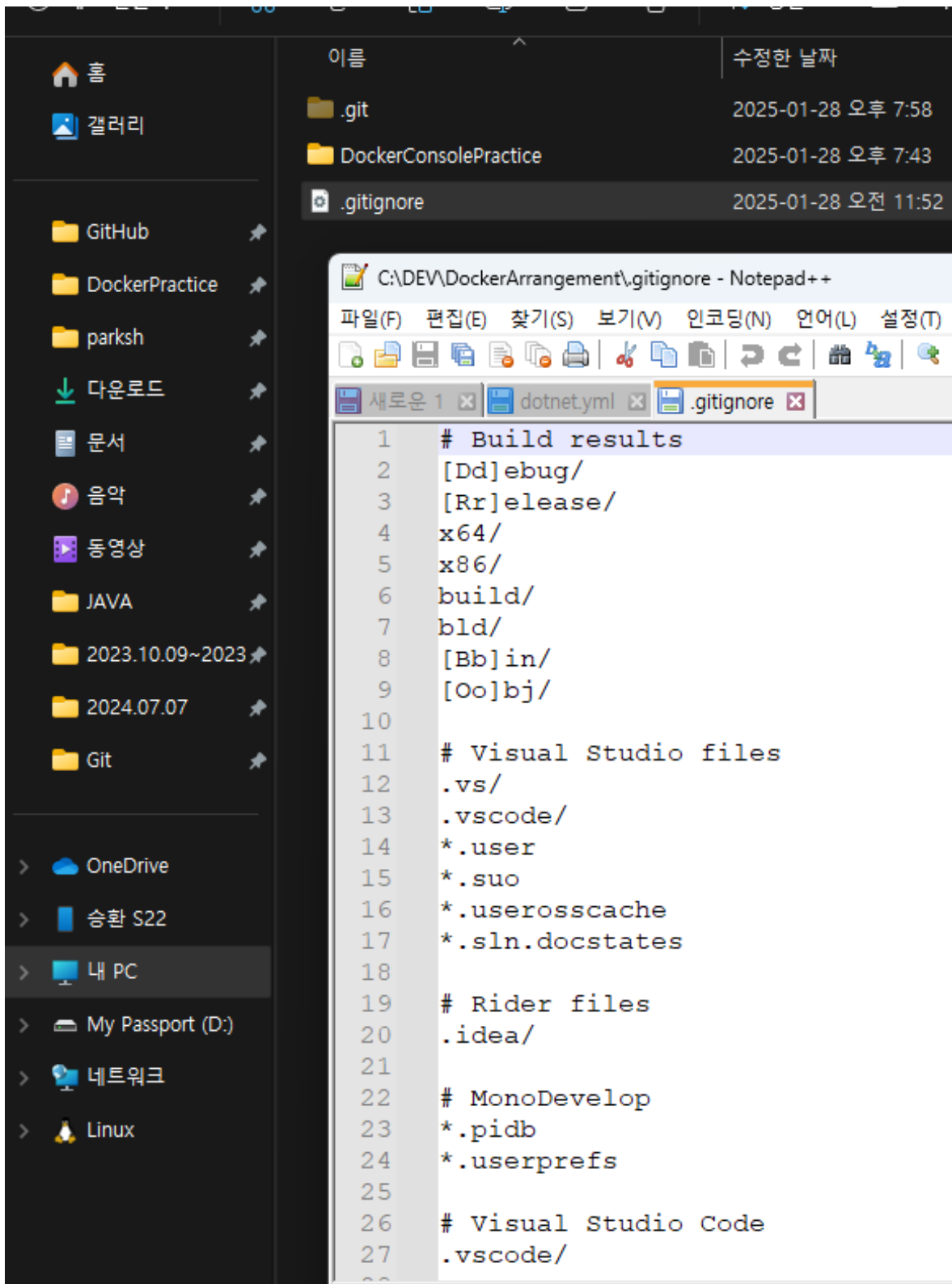




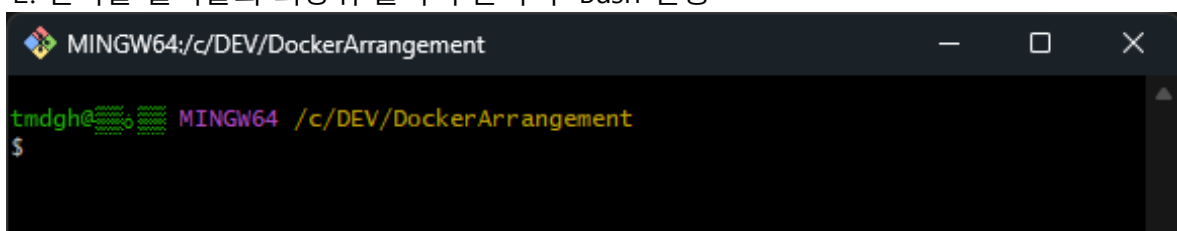
Git 연결

1. .gitingore 추가 (".gitignore"를 생성하여 그 내부에 업로드하지 않을 파일이름 넣으면 g





2. 관리할 폴더들의 최상위 폴더 우클릭 후 Bash 실행





```
MINGW64:/c/DEV/DockerArrangement

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git config --global user.name parksh

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git config --global user.email tmdghks0906@gmail.com

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git init
Reinitialized existing Git repository in C:/DEV/DockerArrangement/.git/

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git add .

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git commit -m "init"
[master (root-commit) afeaf4f] init
4 files changed, 144 insertions(+)
create mode 100644 .gitignore
create mode 100644 DockerConsolePractice/DockerConsolePractice.sln
create mode 100644 DockerConsolePractice/DockerConsolePractice/DockerConsolePracti
create mode 100644 DockerConsolePractice/DockerConsolePractice/Program.cs

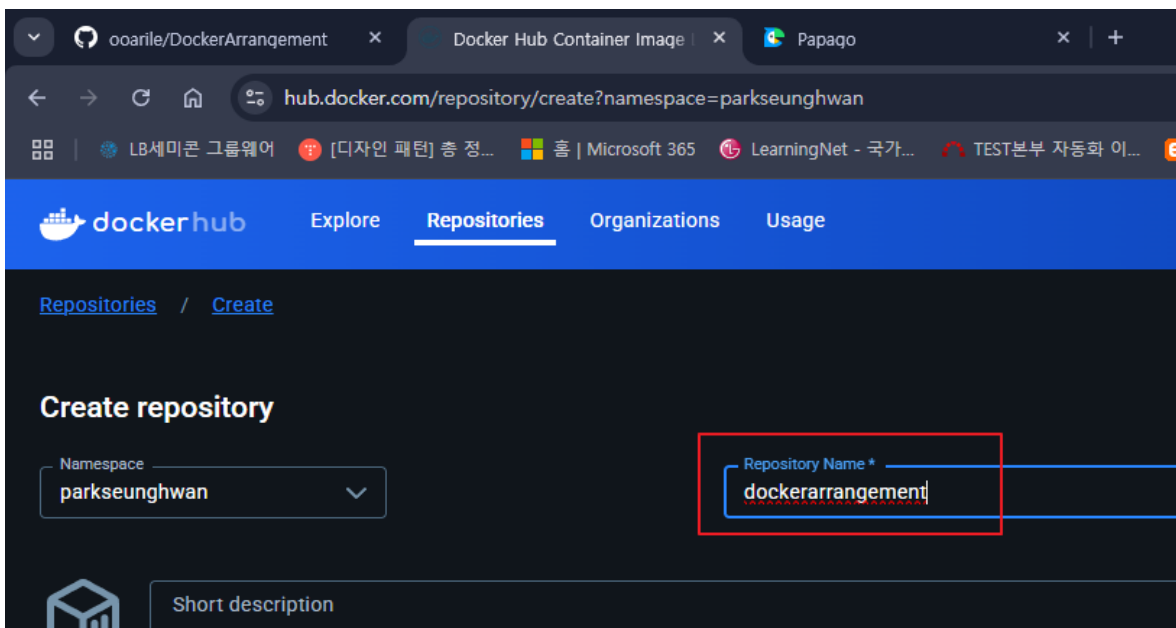
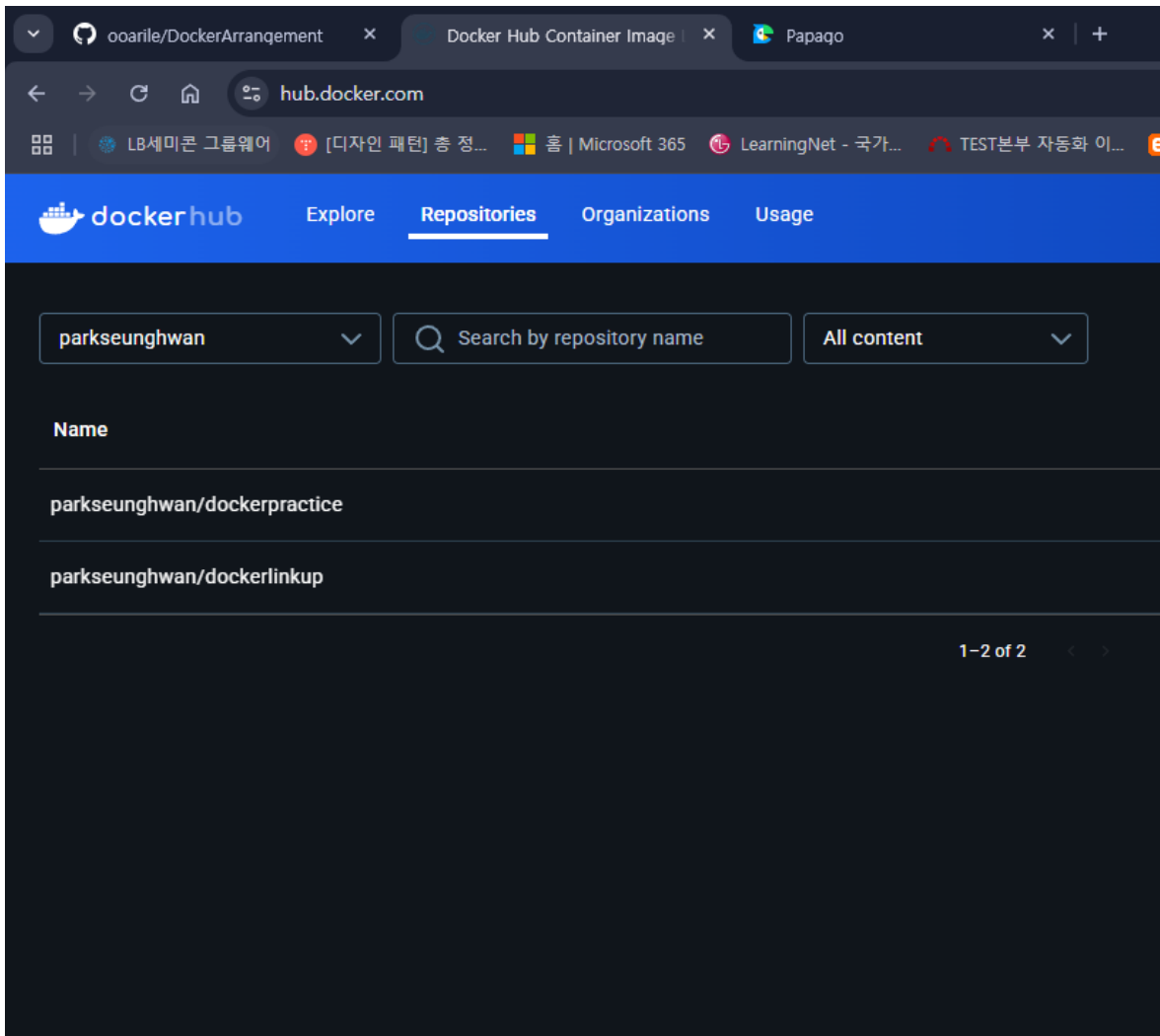
tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git remote add origin https://github.com/ooarile/DockerArrangement.git

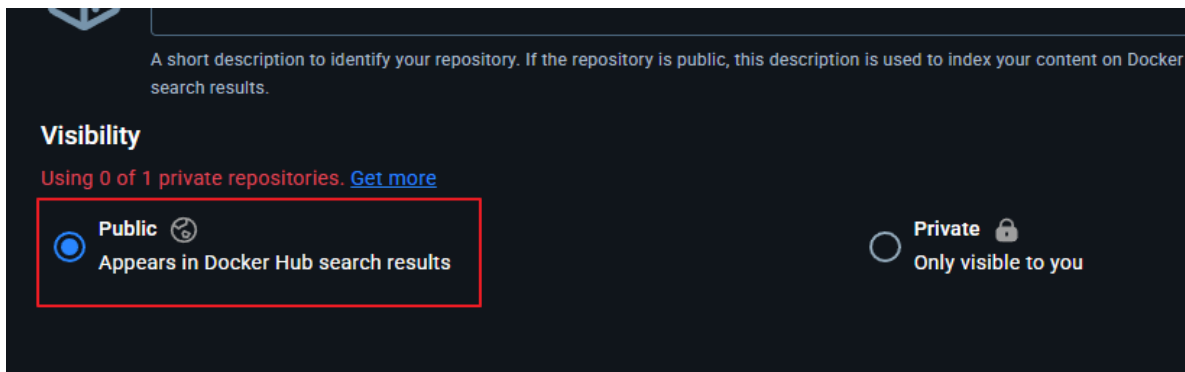
tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git push origin master
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 12 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 1.70 KiB | 1.70 MiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ooarile/DockerArrangement.git
 * [new branch]      master -> master
```

git config --global user.name [닉네임] --> 누가커밋했는지 나타내는 용도이므로 자유롭게
git config --global user.email [로그인 ID] --> Git Hub 로그인 Email 주소
git init
git add . 또는 git add [폴더명]
git commit -m "[커밋할 내용]"

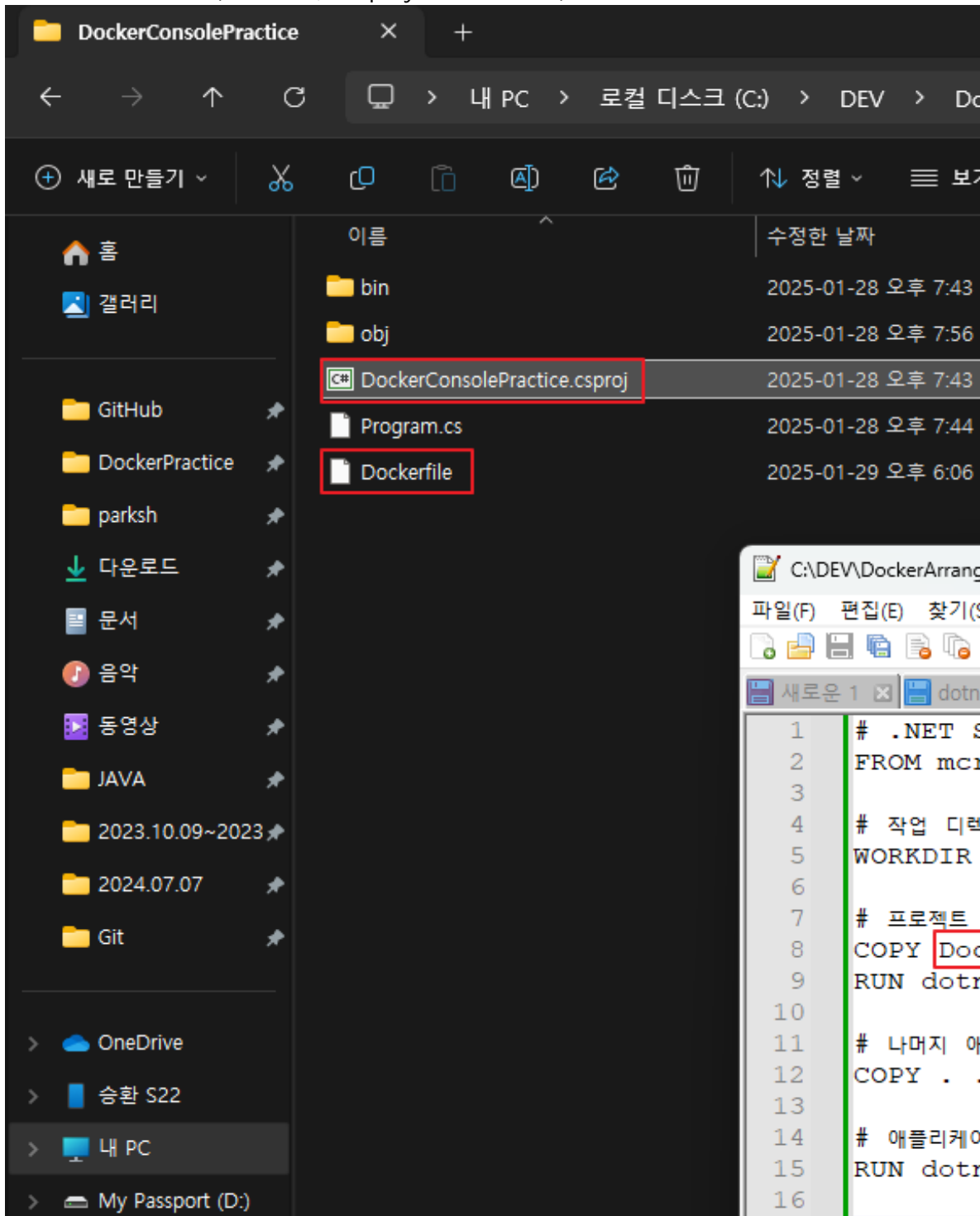
```
git remote add origin https://github.com/ooarile/DockerArrangement.git
git push origin [master or 브랜치명]
```

