



포팅 매뉴얼

🏠 시연시나리오



접속

- ssh 접속 : `ssh -i K8B206T.pem ubuntu@k8b206.p.ssafy.io`
- 공인 ip : 172.26.0.116
- 도메인 : k8b206.p.ssafy.io



mysql 설치

- 접속 ip = k8b206.p.ssafy.io
- id = woohahn
- pwd = penguin
- port : 3306



nginx 설치

- load balancing
- backend
 - /api
- frontend
 - /
- http → https



jenkins 설치

```
docker run --name jenkins -d -p 8080:8080 -p 50000:50000 -v /home/jenkins:/var/jenkins_home -u root jenkins/jenkins:ls
```



Frontend

- version

```
node : 18.14.0
react : 18.2
redux : 8.0.5
three.js : 0.151.3
react router : 6.10

ide : visual studio code 1.78.2
```

- link

```
https://k8b206.p.ssafy.io/
```

- docker deploy

```
docker run -p 3000:3000 -d --name front sangemini/woohan_front
```

Backend

- version

```
gradle : 7.6.1
springboot : 2.7.11
sdk : azul-11.0.18
swagger-ui : 3.0.0
nginx : nginx/1.18.0 (Ubuntu)

ide : intellij 2022.3.1
```

- link

```
https://k8b206.p.ssafy.io/api/
```

- docker

```
sudo docker run -p 9090:9090 -d --name back sangemini/woohan_back
```

- yml

```
spring:
  datasource:
    driver-class-name: com.mysql.cj.jdbc.Driver
    url: jdbc:mysql://k8b206.p.ssafy.io:3306/woohan?useSSL=false&serverTimezone=UTC&useLegacyDatetimeCode=false&allowPublicKeyRetrieval=true
    username: woohan
    password: penguin
  mvc:
    pathmatch:
      matching-strategy: ant_path_matcher
  jpa:
    database: mysql
    database-platform: org.hibernate.dialect.MySQL8Dialect
    show-sql: true
    hibernate:
      ddl-auto: update
      use-new-id-generator-mappings: false
    properties:
      hibernate:
        format_sql: true
      generate-ddl: true
  oauth2:
    google:
      client-id: 658207955186-n84qpvfhtdi82n6mfvbmh6v99aevulv7.apps.googleusercontent.com
      client-secret: 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
      redirect-uri: https://k8b206.p.ssafy.io/api/login/oauth2/code/google
      token-uri: https://oauth2.googleapis.com/token
      resource-uri: https://www.googleapis.com/oauth2/v2/userinfo
    kakao:
      client-id : d313cf6ba97344781a1976206aed6112
      client-secret : BvVyVp7pv7eJptN5ptIC2GApJ2RxpF00
      redirect-uri : https://k8b206.p.ssafy.io/main
      token-uri : https://kauth.kakao.com/oauth/token
      resource-uri : https://kapi.kakao.com/v2/user/me
  logging:
    level:
      org.hibernate.SQL: debug
      org.hibernate.type: trace
  config:
    classpath:
      log4j2.yml

server:
  port: 9090
```

- build.gradle

```
plugins {
    id 'java'
    id 'org.springframework.boot' version '2.7.11'
    id 'io.spring.dependency-management' version '1.0.15.RELEASE'
}

group = 'com.woohahan'
version = '0.0.1-SNAPSHOT'
sourceCompatibility = '11'

configurations {
    compileOnly {
        extendsFrom annotationProcessor
    }
    all {
        exclude group: 'org.springframework.boot', module: 'spring-boot-starter-logging'
    }
}

repositories {
    mavenCentral()
}

dependencies {
    compileOnly 'com.google.api-client:google-api-client:1.32.1'
    implementation 'org.springframework.boot:spring-boot-starter-data-jpa'
    implementation 'io.springfox:springfox-boot-starter:3.0.0'
    implementation 'io.springfox:springfox-swagger-ui:3.0.0'
    implementation 'org.springframework.boot:spring-boot-starter-web'
    implementation 'org.apache.logging.log4j:log4j-api:2.20.0'
    implementation 'org.apache.logging.log4j:log4j-core:2.20.0'
    compileOnly 'org.projectlombok:lombok'
    runtimeOnly 'com.mysql:mysql-connector-j'
    annotationProcessor 'org.projectlombok:lombok'
    testImplementation 'org.springframework.boot:spring-boot-starter-test'
}

tasks.named('test') {
    useJUnitPlatform()
}
```

Android

- version

```
gradle : 7.5
ide : android studio 2022.11
```

- build.gradle

```
plugins {
    id 'com.android.application'
    id 'org.jetbrains.kotlin.android'
}

android {
    namespace 'com.penguin.hangul'
    compileSdk 33

    defaultConfig {
        applicationId "com.penguin.hangul"
        minSdk 24
        targetSdk 33
        versionCode 4
        versionName "1.1"

        testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
    }

    buildTypes {
        release {
            minifyEnabled false
        }
    }
}
```

```

        proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'
    }
}
compileOptions {
    sourceCompatibility JavaVersion.VERSION_1_8
    targetCompatibility JavaVersion.VERSION_1_8
}
kotlinOptions {
    jvmTarget = '1.8'
}
}

dependencies {
    implementation 'androidx.core:core-ktx:1.7.0'
    implementation 'androidx.appcompat:appcompat:1.6.1'
    implementation 'com.google.android.material:material:1.8.0'
    implementation 'androidx.constraintlayout:constraintlayout:2.1.4'
    implementation 'androidx.browser:browser:1.5.0'
    testImplementation 'junit:junit:4.13.2'
    androidTestImplementation 'androidx.test.ext:junit:1.1.5'
    androidTestImplementation 'androidx.test.espresso:espresso-core:3.5.1'
}

```

- docker deploy

```
docker run -p 3000:3000 -d --name front sangemini/woohahan_front
```