### 포팅 매뉴얼

**구미 1반 D107**

* 유형민, 이성모, 현수연, 황윤정, 김익환

**버전**

Java 21.0.1

Spring boot 3

Gradle 8.5

React.ts 18.2

nodejs-20.11.1

Jenkins:lts, Nginx:lts, MySQL:lts

### Login 정보

### 소셜 로그인

// 카카오

public ClientRegistration kakaoClientRegistration() {

return ClientRegistration.withRegistrationId("kakao")

.clientId({clientId})

.clientSecret({clientSecret})

.redirectUri("<https://j10d107.p.ssafy.io/api/login/oauth2/code/kakao>")

.authorizationGrantType(AuthorizationGrantType.AUTHORIZATION\_CODE)

.clientAuthenticationMethod(ClientAuthenticationMethod.CLIENT\_SECRET\_POST)

.scope("profile\_nickname", "profile\_image", "account\_email")

.authorizationUri("<https://kauth.kakao.com/oauth/authorize>")

.tokenUri("<https://kauth.kakao.com/oauth/token>")

.userInfoUri("<https://kapi.kakao.com/v2/user/me>")

.userNameAttributeName("id")

.build();

}

// 네이버

public ClientRegistration naverClientRegistration() {

return ClientRegistration.withRegistrationId("naver")

.clientId({clientId})

.clientSecret({clientSecret})

.redirectUri("<https://j10d107.p.ssafy.io/api/login/oauth2/code/naver>")

.authorizationGrantType(AuthorizationGrantType.AUTHORIZATION\_CODE)

.scope("name", "email", "profile\_image")

.authorizationUri("<https://nid.naver.com/oauth2.0/authorize>")

.tokenUri("<https://nid.naver.com/oauth2.0/token>")

.userInfoUri("<https://openapi.naver.com/v1/nid/me>")

.userNameAttributeName("response")

.build();

}

// 구글

public ClientRegistration googleClientRegistration() {

return ClientRegistration.withRegistrationId("google")

.clientId({clientId})

.clientSecret({clientSecret})

.redirectUri("<https://j10d107.p.ssafy.io/api/login/oauth2/code/google>")

.authorizationGrantType(AuthorizationGrantType.AUTHORIZATION\_CODE)

.scope("profile", "email")

.authorizationUri("<https://accounts.google.com/o/oauth2/v2/auth>")

.tokenUri("<https://www.googleapis.com/oauth2/v4/token>")

.jwkSetUri("<https://www.googleapis.com/oauth2/v3/certs>")

.issuerUri("<https://accounts.google.com>")

.userInfoUri("<https://www.googleapis.com/oauth2/v3/userinfo>")

.userNameAttributeName(IdTokenClaimNames.SUB)

.build();

}

**Docker-compose**

services:

jenkins:

image: jenkins/jenkins:lts

container\_name: jenkins

environment:

- TZ=Asia/Seoul

user: root

ports:

- 9090:8080

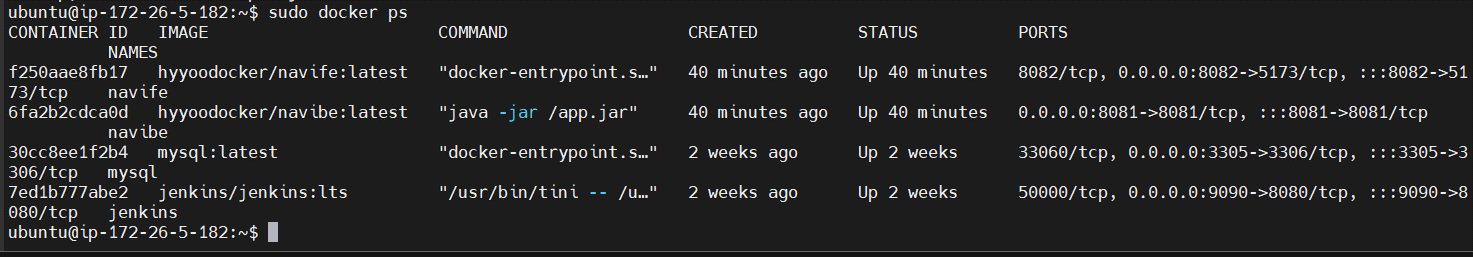
volumes:

- /var/jenkins\_home:/var/jenkins\_home

- /var/run/docker.sock:/var/run/docker.sock

- /usr/bin/docker:/usr/bin/docker

**port**



**Jenkins pipeline**

* FastAPI는 Jenkins에서 관리하지 않아서 주석처리 하게됨
* master branch에 push → 자동 배포

pipeline {

agent any

tools {

// "JDK\_21"은 Global Tool Configuration에서 설정한 JDK

jdk 'jdk-21.0.2'

// nodejs 'nodejs-20.11.1'

}

stages {

stage('Clone Repository') {

steps {

git branch: 'master',

credentialsId: 'D107\_PROJECT2',

url: '<https://lab.ssafy.com/s10-ai-speech-sub2/S10P22D107>'

}

}

//===================================================

// stage('Build FastAPI Image') {

// steps {

// sh "docker login -u 'hyyoodocker' -p 'dbgudals123@' docker.io"

// dir('BE/navi-media') {

// sh '/usr/bin/python3 -m venv venv'

// sh '/bin/bash -c "source venv/bin/activate"'

// sh 'venv/bin/pip install -r requirements.txt'

// sh 'docker build -t hyyoodocker/navifastapi .'

// }

// }

// }

// stage('Push FastAPI Image') {

// steps {

// script {

// sh "docker push hyyoodocker/navifastapi:latest"

// }

// }

// }

//===================================================

stage('Build Spring-boot') {

steps {

dir('BE/navi') {

script {

sh "chmod +x gradlew"

sh "./gradlew bootJar"

}

}

}

}

stage('Build & Push Spring-boot Image') {

steps {

script {

sh "docker login -u 'hyyoodocker' -p 'dbgudals123@' docker.io"

dir('BE/navi') {

sh "docker build -t hyyoodocker/navibe ."

}

sh "docker push hyyoodocker/navibe:latest"

}

}

}

stage('Build React App') {

steps {

dir('FE/navi') {

nodejs(nodeJSInstallationName: 'nodejs') {

sh 'npm -version'

sh 'npm install'

sh '/bin/bash -c "rm -rf node\_modules/.cache/."'

sh 'npm run build'

}

}

}

}

stage('Build React Docker Image') {

steps {

dir('FE/navi') {

sh 'docker build -t hyyoodocker/navife .'

}

}

}

stage('Deployment') {

steps {

script {

sshagent(credentials: ['navi']) {

sh 'docker stop navibe || true'

sh 'docker rm navibe || true'

sh 'docker stop navife || true'

sh 'docker rm navife || true'

// sh 'docker stop navifastapi || true'

// sh 'docker rm navifastapi || true'

sh 'docker run -d -p 8081:8081 --name navibe hyyoodocker/navibe:latest'

sh 'docker run --name navife -d -p 8082:5173 hyyoodocker/navife:latest'

// sh 'docker run -d -p 8083:8083 --name navifastapi hyyoodocker/navifastapi:latest'