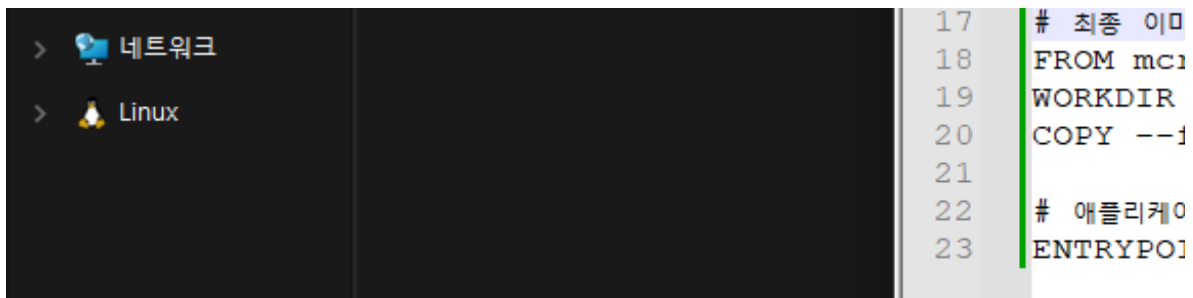
Docker Hub 연결





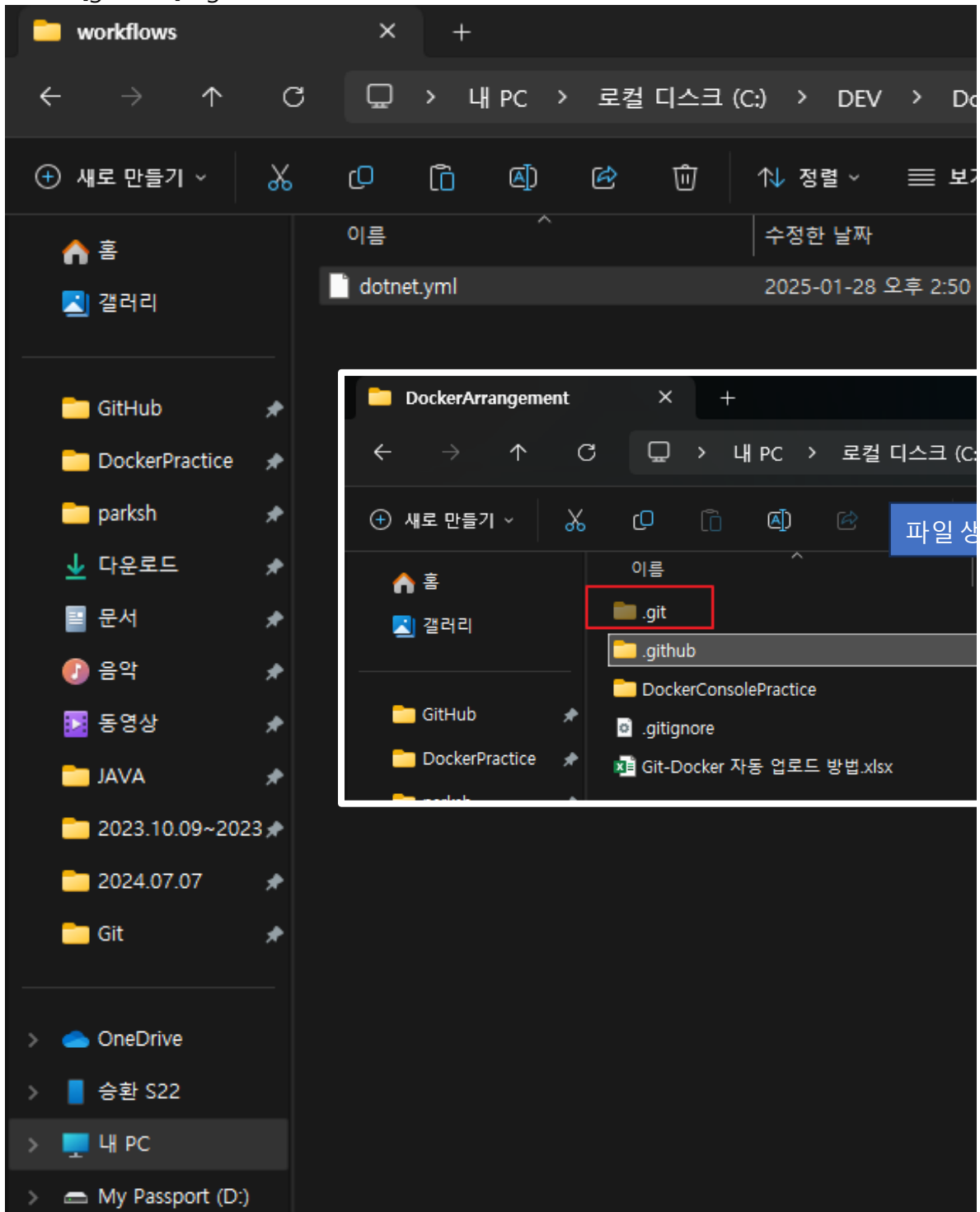
1. Dockerfile 생성 (확장자 X, *.csproj 와 같은 경로)

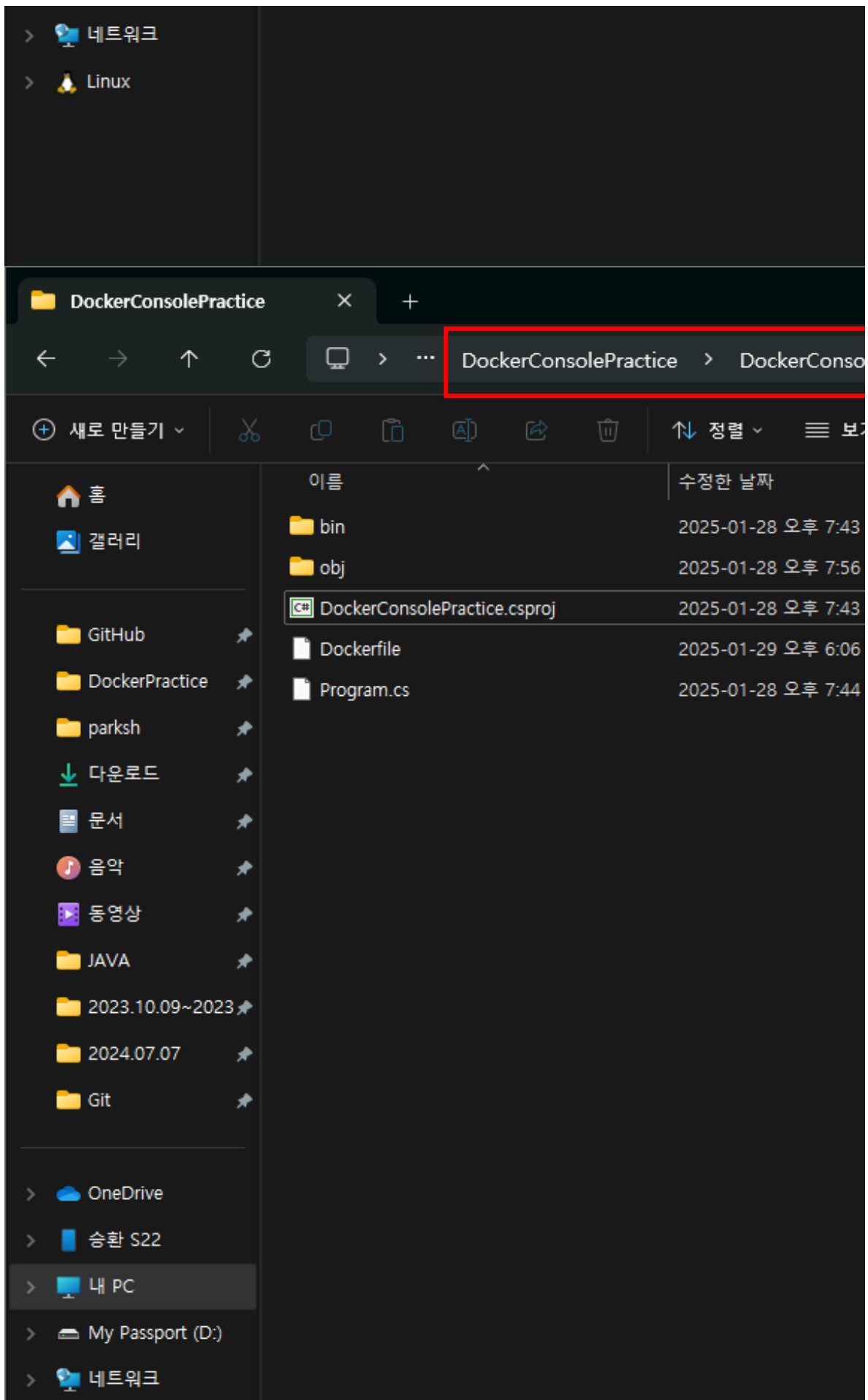


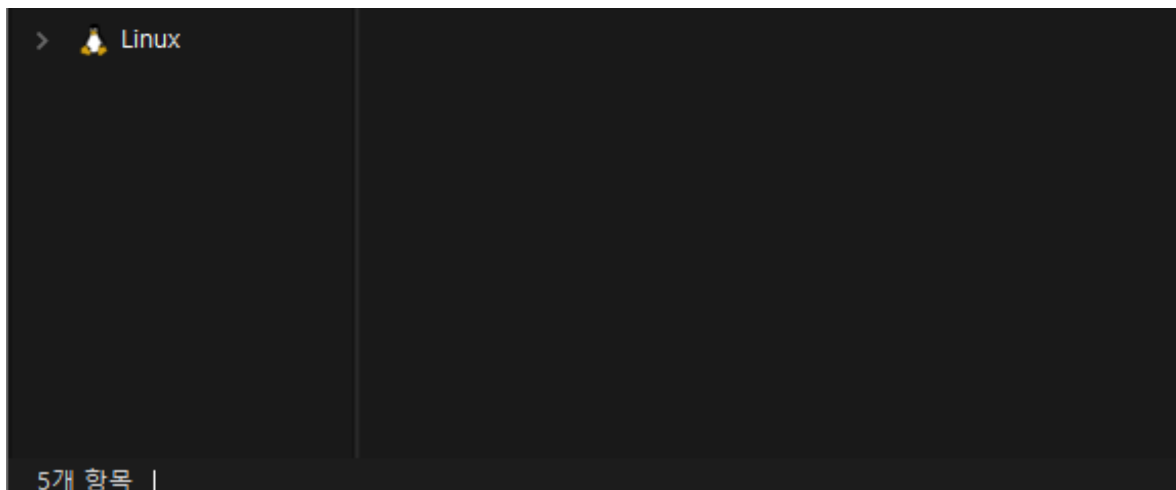


2. dotnet.yml 생성

경로 : [git 경로]\github\workflows



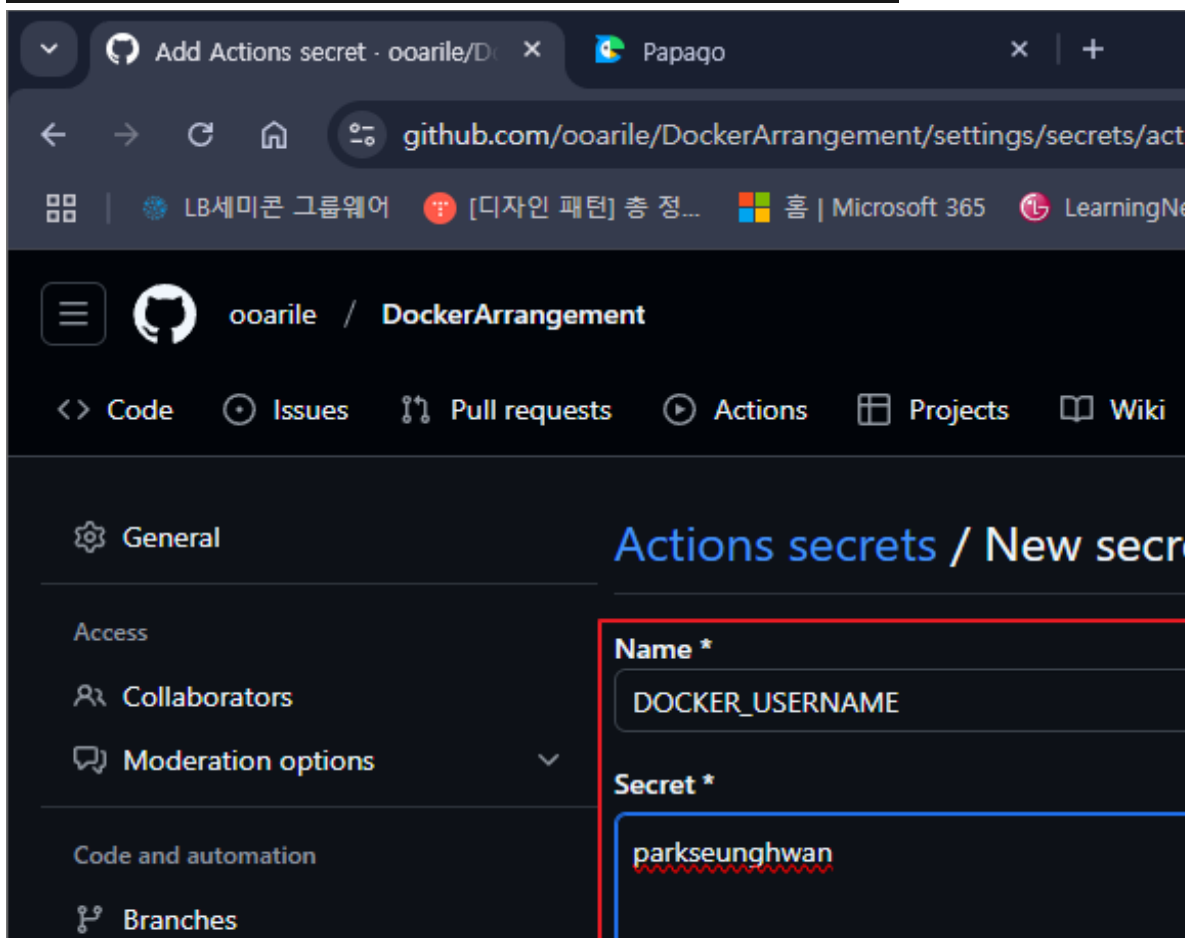


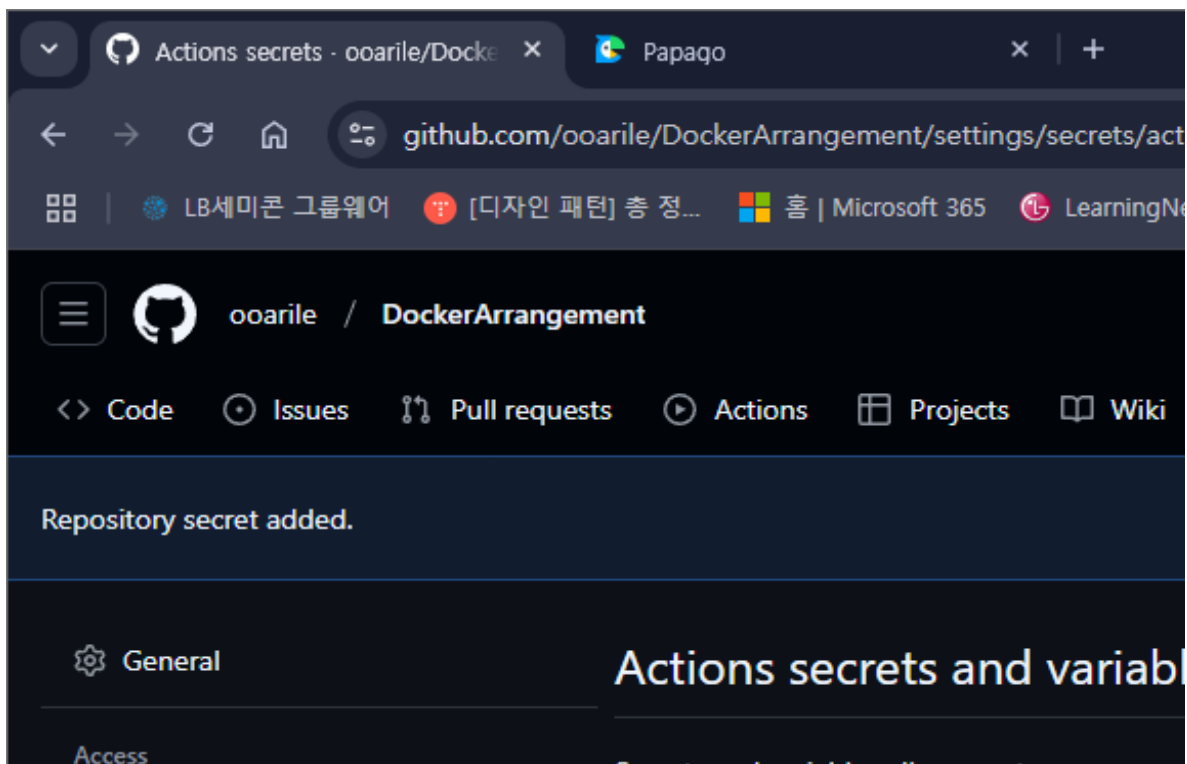
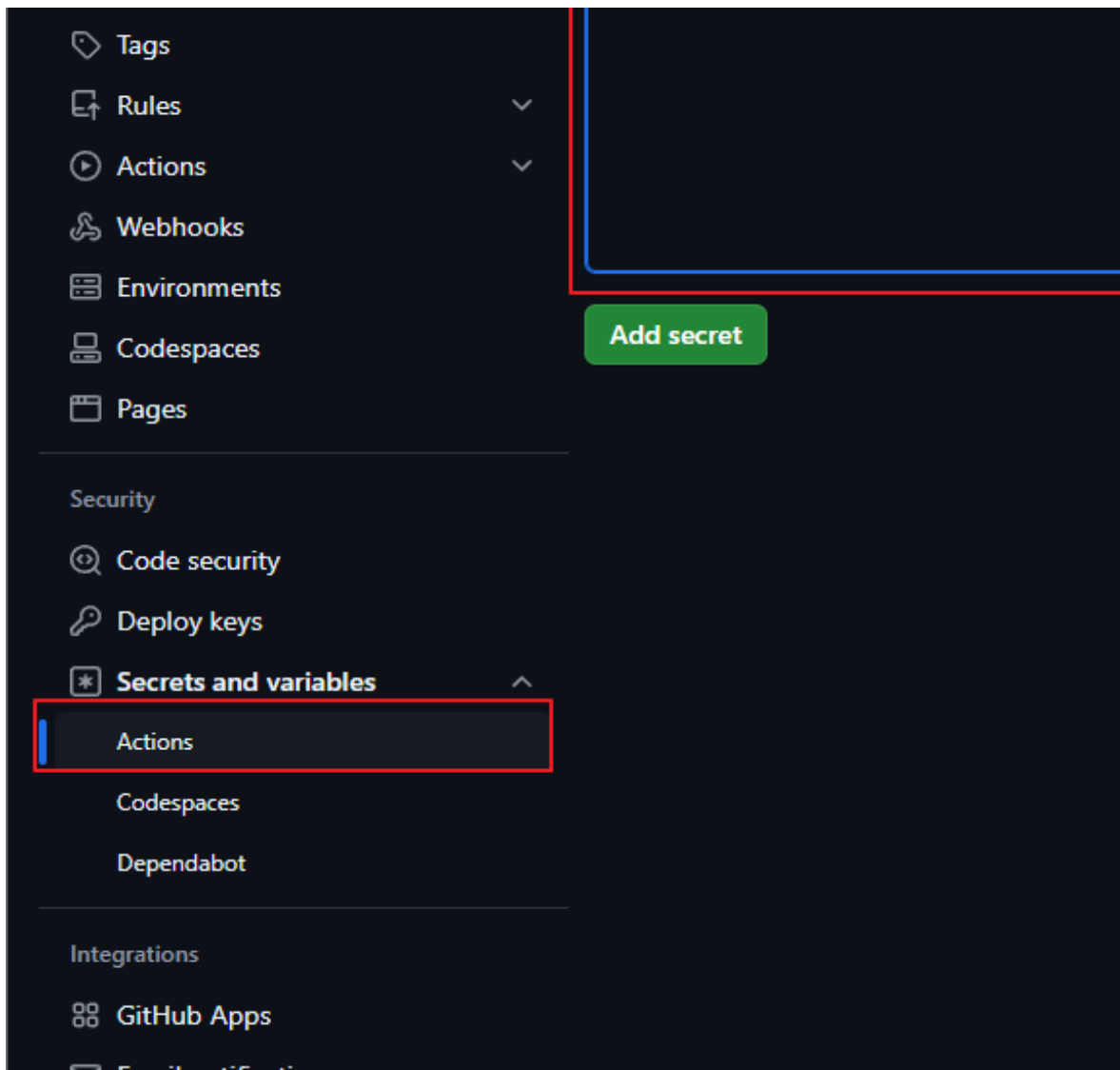


secrets.DOCKER_USERNAME, secrets.DOCKER_PASSWORD 설정

3. GitHub Secrets 설정

1. GitHub 리포지토리로 이동합니다.
2. Settings > Secrets and variables > Actions 로 이동합니다.
3. New repository secret 를 클릭하고 다음을 추가합니다:
 - DOCKER_USERNAME : Docker Hub 사용자 이름
 - DOCKER_PASSWORD : Docker Hub 비밀번호 또는 액세스 토큰





Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code security

Deploy keys

Secrets and variables

Actions

Codespaces

Dependabot

Secrets and variables allow you to manage re
are used for sensitive data. [Learn more about](#)
and are used for **non-sensitive** data. [Learn m](#)

Anyone with collaborator access to this repos
They are not passed to workflows that are trig

Secrets

Variables

Environment secrets

This environ

Manage e

Repository secrets

Name

DOCKER_PASSWORD

DOCKER_USERNAME

4. 커밋 및 푸시

이제 `main` 브랜치에 커밋을 푸시하면 GitHub Actions가 자동으로 Docker 이미지를 빌드하고 Docker Hub에 업로드합니다. 이 설정을 통해 GitHub와 Docker Hub가 자동으로 연동되어 커밋 시 Docker 이미지를 관리할 수 있습니다.

```
tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git add .

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git commit -m "연동 test"
[master 7f664a2] 연동 test
3 files changed, 63 insertions(+)
create mode 100644 .github/workflows/dotnet.yml
create mode 100644 DockerConsolePractice/DockerConsolePractice/Dockerfile
create mode 100644 "Git-Docker \354\236\220\353\217\231 \354\227\205\353\241\234\225\214"
```

```
225.xl5x
tmdgh@MINGW64 /c/DEV/DockerArrangement (master)
$ git push origin master
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (9/9), 1.26 MiB | 2.51 MiB/s, done.
Total 9 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ooarile/DockerArrangement.git
afeaf4f..7f664a2 master -> master
```

ooarile / DockerArrangement

Code Issues Pull requests Actions Projects Wiki

DockerArrangement Public

master

ooarile 연등 test 7f664a2

.github/workflows 연등 test

DockerConsolePractice 연등 test

.gitignore init

Git-Docker 자동

README

Some checks haven't completed yet

1 in progress check

Build and Deploy / build (push) In progress - This check has

연등 test 2 · ooarile/DockerArrangement

github.com/ooarile/DockerArrangement/actions/runs/13036

← Build and Deploy

✓ 연동 test 2 #2

Summary

Jobs

✓ build

Run details

Usage

Workflow file

Annotations

19 warnings

build

succeeded 4 minutes ago in 36s

- > ✓ Set up job
- > ✓ Checkout code
- > ✓ Set up .NET
- > ✓ Set up Docker Buildx
- > ✓ Log in to Docker Hub
- > ✓ Build and push Docker image
- > ✓ Publish artifacts
- > ✓ Post Build and push Docker image
- > ✓ Post Log in to Docker Hub
- > ✓ Post Set up Docker Buildx
- > ✓ Post Checkout code
- > ✓ Complete job



parkseunghwan/dockerarrangement x +



hub.docker.com/repository/docker/parkseunghwan/dockerarrangement

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parkseunghwan/dockerarrangement

Last pushed 5 minutes ago · Repository size: 75.6 MB



Add a description  

Add a category  

General Tags Builds Collaborators Webhooks Settings

Tags


This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 latest		Image	5 minutes ago	5 minutes ago

[See all](#)

Docker Hub에 있는 이미지를 실행하려면 Docker CLI를 사용하여 로컬 환경에서 이미지를 가져오고

1. 이미지 가져오기 (Pull)

 Bash

```
docker pull parkseunghwan/dockerarrangement:latest
```

2. 이미지 실행 (Run)

Bash

```
docker run -d parkseunghwan/dockerarrangement:latest
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)

```
$ docker pull parkseunghwan/dockerarrangement:latest
```

latest: Pulling from parkseunghwan/dockerarrangement

af302e5c37e9: Already exists

91ab5e0aabf0: Already exists

1c1e4530721e: Already exists

1f39ca6dcc3a: Already exists

ea20083aa801: Already exists

7e6a86f56d09: Pull complete

896a7c7e8408: Pull complete

Digest: sha256:b5951b9f02944e2a38868da16dd43b7e1295aa4486199b5f13c9ffcd54187b47

Status: Downloaded newer image for parkseunghwan/dockerarrangement:latest

docker.io/parkseunghwan/dockerarrangement:latest

What's Next?

View a summary of image vulnerabilities and recommendations → `docker scout qu`

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)

```
$ docker run -d parkseunghwan/dockerarrangement:latest
```

/f7a074f4dd7f1c69cb8a6105c6ef729fddb052fec3c258de1b255e32ec0286b

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)

```
$ docker ps -a
```

CONTAINER ID	IMAGE	COMMAND
7f7a074f4dd7	parkseunghwan/dockerarrangement:latest	"dotnet DockerConsol..."

tmdgh@MINGW64 /c/DEV/DockerArrangement (master)

```
$ docker logs 7f
```

Directory 생성 : /lbsemicon

Directory 생성 : /lbsemicon/myfolder

참고 :

docker에 mattermost 설치 : `docker run --name mattermost-preview -d --publish 8065:8065`

mattermost와 github와 webhook 연결하려면 middleware가 있어야 한다. (다이렉트 시도하면 외부에서 Localhost로 webhook 접속시 ngrok를 사용해서 주소를 받아야 한다.

```
선택 관리자: C:\Users\tmdgh\Downloads\ngrok-v3-stable-windows-amd64\ngrok.exe - ngrok http 8080
ngrok
♥   ngrok? We're hiring https://ngrok.com/careers

Session Status      online
Account             PSH (Plan: Free)
Version             3.19.1
Region              Japan (jp)
Latency              34ms
Web Interface        http://127.0.0.1:4040
Forwarding            https://8408-175-113-121-192.ngrok-free.a

Connections          ttl      opn      rt1      rt5      p50      p99
                    22       0       0.00     0.00     60.13     60.13

HTTP Requests
-----
03:51:33.015 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:51:32.733 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:51:32.780 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:51:32.746 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:50:41.370 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:50:41.640 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:50:34.839 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:50:34.872 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:50:33.579 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
03:50:32.149 KST POST /hooks/1t7qfcycsbdb5dnh6pgnpnk95e 400 Bad Request
```

웹도 됩니다

```
tmdgh@0000 MINGW64 /c/DEV/DockerWebTest/DockerWebTest (master)
$ docker ps
```

PORTS	NAMES
0a03afc11e17	parkseunghwan/dockerwebtest:latest "dotnet DockerWebTes..."
11eed4233b77	mattermost/mattermost-team-edition:latest "/entrypoint.sh matt..."
781650e0059e	postgres:12-alpine "docker-entrypoint.s..."

test5 - ooarile/DockerWebTest

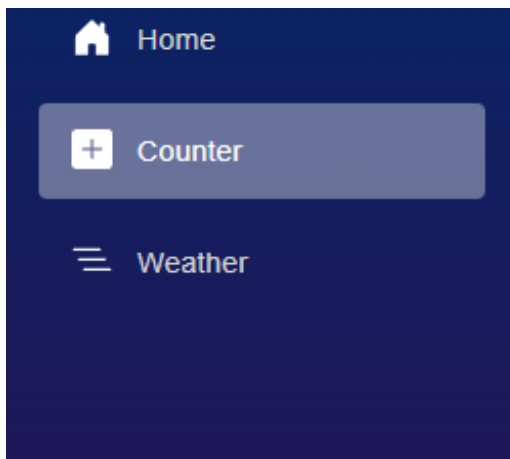
Image Layer Details - parkseur

Coun

localhost:8080/counter

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DockerWebTest



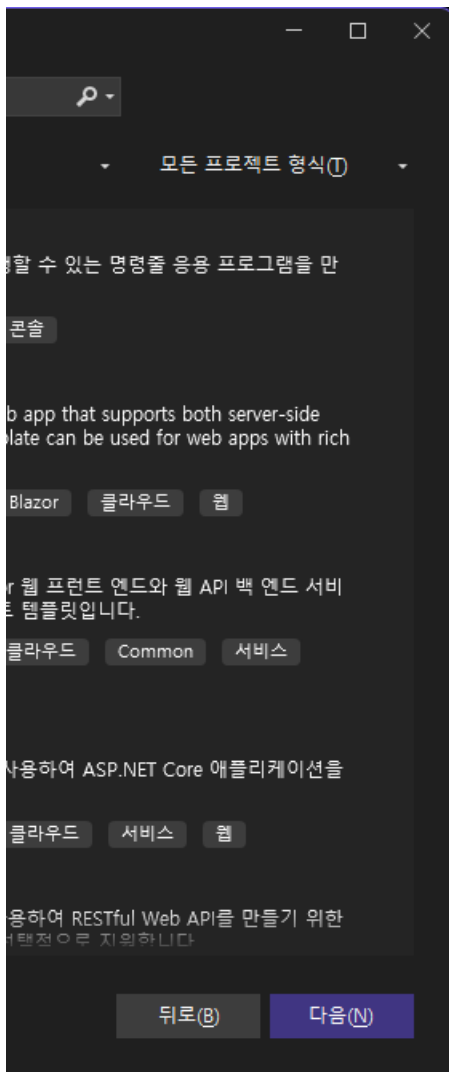
docker-compose 사용하면 알아서 dockerHub 이미지 다운받아 실행시킨다

```
C:\DEV\DockerWebTest\DockerWebTest\docker-compose.yml - Notepad++
파일(F) 편집(E) 찾기(S) 보기(V) 인코딩(N) 언어(L) 설정(T) 도구(O) 매크로 실행 플러그인
[Icons]
Dockerfile x dotnet.yml x docker-compose.yml x
1 version: '3.8'
2
3 services:
4   web:
5     image: parkseunghwan/dockerwebtest:latest
6     build:
7       context: .
8       dockerfile: Dockerfile
9     ports:
10      - "80:8080"
```

Docker 이미지가 어떤 OS와 버전에서 구동되는지 확인하는 법

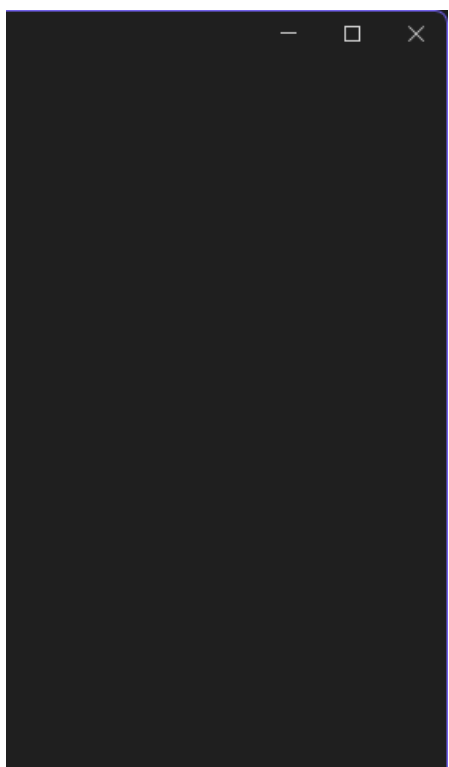
```
tmdgh@MINGW64 /c/DEV/DockerWebTest/DockerWebTest (master)
$ docker inspect parkseunghwan/dockerwebtest:latest
[
  {
    "Id": "sha256:56283394a2db96c98d2365ed333632523d082e11e014d3e0cdbc942d85b",
    "RepoTags": [
      "parkseunghwan/dockerwebtest:latest"
    ],
    "RepoDigests": [
      "parkseunghwan/dockerwebtest@sha256:56283394a2db96c98d2365ed333632523d082e11e014d3e0cdbc942d85b"
    ],
    "Parent": "",
    "Comment": "buildkit.dockerfile.v0",
    "Created": "2025-01-30T06:48:12.069510773Z",
    "DockerVersion": "27.4.0",
    "Author": "",
    "Config": {
      "Hostname": "",
      "Domainname": "",
      "User": ""
    }
  }
]
```

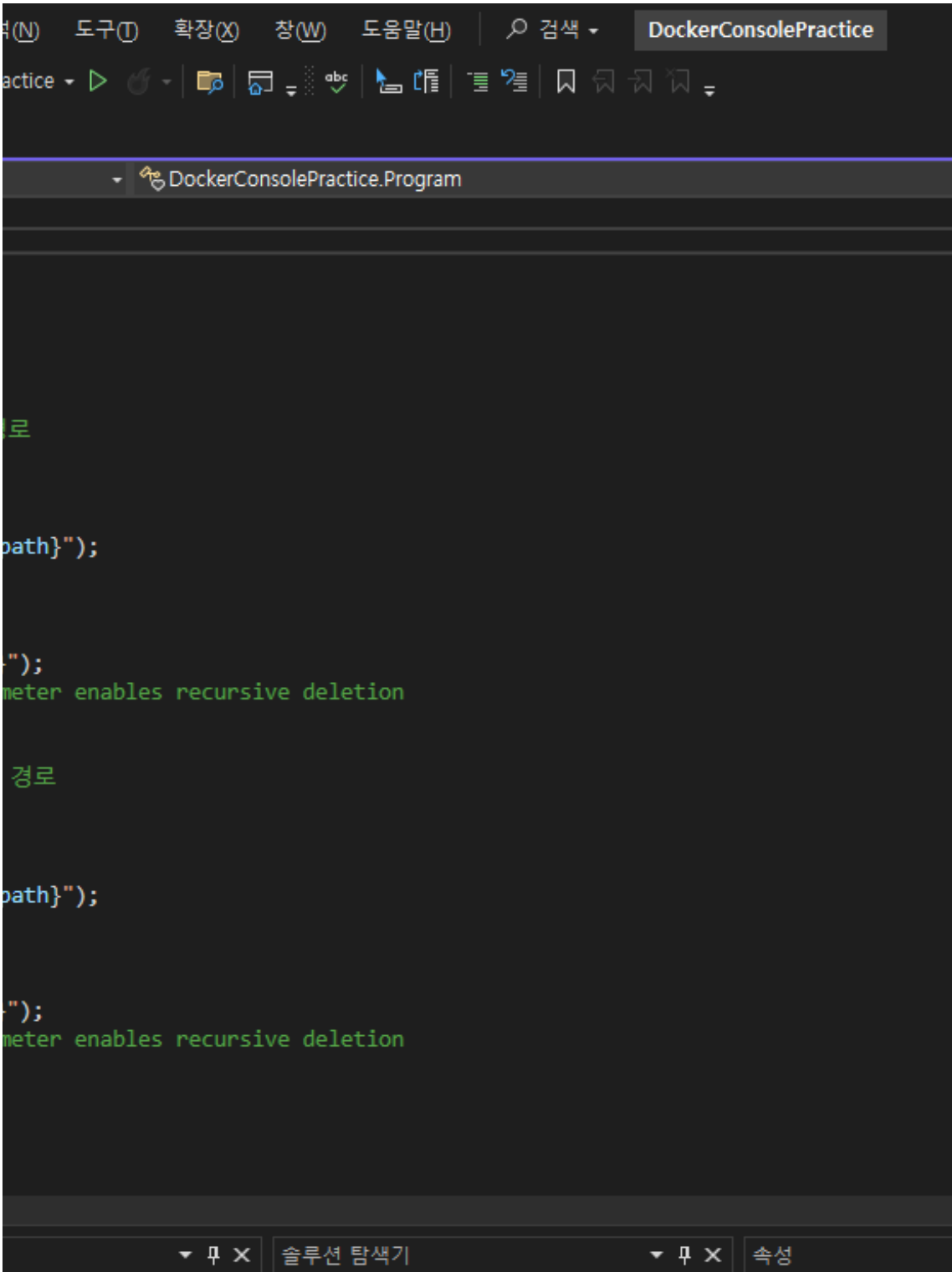
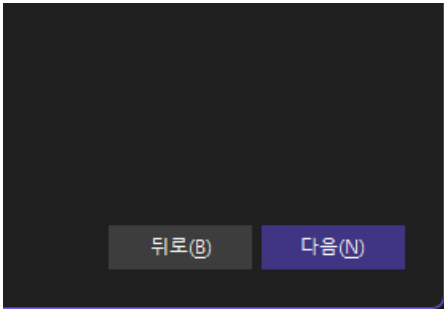
```
"User": "",
"AttachStdin": false,
"AttachStdout": false,
"AttachStderr": false,
"ExposedPorts": {
  "80/tcp": {}
},
"Tty": false,
"OpenStdin": false,
"StdinOnce": false,
"Env": [
  "PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",
  "APP_UID=1654",
  "ASPNETCORE_HTTP_PORTS=8080",
  "DOTNET_RUNNING_IN_CONTAINER=true",
  "DOTNET_VERSION=8.0.12",
  "ASPNET_VERSION=8.0.12"
],
"Cmd": null,
"Image": "",
"Volumes": null,
"WorkingDir": "/app",
"Entrypoint": [
  "dotnet",
```

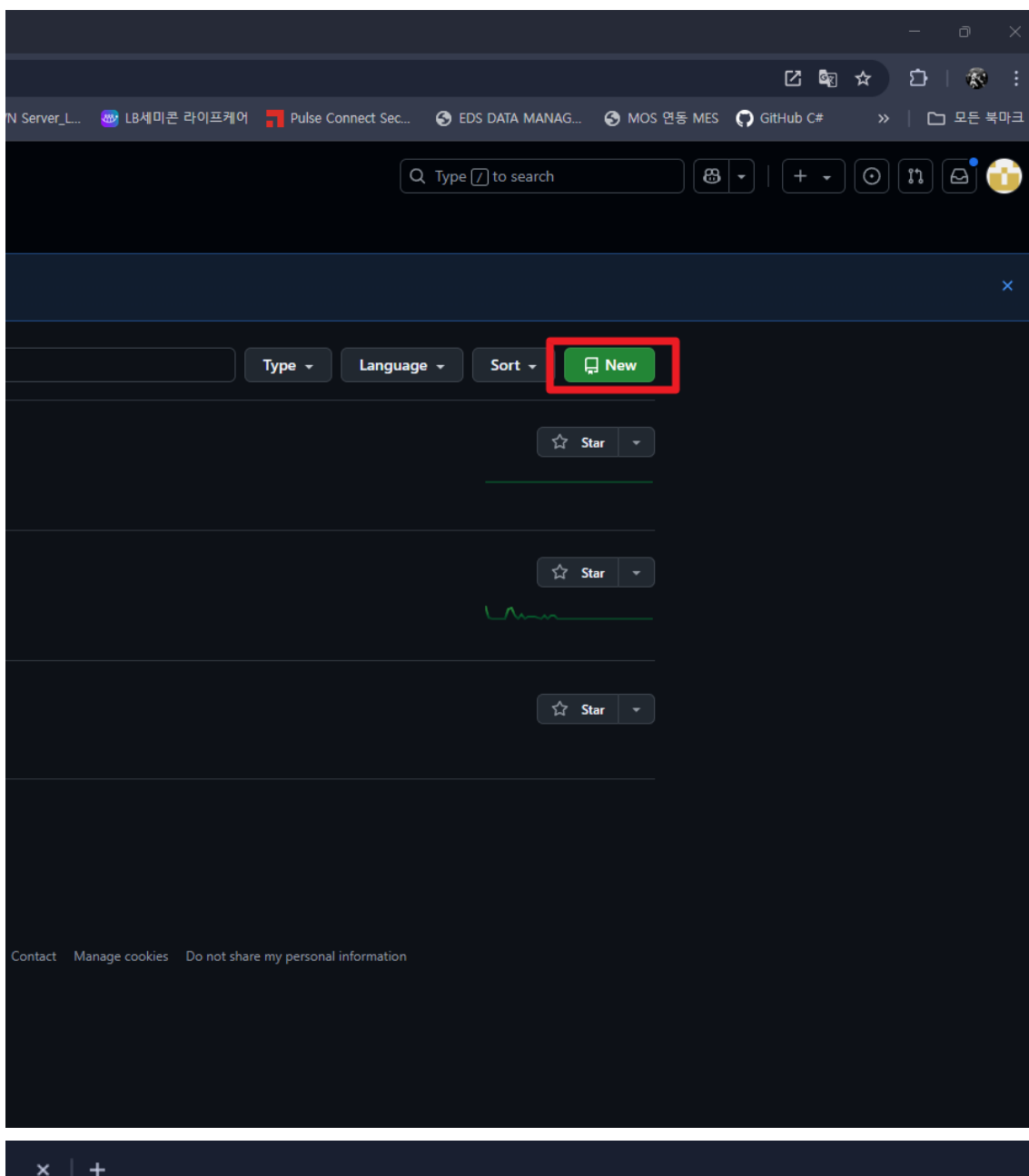
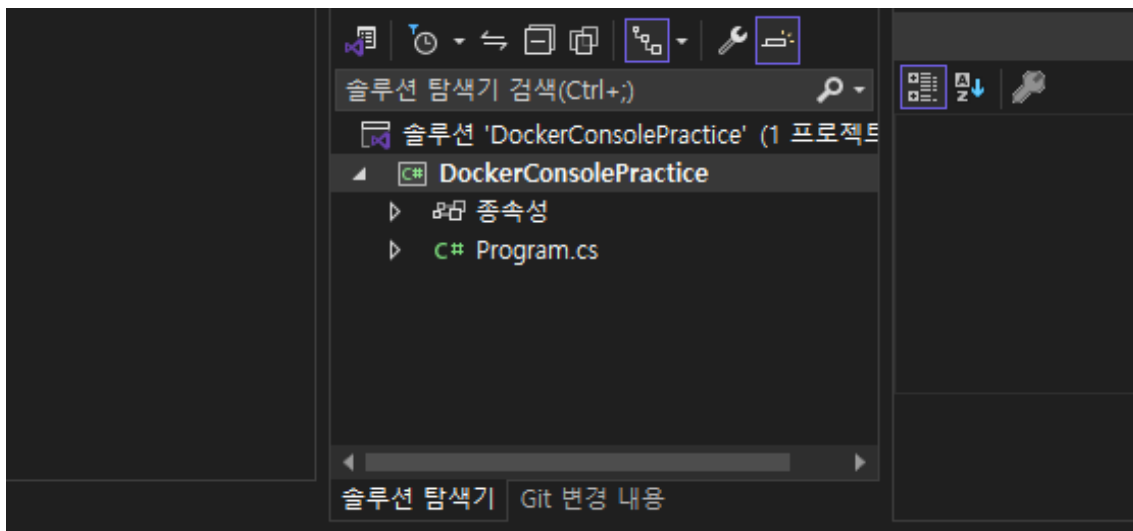


주의

1. .net framework는 리눅스 사용 안됨
2. .net core, .net 5 이상은 리눅스 사용 가능
3. 파일 경로 : Windows는 \를, Linux는 /를
4. Linux에서는 파일 및 디렉토리에 대한 권한







부 자동화 이... 컴퓨터 vs 책 VisualSVN Server_L... LB세미콘 라이프케어 Pulse Connect Sec...

Create new repository