}

}

}

}

}

}

**Nginx, conf**

* http
* events {
* worker\_connections 768;
* # multi\_accept on;
* }
* http {
* sendfile on;
* tcp\_nopush on;
* tcp\_nodelay on;
* keepalive\_timeout 65;
* types\_hash\_max\_size 2048;
* include /etc/nginx/mime.types;
* default\_type application/octet-stream;
* ssl\_protocols TLSv1 TLSv1.1 TLSv1.2 TLSv1.3; # Dropping SSLv3, ref: POODLE
* ssl\_prefer\_server\_ciphers on;
* server {
* listen 80;
* server\_name j10d107.p.ssafy.io;
* client\_max\_body\_size 10M;
* location /api {
* #백엔드
* proxy\_pass <http://j10d107.p.ssafy.io:8081>;
* proxy\_http\_version 1.1;
* proxy\_set\_header Upgrade $http\_upgrade;
* proxy\_set\_header Connection 'upgrade';
* proxy\_set\_header Host $host;
* proxy\_cache\_bypass $http\_upgrade;
* }
* location / {
* #프론트
* proxy\_pass <http://j10d107.p.ssafy.io:8082>; # 프론트엔드 서버의 주소로 변경
* proxy\_set\_header Host $host;
* proxy\_set\_header X-Real-IP $remote\_addr;
* proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;
* proxy\_read\_timeout 1m;
* proxy\_connect\_timeout 1m;
* proxy\_http\_version 1.1;
* proxy\_set\_header Origin "";
* proxy\_set\_header Upgrade $http\_upgrade;
* proxy\_set\_header Connection "upgrade";
* }
* location /ws {
* #웹소켓 설정
* proxy\_pass <http://j10d107.p.ssafy.io:8082>; # 프론트엔드 서버의 포트 번호로 변경
* proxy\_http\_version 1.1;
* proxy\_set\_header Upgrade $http\_upgrade;
* proxy\_set\_header Connection "upgrade";
* proxy\_set\_header Host $host;
* proxy\_set\_header Origin "";
* }
* location /media {
* #fastAPI 설정
* proxy\_pass <http://j10d107.p.ssafy.io:8083>; # fastAPI 서버의 주소로 변경
* proxy\_http\_version 1.1;
* proxy\_set\_header Upgrade $http\_upgrade;
* proxy\_set\_header Connection 'upgrade';
* proxy\_set\_header Host $host;
* proxy\_cache\_bypass $http\_upgrade;
* }
* location /api/sse {
* #알림 설정
* proxy\_pass <http://j10d107.p.ssafy.io:8081>; # SSE를 처리하는 백엔드 서버의 주소로 변경
* proxy\_http\_version 1.1;
* proxy\_set\_header Connection 'keep-alive';
* proxy\_cache\_bypass $http\_upgrade;
* proxy\_buffering off;
* proxy\_read\_timeout 24h; # 연결 시간 초과 설정
* }
* }
* include /etc/nginx/conf.d/\*.conf;
* include /etc/nginx/sites-enabled/\*;
* }
* https
* server {
* listen 443 ssl;
* listen [::]:443 ssl;
* server\_name j10d107.p.ssafy.io;
* client\_max\_body\_size 100M;
* ssl\_certificate /etc/letsencrypt/live/p.ssafy.io/fullchain.pem;
* ssl\_certificate\_key /etc/letsencrypt/live/p.ssafy.io/privkey.pem;
* location /api {
* #백엔드
* proxy\_pass <http://j10d107.p.ssafy.io:8081/api>;
* proxy\_set\_header Host $host;
* proxy\_set\_header X-Real-IP $remote\_addr;
* proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;
* proxy\_set\_header X-Forwarded-Proto $scheme;
* }
* location / {
* #프론트엔드
* proxy\_pass <http://j10d107.p.ssafy.io:8082>;
* proxy\_read\_timeout 1m;
* proxy\_connect\_timeout 1m;
* proxy\_http\_version 1.1;
* proxy\_set\_header Host $host;
* proxy\_set\_header X-Real-IP $remote\_addr;
* proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;
* proxy\_set\_header X-Forwarded-Proto $scheme;
* proxy\_set\_header Origin "";
* proxy\_set\_header Upgrade $http\_upgrade;
* proxy\_set\_header Connection "upgrade";
* }
* location /wss {
* #웹소켓 설정
* proxy\_pass <http://j10d107.p.ssafy.io:8082>; # 프론트엔드 서버의 포트 번호로 변경
* proxy\_http\_version 1.1;
* proxy\_set\_header Upgrade $http\_upgrade;
* proxy\_set\_header Connection "upgrade";
* proxy\_set\_header Host $host;
* proxy\_set\_header Origin "";
* }
* location /media {
* #fastAPI
* proxy\_pass <http://j10d107.p.ssafy.io:8083>;
* proxy\_set\_header Host $host;
* proxy\_set\_header X-Real-IP $remote\_addr;
* proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;
* proxy\_set\_header X-Forwarded-Proto $scheme;
* }
* location /api/sse {
* #알림 설정
* proxy\_pass <http://j10d107.p.ssafy.io:8081>; # SSE를 처리하는 백엔드 서버의 주소로 변경
* proxy\_http\_version 1.1;
* proxy\_set\_header Connection 'keep-alive';
* proxy\_cache\_bypass $http\_upgrade;
* proxy\_buffering off;
* proxy\_read\_timeout 24h; # 연결 시간 초과 설정
* }
* }

### DB정보

### DB

datasource:

driver-class-name: com.mysql.cj.jdbc.Driver

url: jdbc:mysql://j10d107.p.ssafy.io:3305/navi?useUnicode=true&characterEncoding=utf8&serverTimezone=UTC

username: navi

password: navid107

### ERD

### application.yml

server:

port: 8081

servlet:

context-path: /api

cloud:

aws:

s3:

bucket: navi

credentials:

access-key: {access-key}

secret-key: {secret-key}

region:

static: ap-northeast-2

auto: false

stack:

auto: false

spring:

jwt:

secret: {secret}

servlet:

multipart:

max-file-size: 10MB

max-request-size: 10MB

datasource:

driver-class-name: com.mysql.cj.jdbc.Driver

url: jdbc:mysql://j10d107.p.ssafy.io:3305/navi?useUnicode=true&characterEncoding=utf8&serverTimezone=UTC