Contains all project files, including the revision history. Already have a project repository elsewhere? [Learn more.](#)

Names marked with an asterisk () are required.*

Repository name *

DockerArrangement

✓ DockerArrangement is available.

Names should be short and memorable. Need inspiration? How about [shiny-octo-enigma](#) ?

(Optional)

Anyone on the internet can see this repository. You choose who can commit.

Choose who can see and commit to this repository.

Repository with:

README file

You can write a long description for your project. [Learn more about READMEs.](#)

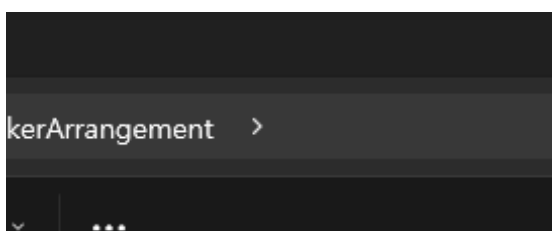
License: **None**

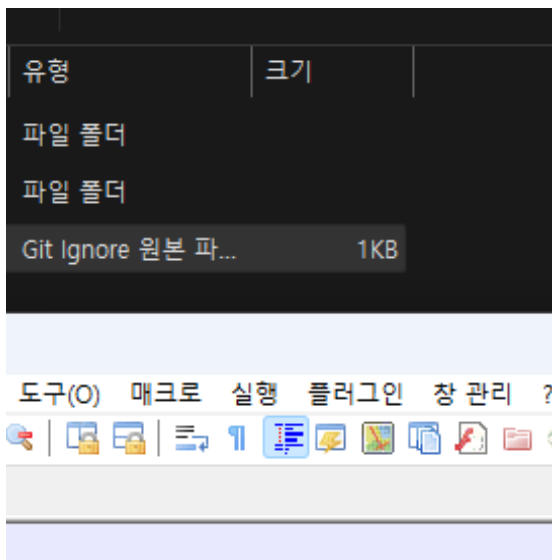
Not to track from a list of templates. [Learn more about ignoring files.](#)

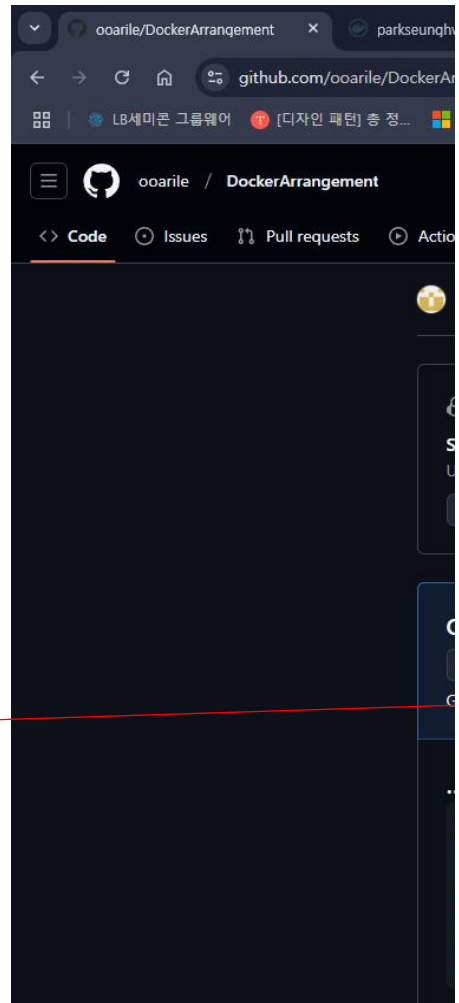
What they can and can't do with your code. [Learn more about licenses.](#)

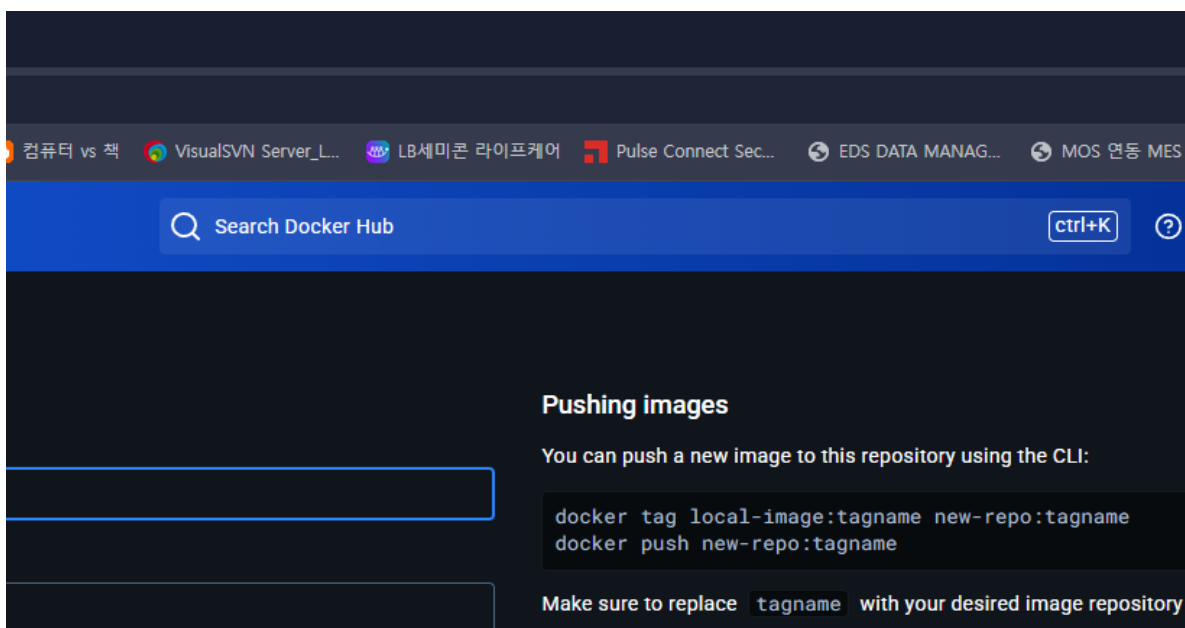
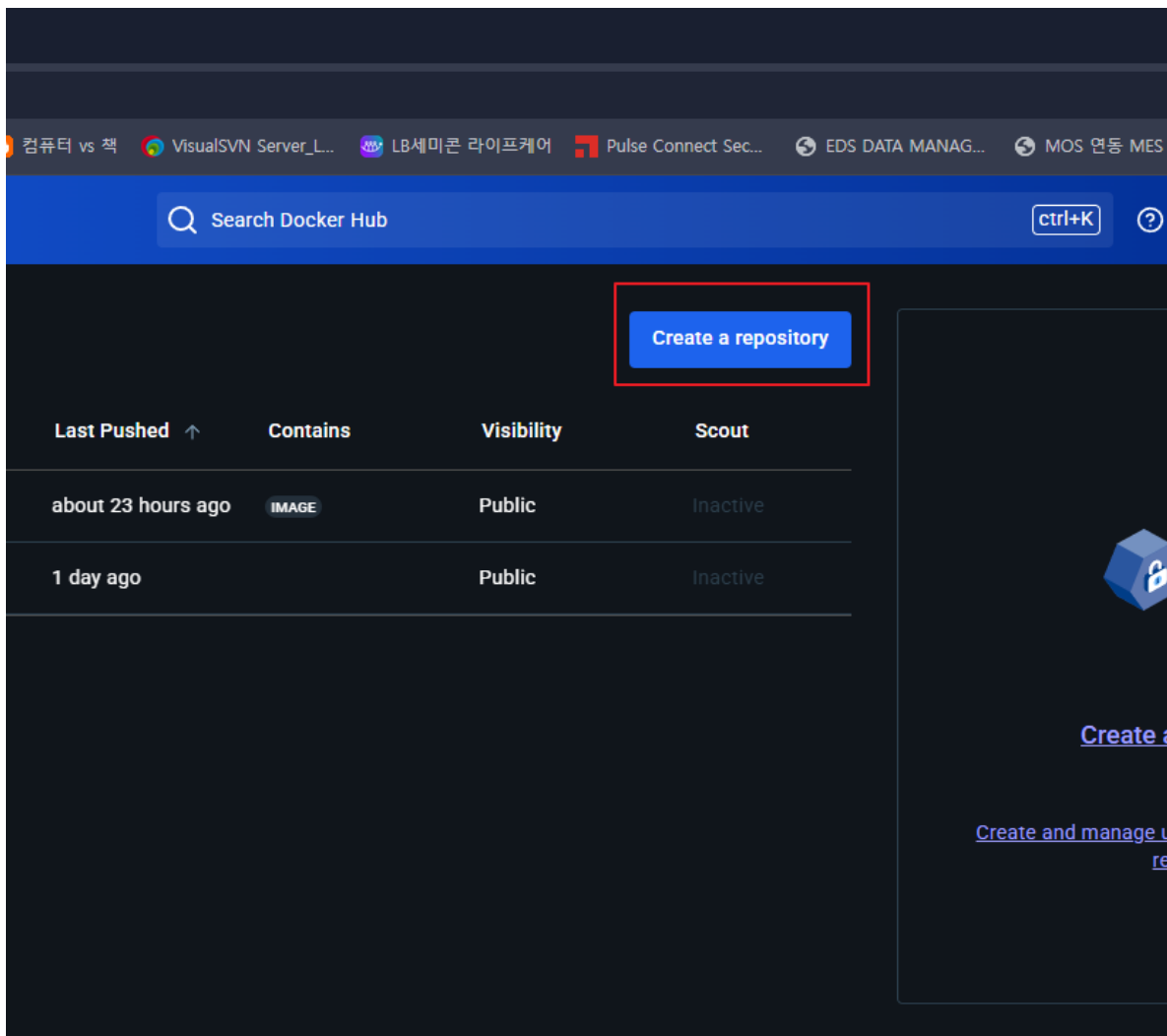
Creating a public repository in your personal account.

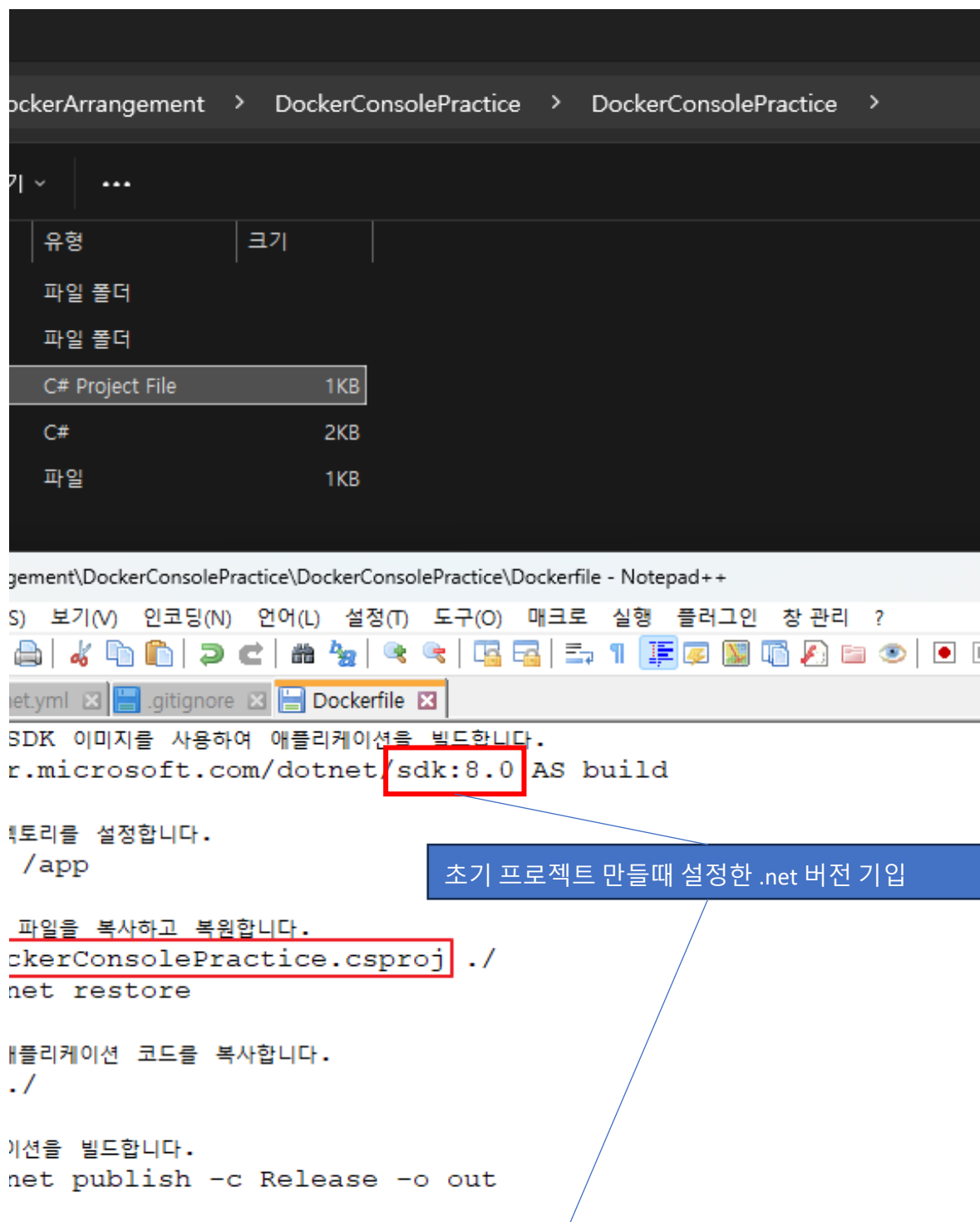
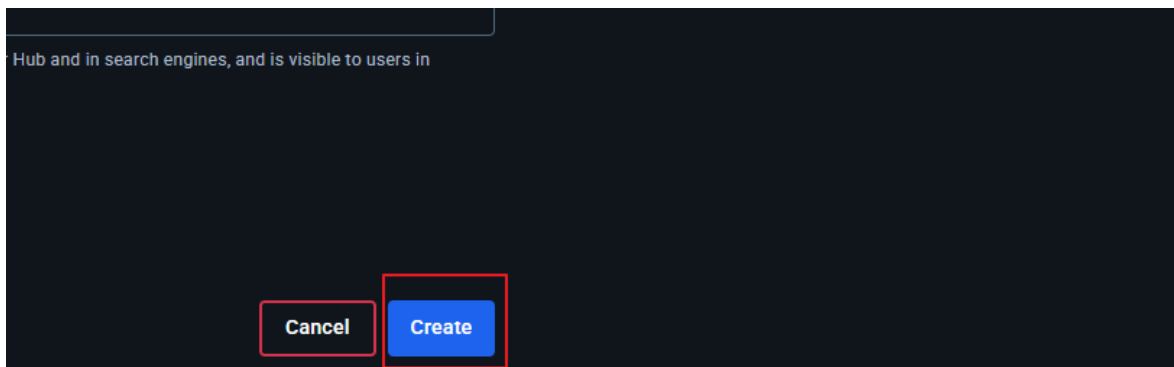
Create repository







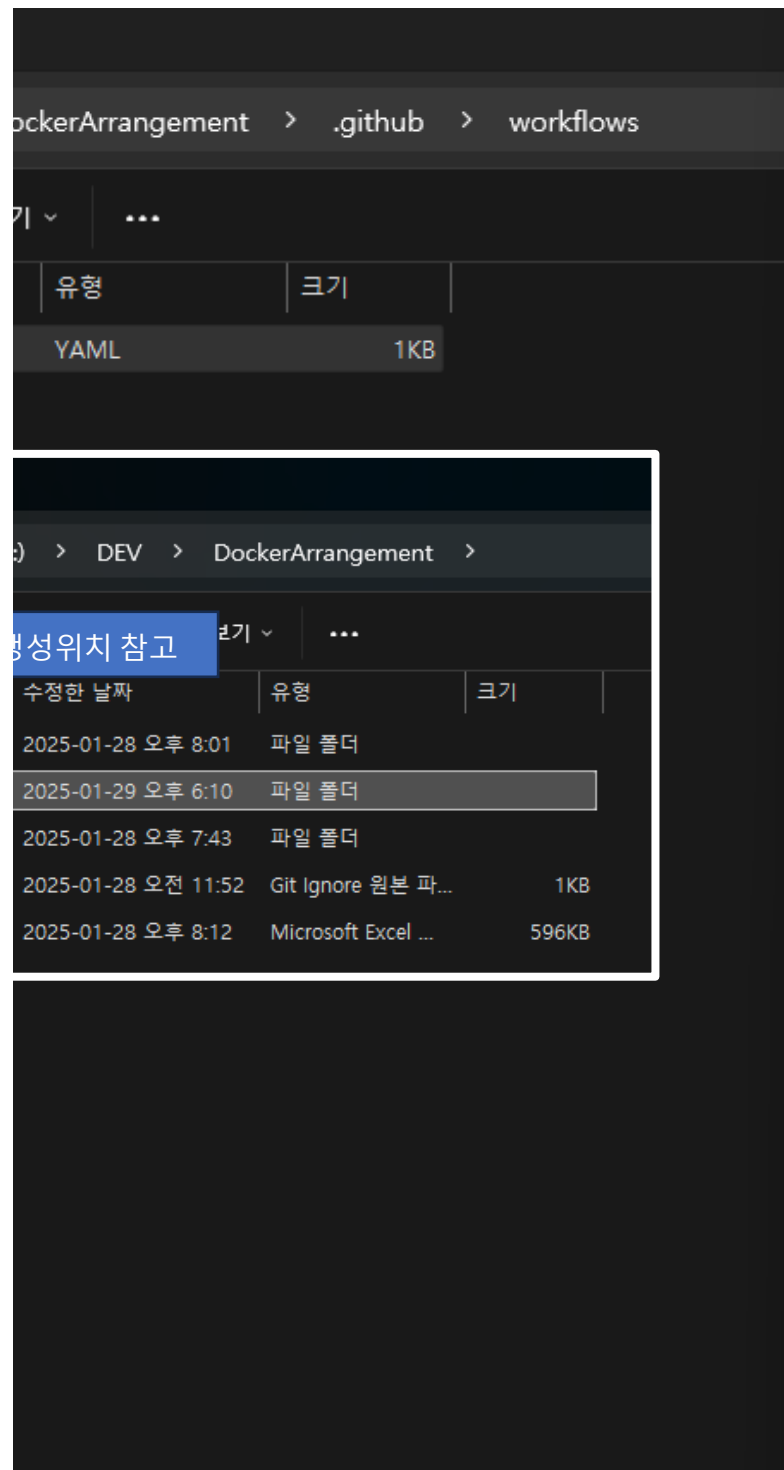




이제
r.microsoft.com/dotnet/runtime:8.0
/app
from=build /app/out .

이션을 실행하는 명령어

INT ["dotnet", "DockerConsolePractice.dll"]





lePractice

DockerConsolePractice

기

...

세부 정보

유형	크기
파일 폴더	
파일 폴더	
C# Project File	1KB
파일	1KB
C#	2KB

parkseunghwan/dock

← → ↺ 🏠 ⓘ

🍷 | 🌐 LB세미콘 그룹웨어

dockerhub

parkseunghwan / Rep

parkseunghwan/

Created about 8 hours ago

Add a description ⓘ

Add a category ⓘ

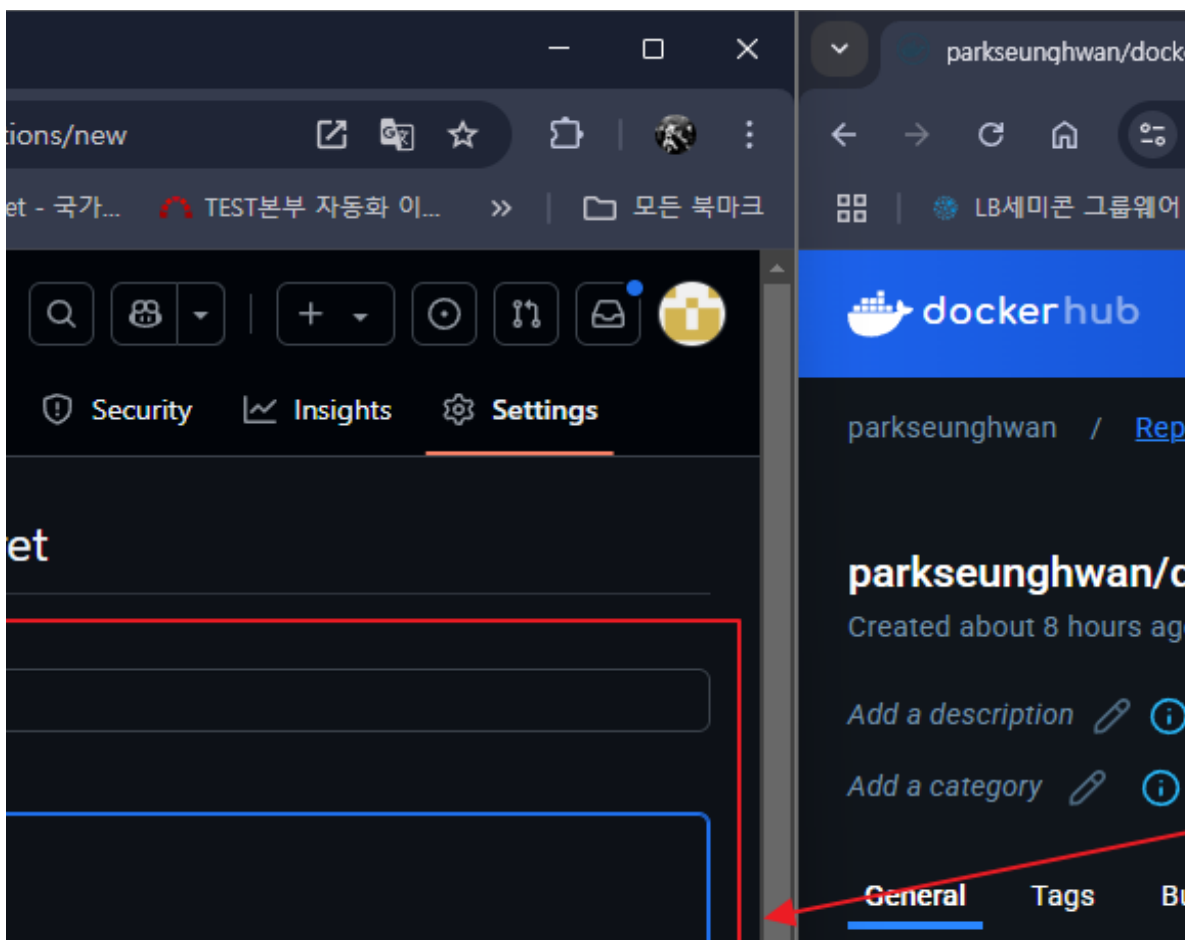
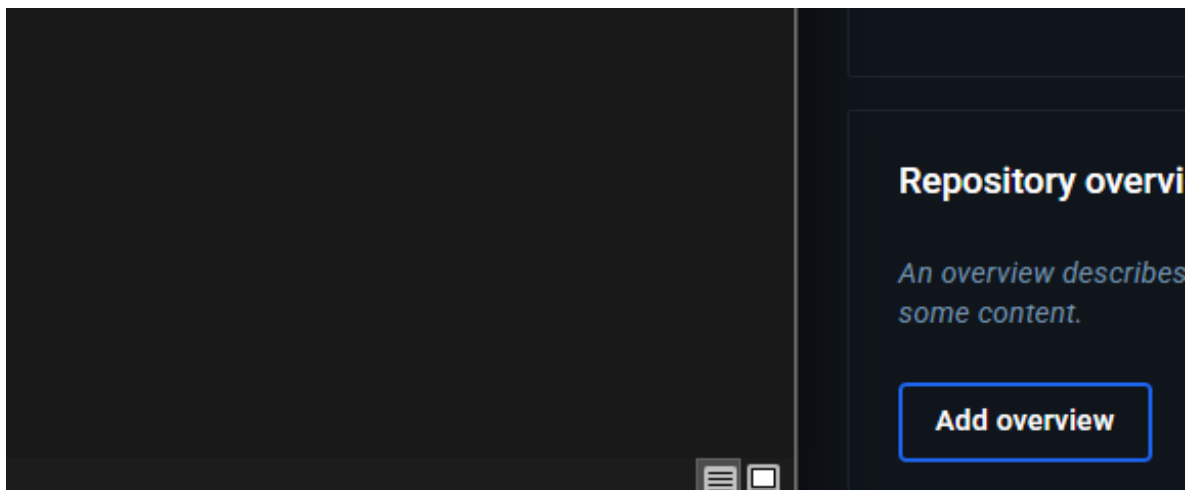
General

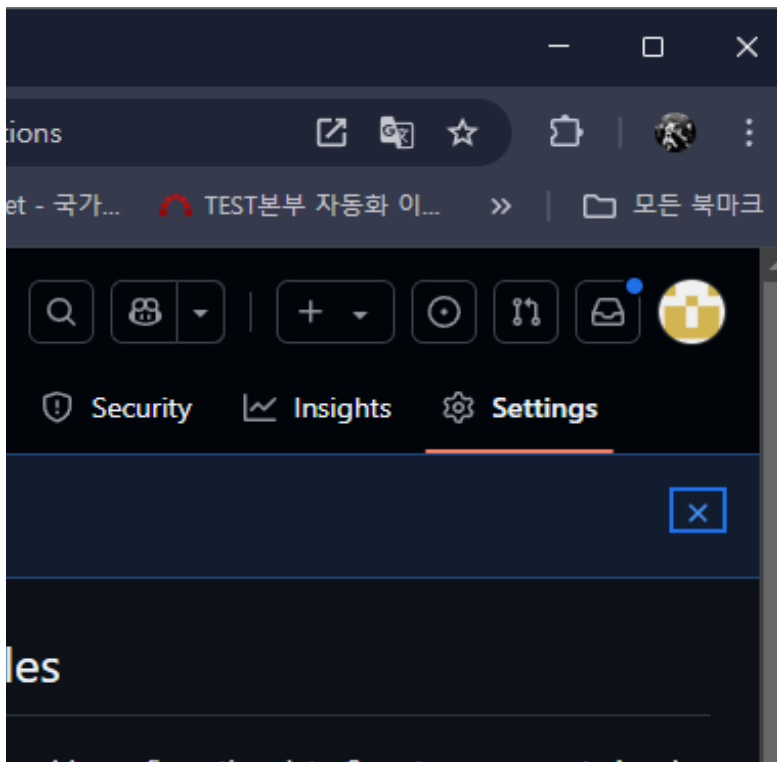
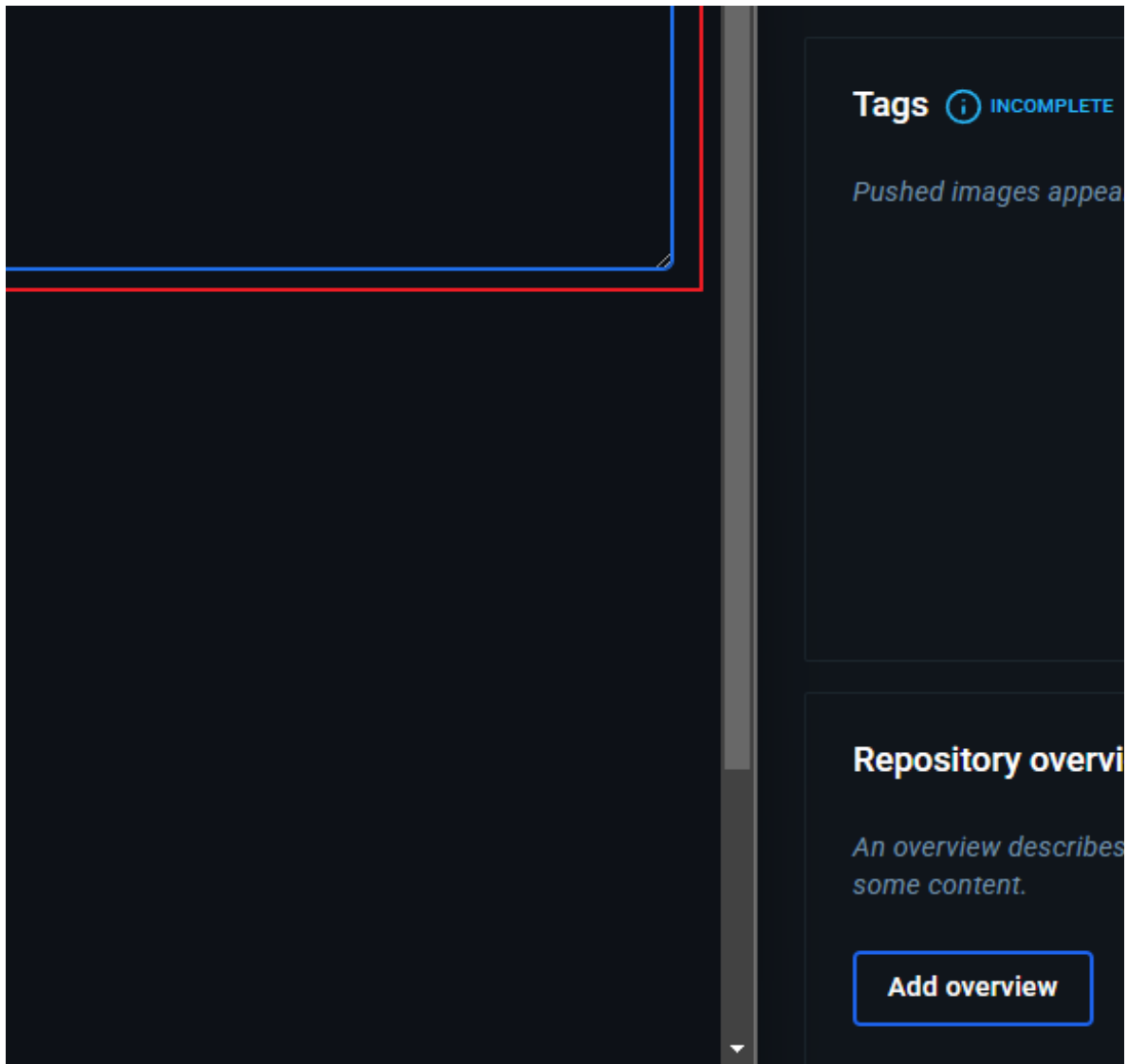
Tags

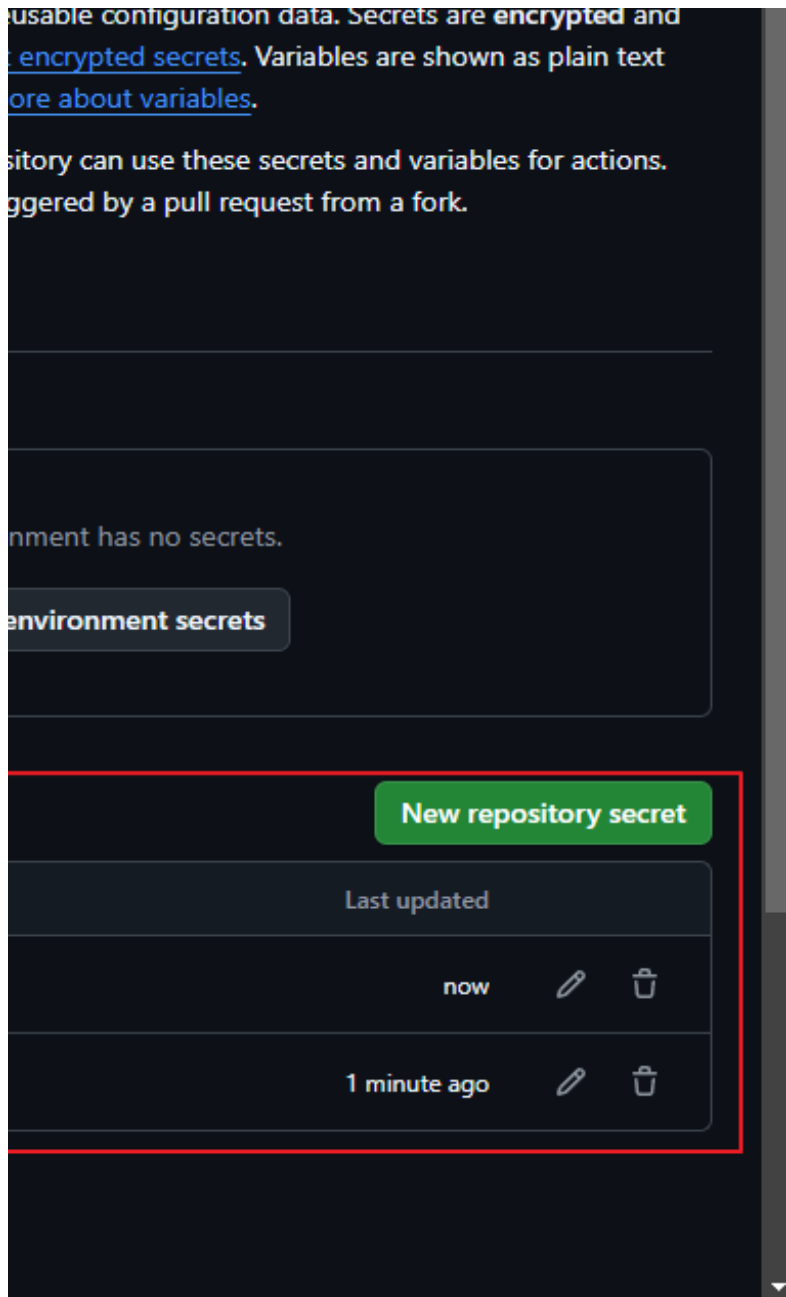
Builds

Tags ⓘ INCOMPLETE

Pushed images appear

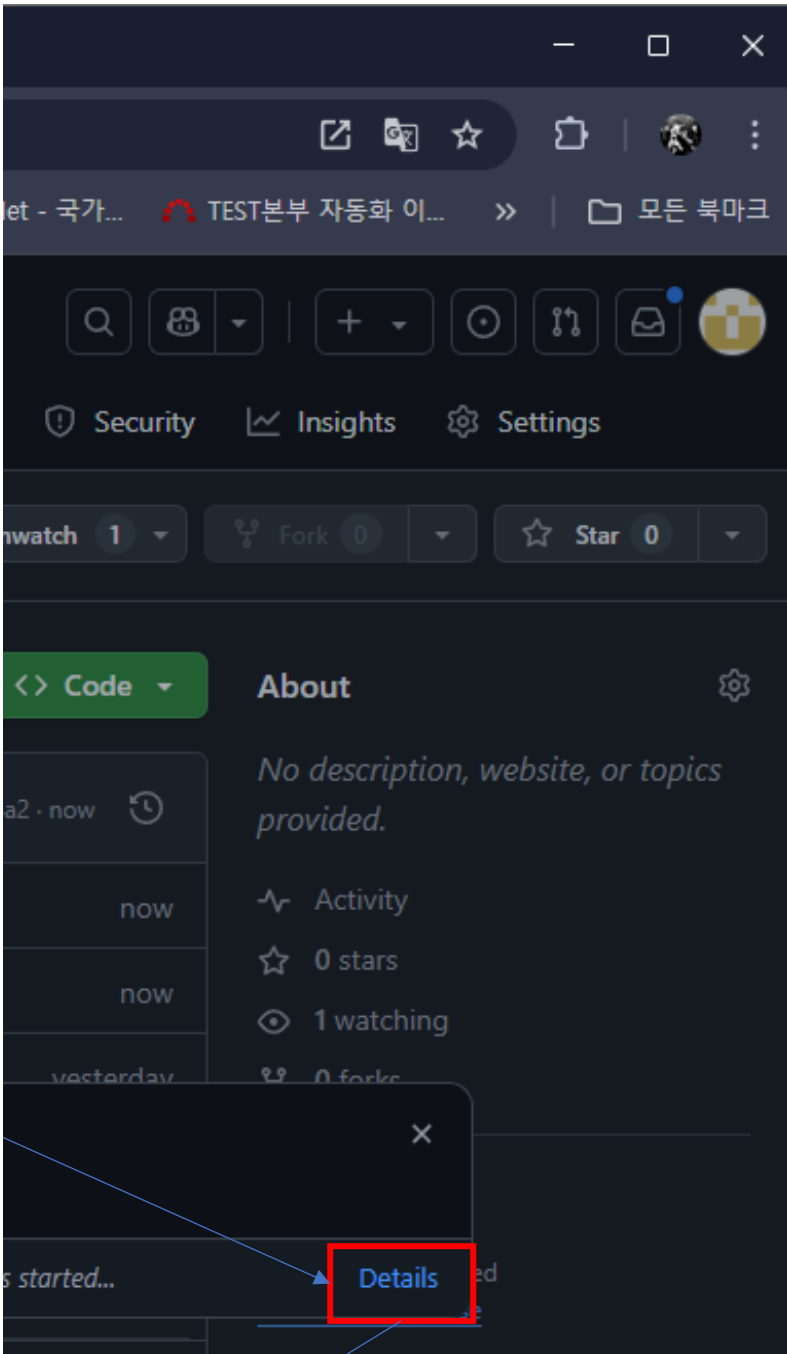


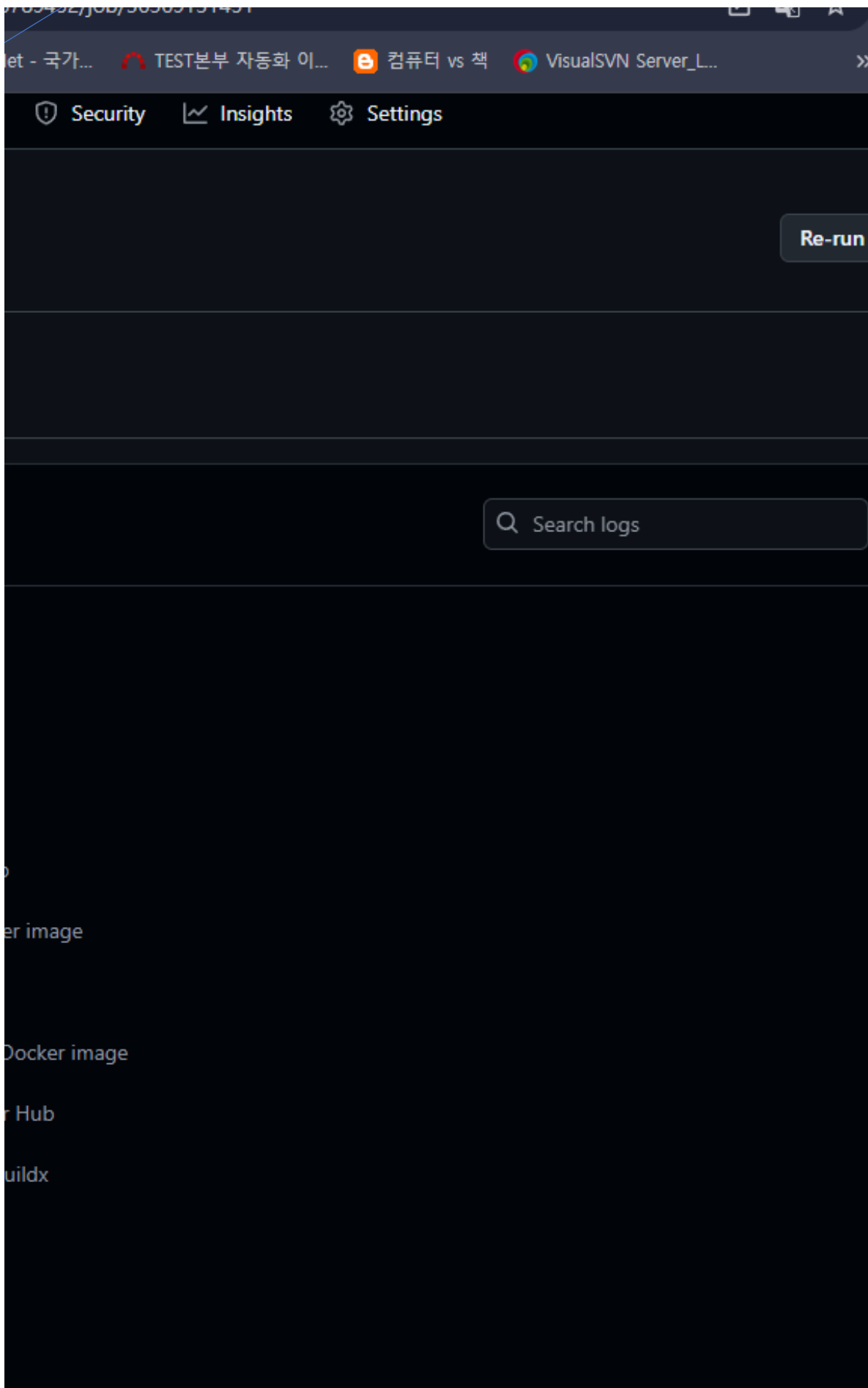




er Hub에 푸시합니다.
습니다.

\353\223\234 \353\260\251\353\262\





—□×

arrangement/general

☆

모든 북마크

Public view

Docker commands

To push a new tag to this repository:

```
docker push parkseunghwan/docke  
rarrangement:tagname
```

Automated builds

Manually pushing images to Docker Hub?
Connect your account to GitHub or Bitbucket to
automatically build and tag new images
whenever your code is updated, so you can
focus your time on creating.

Available with Pro, Team and Business
subscriptions. [Read more about automated
builds](#).

Upgrade

고 실행할 수 있습니다. 다음은 기본적인 명령어입니다:

← Ask

Copy

▶ Run

AskCopyRun

bash

ickview parkseunghwan/dockerarrangement:latest

docker

Containers

Images

Volumes

Builds

Dev

Docker

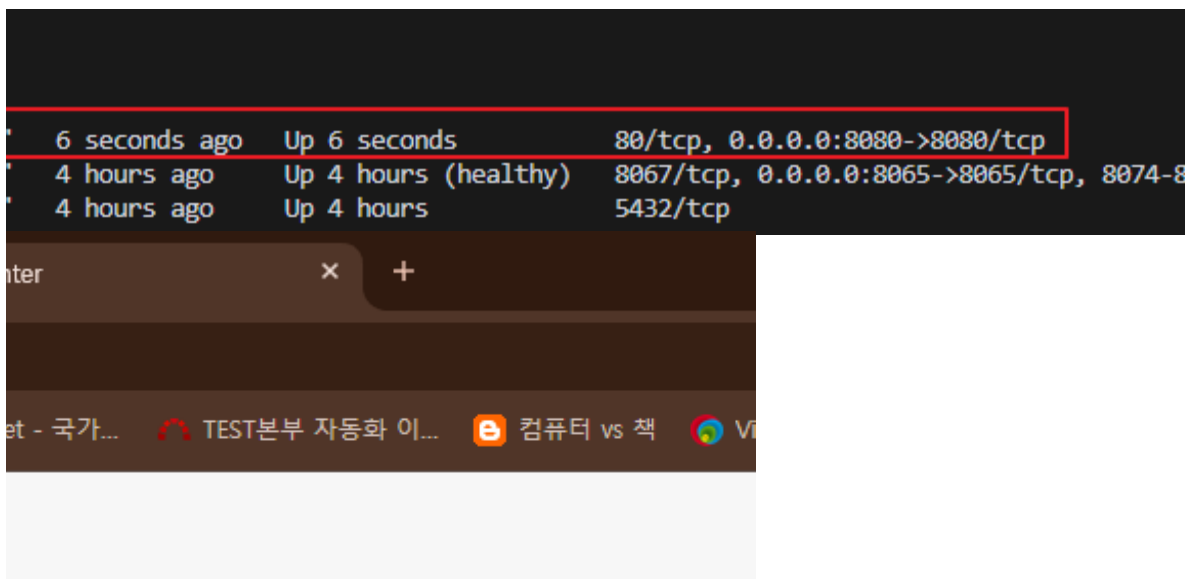
Extensions

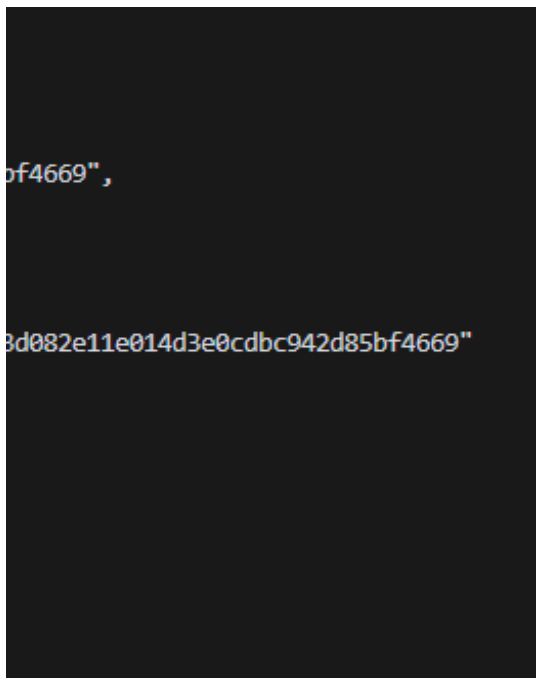
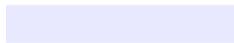
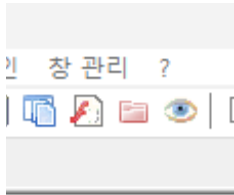
+

Add

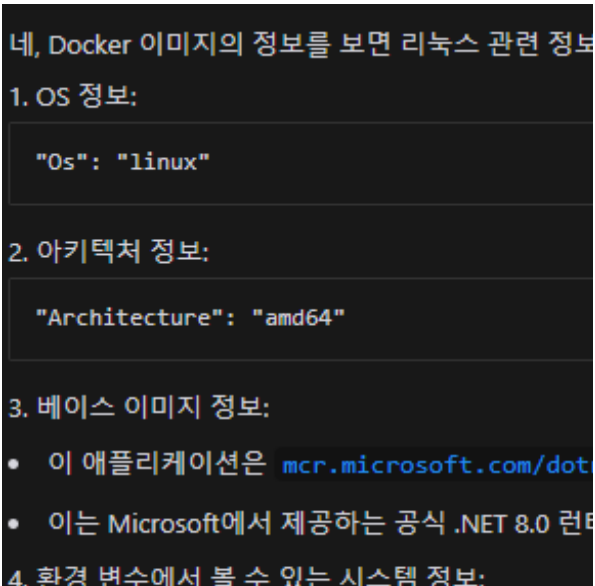
CREATED	STATUS	PORTS	NAMES
About a minute ago	Exited (0) About a minute ago		gifted_sutherland

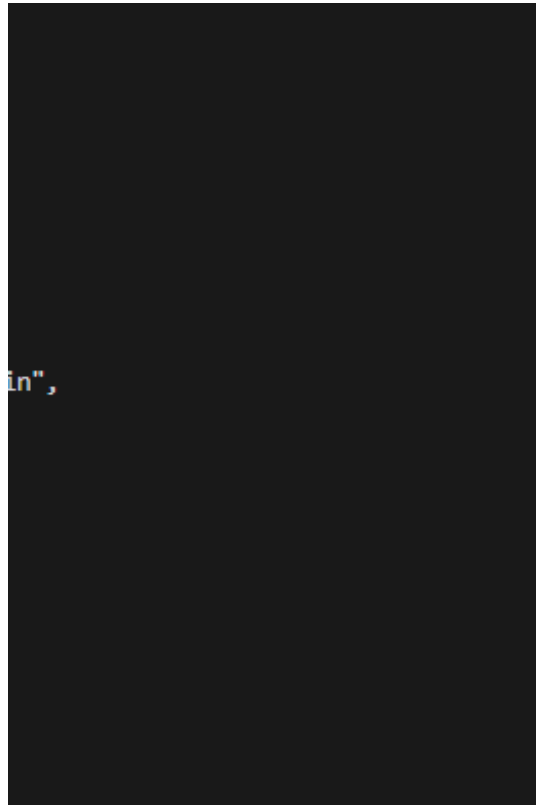
한번만 실행되고 끝





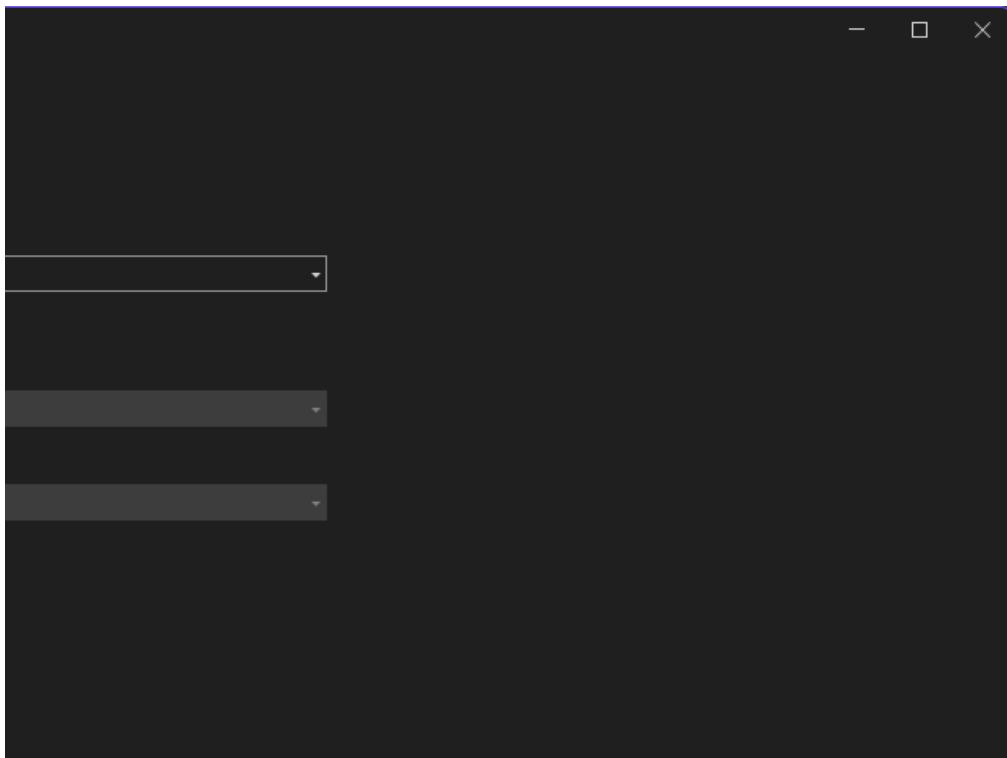
docker inspect parkseunghwan/dockerwe





```
이 환경에서 실행할 수 있는 명령어는,  
  
"Env": [  
  "PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",  
  ...  
]  
  
이 이미지는 Linux 컨테이너이며, x86_64(amd64) C  
베이스 이미지인 mcr.microsoft.com/dotnet/a
```


! 설정이 Windows와 다를 수 있으므로, 파일 접근 시 권한 문제를 확인해야 합니다.



뒤로(B)

만들기(C)

Set up GitHub Copilot

Use GitHub's AI pair programmer to autocomplete suggestions a

Get started with GitHub Copilot

Quick setup — if you've done this kind of thing

 Set up in Desktop

or

HTTPS

SSH

<https://github.com>

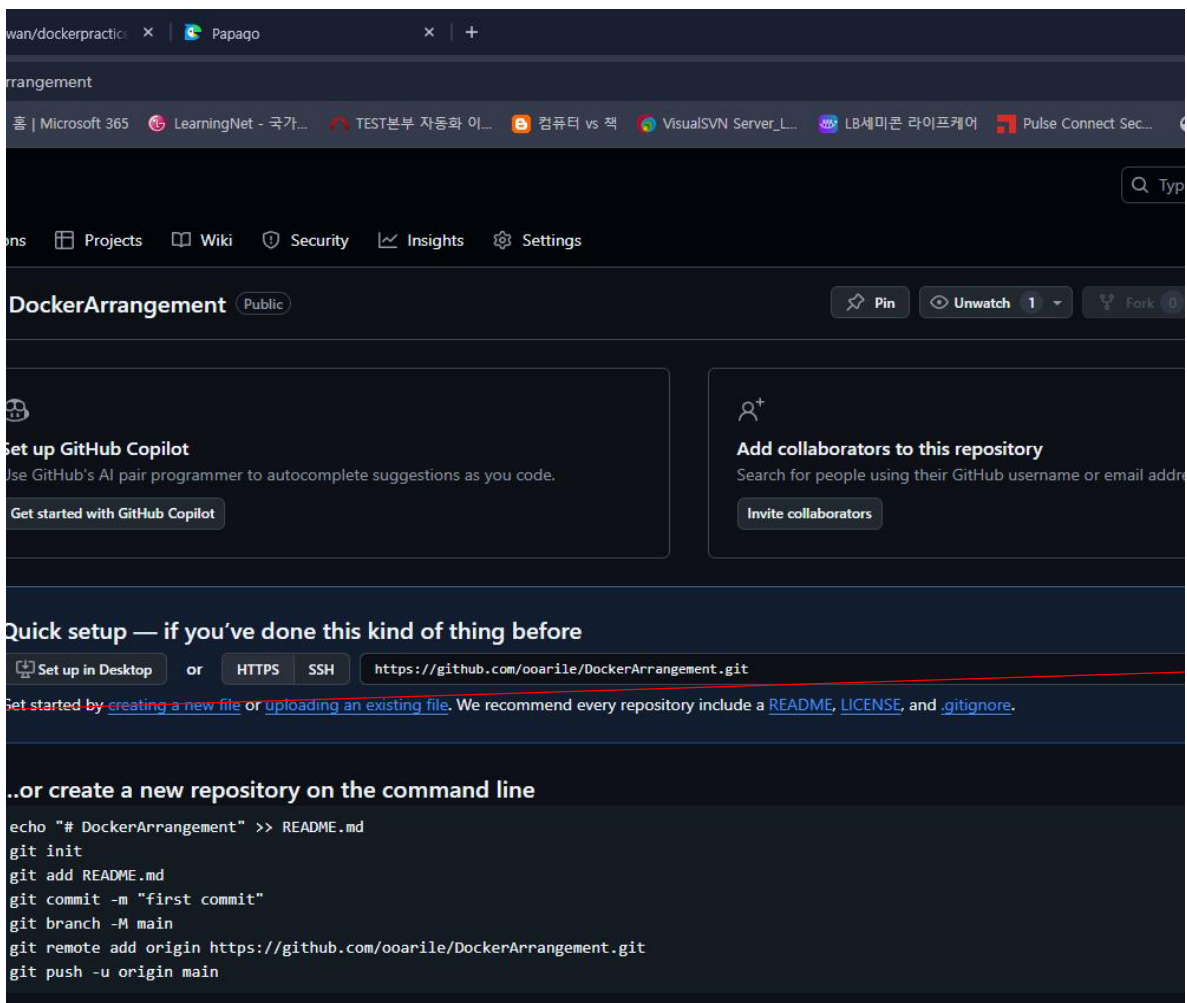
Get started by [creating a new file](#) or [uploading an existing file](#). We

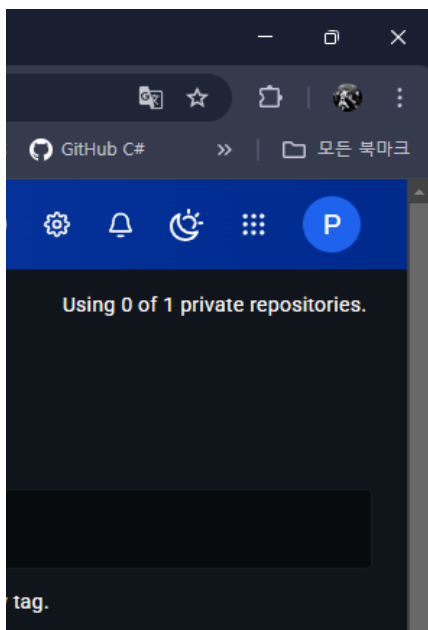
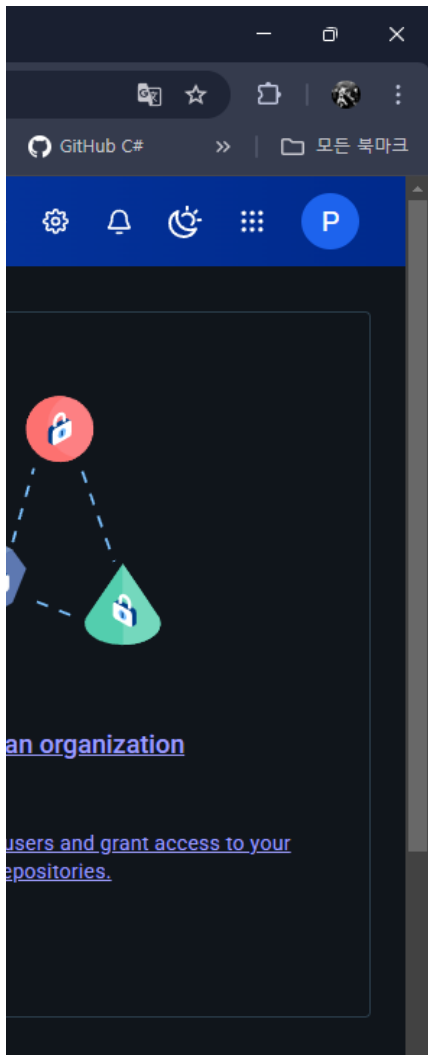
...or create a new repository on the command line

```
echo "# DockerArrangement" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/ooarile/Do
git push -u origin main
```

...or push an existing repository from the console

```
git remote add origin https://github.com/ooarile/Do
git branch -M main
git push -u origin main
```



```
# .NET SDK 이미지를 사용하여 애플리케이션을 빌드합  
FROM mcr.microsoft.com/dotnet/sdk:8.0 AS build
```

```
# 작업 디렉토리를 설정합니다.  
WORKDIR /app
```

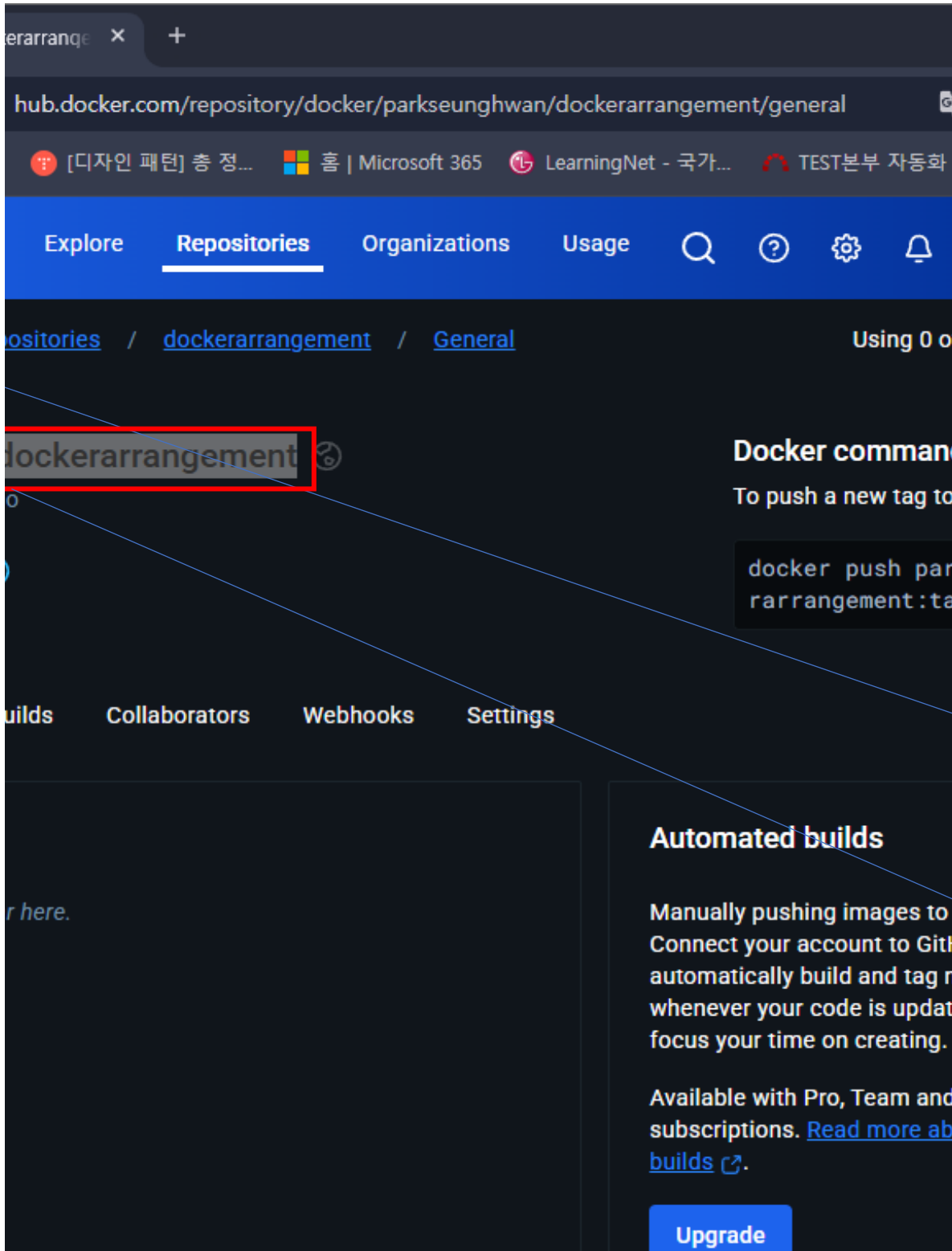
```
# 프로젝트 파일을 복사하고 복원합니다.  
COPY DockerConsolePractice.csproj ./  
RUN dotnet restore
```

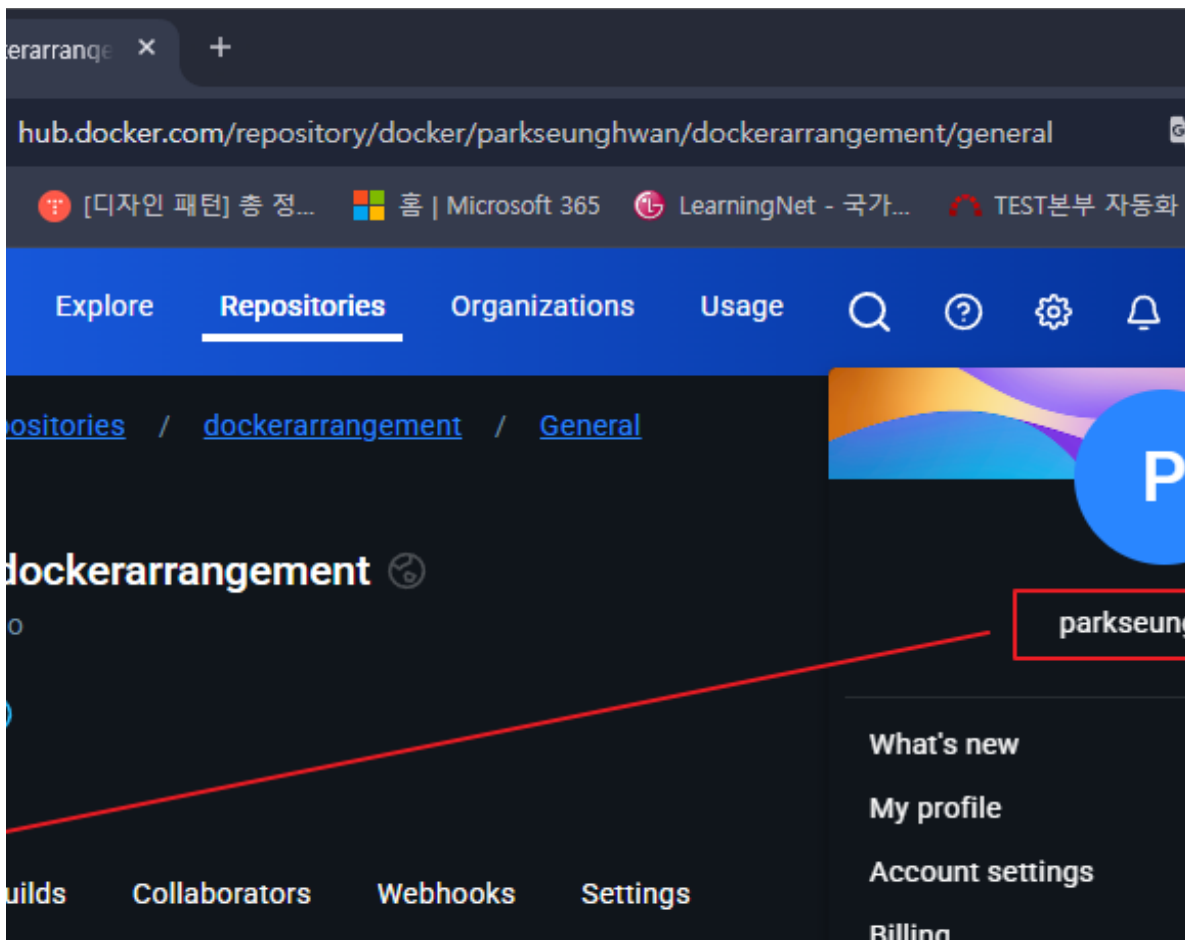
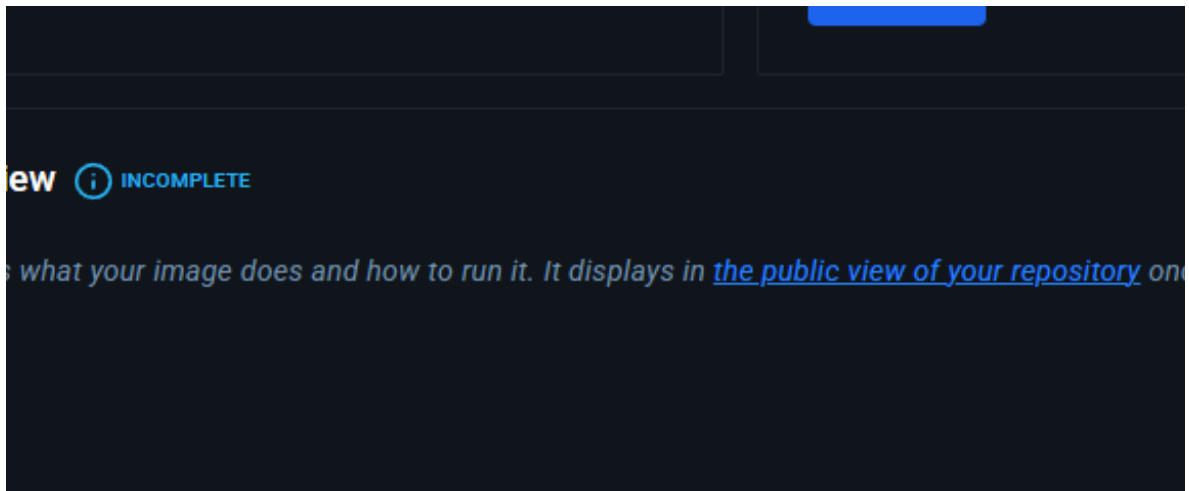
```
# 나머지 애플리케이션 코드를 복사합니다.  
COPY . ./
```

```
# 애플리케이션을 빌드합니다.  
RUN dotnet publish -c Release -o out
```

```
# 최종 이미지  
FROM mcr.microsoft.com/dotnet/runtime:8.0  
WORKDIR /app  
COPY --from=build /app/out .
```

```
# 애플리케이션을 실행하는 명령어  
ENTRYPOINT ["dotnet", "DockerConsolePractice.dll"]
```



Signing

A

Sign out

r here.

Manually pushing images to
Connect your account to GitHub Actions to automatically build and tag new releases whenever your code is updated. This lets you focus your time on creating.

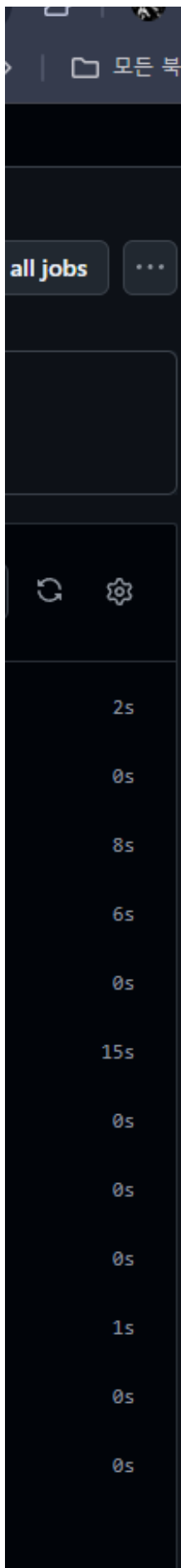
Available with Pro, Team and Enterprise subscriptions. [Read more about GitHub Actions builds](#) ↗.

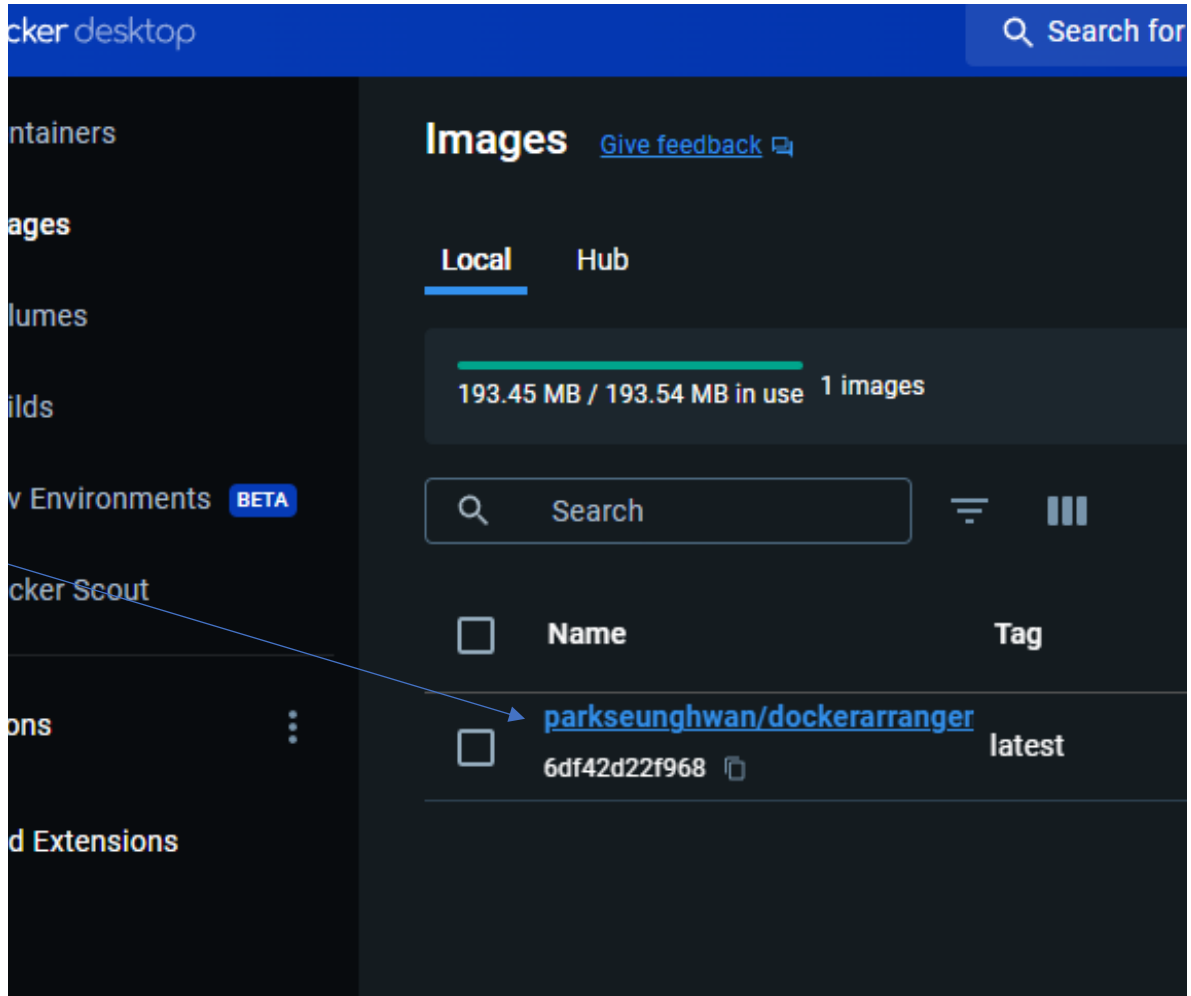
Upgrade

ew ⓘ INCOMPLETE

s what your image does and how to run it. It displays in [the public view of your repository](#) on