username: navi

password: navid107

jpa:

hibernate:

ddl-auto: update

naming:

implicit-strategy: org.springframework.boot.orm.jpa.hibernate.SpringImplicitNamingStrategy

properties:

hibernate:

show\_sql: true

format\_sql: true

data:

web:

pageable:

one-indexed-parameters: true

logging:

level:

org.hibernate.SQL: debug

org.hibernate.orm.jdbc.bind: trace

**GPU서버 설치 패키지 목록**

absl-py==2.1.0

aiohttp==3.9.3

aiosignal==1.3.1

amqp==5.2.0

annotated-types==0.6.0

antlr4-python3-runtime==4.9.3

anyio==4.3.0

async-timeout==4.0.3

attrs==23.2.0

audioread==3.0.1

beautifulsoup4==4.12.3

billiard==4.2.0

bitarray==2.9.2

boto3==1.34.71

botocore==1.34.71

celery==5.3.6

certifi==2023.7.22

cffi==1.16.0

charset-normalizer==2.1.1

click==8.1.7

click-didyoumean==0.3.1

click-plugins==1.1.1

click-repl==0.3.0

colorama==0.4.6

coloredlogs==15.0.1

contourpy==1.2.0

cycler==0.12.1

Cython==3.0.9

decorator==5.1.1

edge-tts==6.1.9

einops==0.7.0

exceptiongroup==1.2.0

fairseq @ git+https://github.com/IAHispano/fairseq@4362e300a6f14c44ae00b2ab3aebc440f06f0e38

faiss-cpu==1.7.3

fastapi==0.110.0

ffmpeg-python==0.2.0

ffmpy==0.3.1

filelock==3.9.0

flatbuffers==24.3.7

flower==2.0.1

fonttools==4.50.0

frozenlist==1.4.1

fsspec==2023.4.0

future==1.0.0

grpcio==1.62.1

h11==0.14.0

humanfriendly==10.0

humanize==4.9.0

hydra-core==1.3.2

idna==3.4

importlib\_metadata==7.1.0

importlib\_resources==6.4.0

Jinja2==3.1.2

jmespath==1.0.1

joblib==1.3.2

kiwisolver==1.4.5

kombu==5.3.6

librosa==0.9.1

llvmlite==0.42.0

local-attention==1.9.0

lxml==5.1.0

Markdown==3.6

MarkupSafe==2.1.3

matplotlib==3.7.2

mpmath==1.3.0

multidict==6.0.5

networkx==3.2.1

noisereduce==3.0.2

numba==0.59.1

numpy==1.23.5

omegaconf==2.3.0

onnxruntime==1.17.1

onnxruntime-gpu==1.15.1

opencv-python==4.9.0.80

packaging==24.0

Pillow==9.5.0

platformdirs==4.2.0

pooch==1.8.1

portalocker==2.8.2

praat-parselmouth==0.4.2

prometheus\_client==0.20.0

prompt-toolkit==3.0.43

protobuf==5.26.0

pycparser==2.21

pydantic==2.6.4

pydantic\_core==2.16.3

pydub==0.25.1

PyMySQL==1.1.0

pyparsing==3.0.9

python-dateutil==2.9.0.post0

python-multipart==0.0.9

pytz==2024.1

pyworld==0.3.4

PyYAML==6.0.1

redis==5.0.3

regex==2023.12.25

requests==2.31.0

resampy==0.4.2

s3transfer==0.10.1

sacrebleu==2.4.1

scikit-learn==1.4.1.post1

scipy==1.11.1

six==1.16.0

sniffio==1.3.1

sounddevice==0.4.6

soundfile==0.12.1

soupsieve==2.5

starlette==0.36.3

sympy==1.12

tabulate==0.9.0

tensorboard==2.16.2

tensorboard-data-server==0.7.2

tensorboardX==2.6.2.2

threadpoolctl==3.4.0

torch==2.1.1+cu118

torch-directml==0.1.13.dev221216

torchaudio==2.1.1+cu118

torchcrepe==0.0.21

torchgen==0.0.1

torchvision==0.16.1+cu118

tornado==6.4

tqdm==4.66.2

triton==2.1.0

typing\_extensions==4.8.0

tzdata==2024.1

urllib3==1.26.13

uvicorn==0.29.0

vine==5.1.0

wcwidth==0.2.13

Werkzeug==3.0.1

wget==3.2

yarl==1.9.4

zipp==3.18.1