```
8075/tcp    dazzling_hodgkin  
            dockerarrangement-app-1  
            dockerarrangement-db-1
```

본을 확인할 수 있습니다:

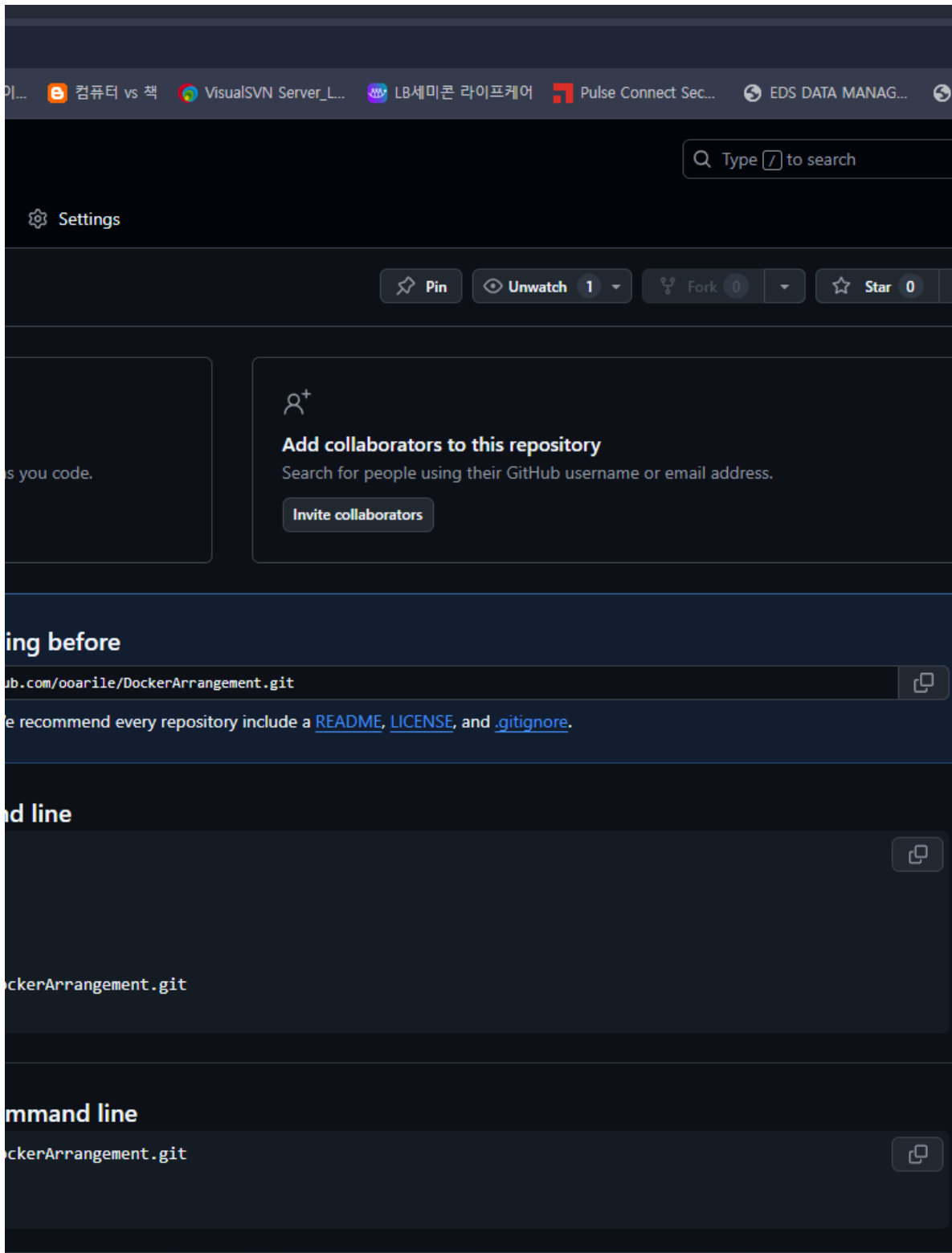
`net/aspnet:8.0`를 베이스 이미지로 사용하고 있습니다.

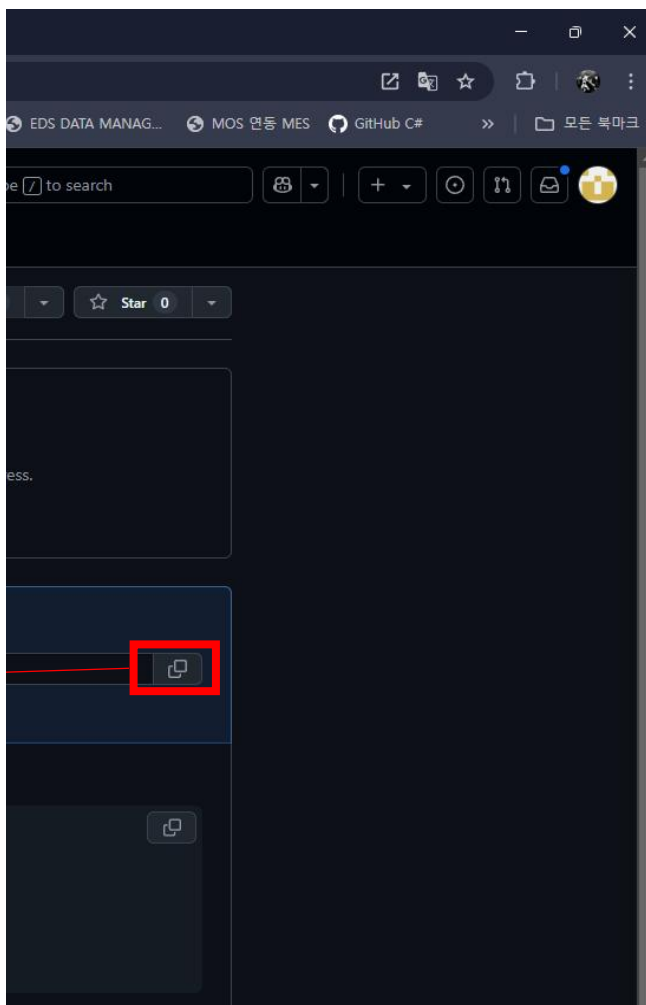
타임 이미지이며, Debian Linux를 기반으로 합니다.

```
/usr/sbin:/usr/bin:/sbin:/bin",
```

아키텍처에서 실행되도록 빌드되었습니다. 구체적인 Linux 배포판 버전은 `aspnet:8.0`에 따라 결정되며, 이는 Debian Linux를 기반으로 합니다.







이... >> | 모든 북마크

Public view

of 1 private repositories.

ds

to this repository:

rkseunghwan/docke

tagname

Docker Hub?

Hub or Bitbucket to

new images

ted, so you can

d Business

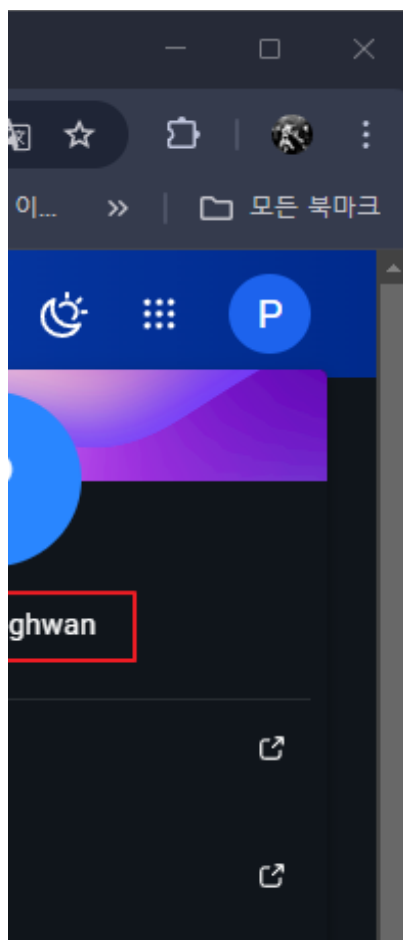
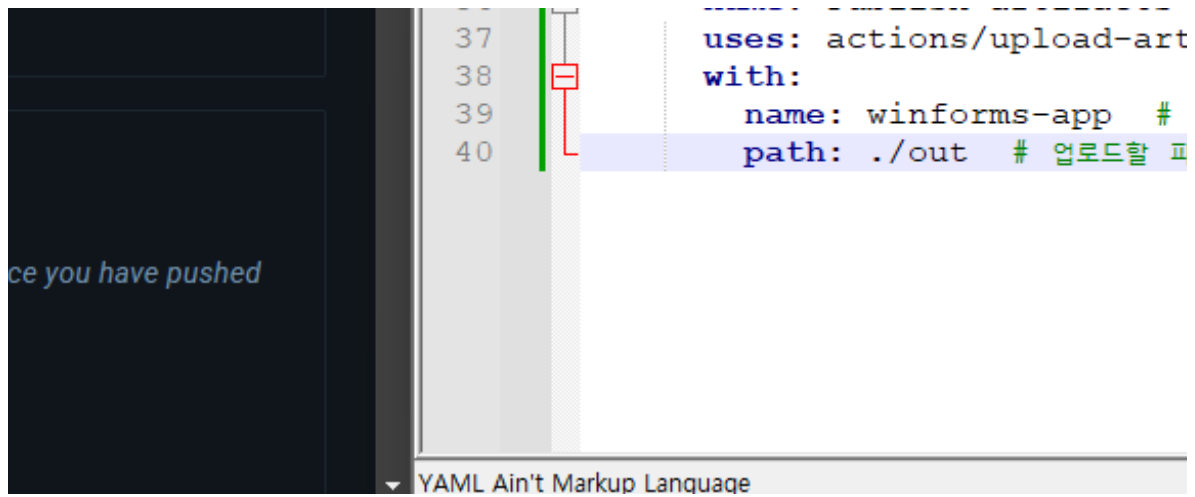
out automated

*C:\DEV\DockerArrangement\github\workflows\dotnet.yml - Not

파일(F) 편집(E) 찾기(S) 보기(V) 인코딩(N) 언어(L) 설정(T)

새로운 1 x dotnet.yml x .gitignore x Dockerfile

```
1 name: Build and Deploy # 워크플
2
3 on:
4   push:
5     branches: [ master ] # ma
6
7 jobs:
8   build:
9     runs-on: ubuntu-latest #
10
11    steps:
12      - name: Checkout code #
13        uses: actions/checkout@v
14
15      - name: Set up .NET # .NE
16        uses: actions/setup-dotr
17        with:
18          dotnet-version: '8.0.x
19
20      - name: Set up Docker Buil
21        uses: docker/setup-build
22
23      - name: Log in to Docker E
24        uses: docker/login-actio
25        with:
26          username: ${ secrets.
27          password: ${ secrets.
28
29      - name: Build and push Doc
30        uses: docker/build-push-
31        with:
32          context: ./DockerConsc
33          push: true #
34          tags: parkseunghwan/dc
35
36      - name: Publish artifacts
```










Docker Hub?
Hub or Bitbucket to
new images
ted, so you can




d Business
[bout automated](#)

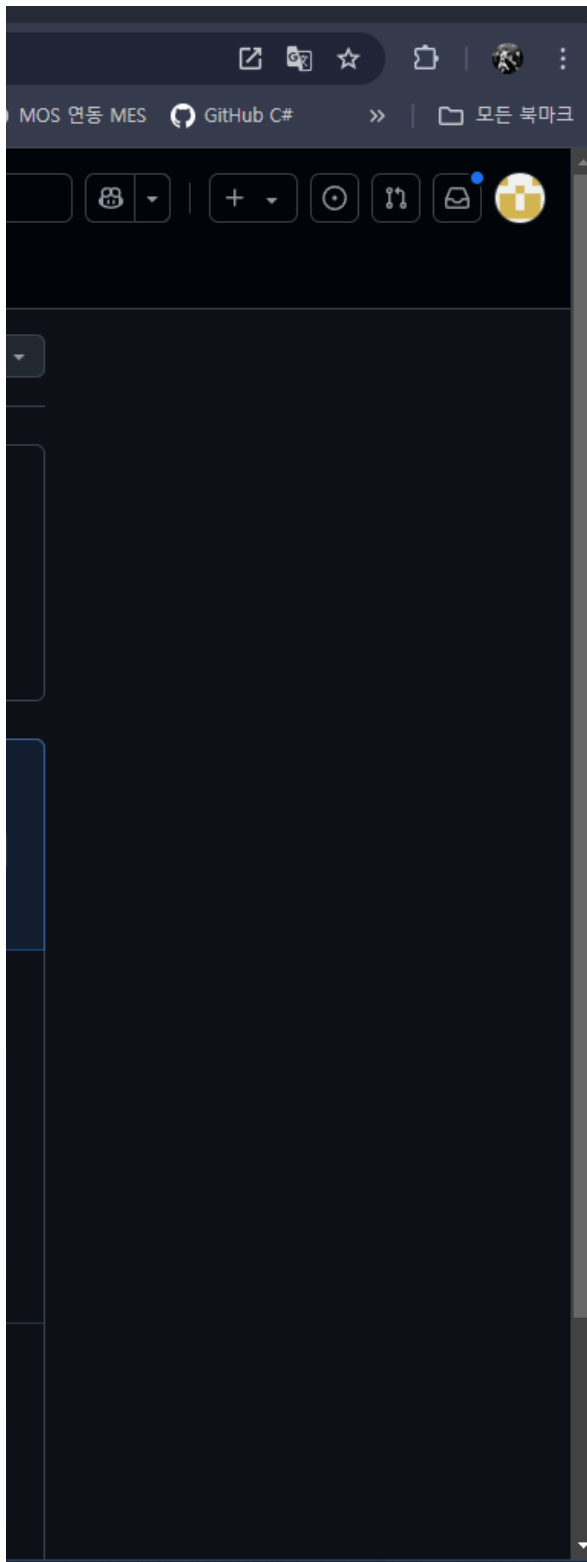
ce you have pushed

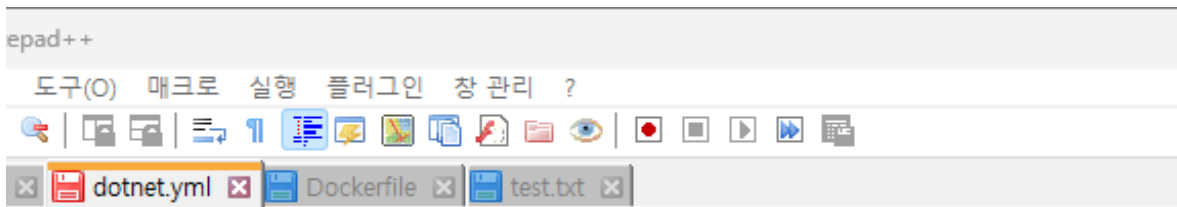


images, containers, volume... Ctrl+K     P  

Last refresh: 9 hours ago 

Status	Created	Size	Actions
In use	4 minutes ago	193.45 MB	  





로우의 이름을 설정합니다.

master 브랜치에 푸시될 때 워크플로우가 트리거됩니다.

워크플로우가 실행될 환경을 설정합니다. 여기서는 최신 우분투를 사용합니다.

코드를 체크아웃하는 단계입니다.

```
out2 # GitHub Actions의 체크아웃 액션을 사용합니다.
```

DOTNET 환경을 설정하는 단계입니다.

```
out2@v2 # .NET 설정 액션을 사용합니다.
```

```
out2' # 사용할 .NET 버전을 지정합니다.
```

Buildx를 설정하는 단계입니다.

```
out2@v1 # Docker Buildx 설정 액션을 사용합니다.
```

Docker Hub에 로그인하는 단계입니다.

```
out2@v1 # Docker 로그인 액션을 사용합니다.
```

```
out2.DOCKER_USERNAME }} # Docker Hub 사용자 이름을 GitHub Secrets에서
```

```
out2.DOCKER_PASSWORD }} # Docker Hub 비밀번호를 GitHub Secrets에서
```

Docker 이미지를 빌드하고 푸시하는 단계입니다.

```
out2@v2 # Docker 빌드 및 푸시 액션을 사용합니다.
```

```
out2DockerConsolePractice # Docker 빌드 컨텍스트를 설정합  
out2를 Docker Hub에 푸시합니다.
```

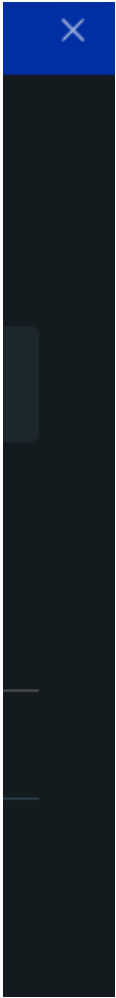
```
out2Dockerarrangement:latest # Docker 이미지에 태그를 지정합니다.
```

```
out2 # 빌드 산출물을 업로드하는 단계입니다.
```

```
"""
=====
:ifact@v3 # 아티팩트 업로드 액션을 사용합니다.
```

```
업로드할 아티팩트의 이름을 지정합니다.
파일의 경로를 지정합니다.
```

length : 2,245	lines : 40	Ln : 40	Col : 43	Pos : 2,246	W
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해서 가져옵니다.
가져옵니다.

니다.



/indows (CR LF) UTF-