

포팅 매뉴얼

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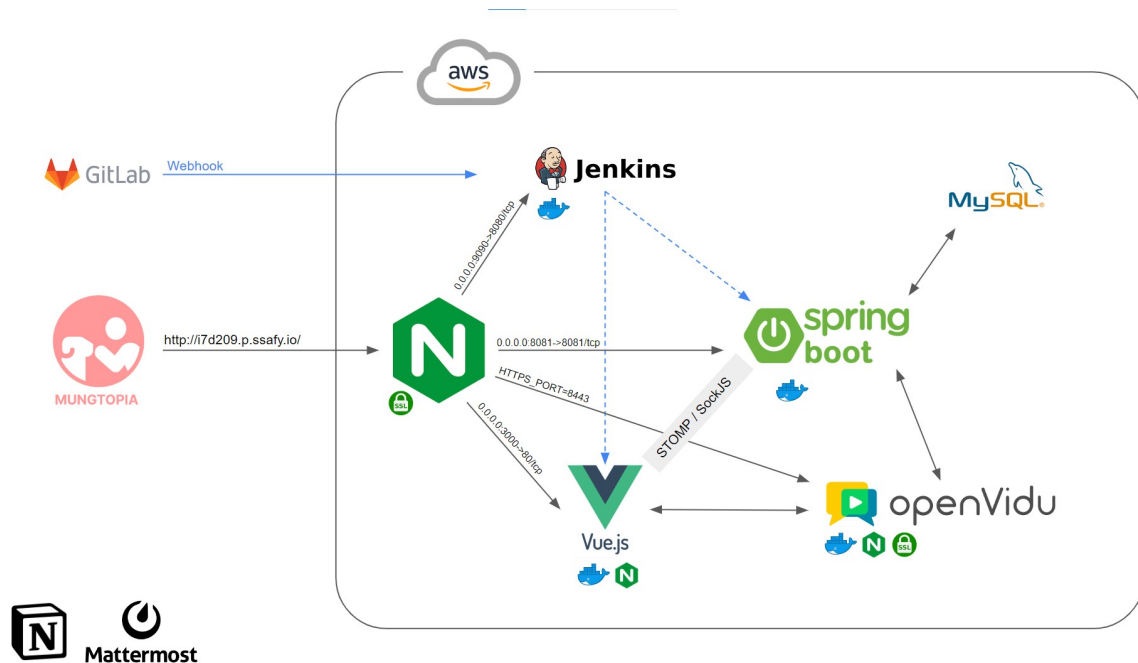
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1. 기술 스택

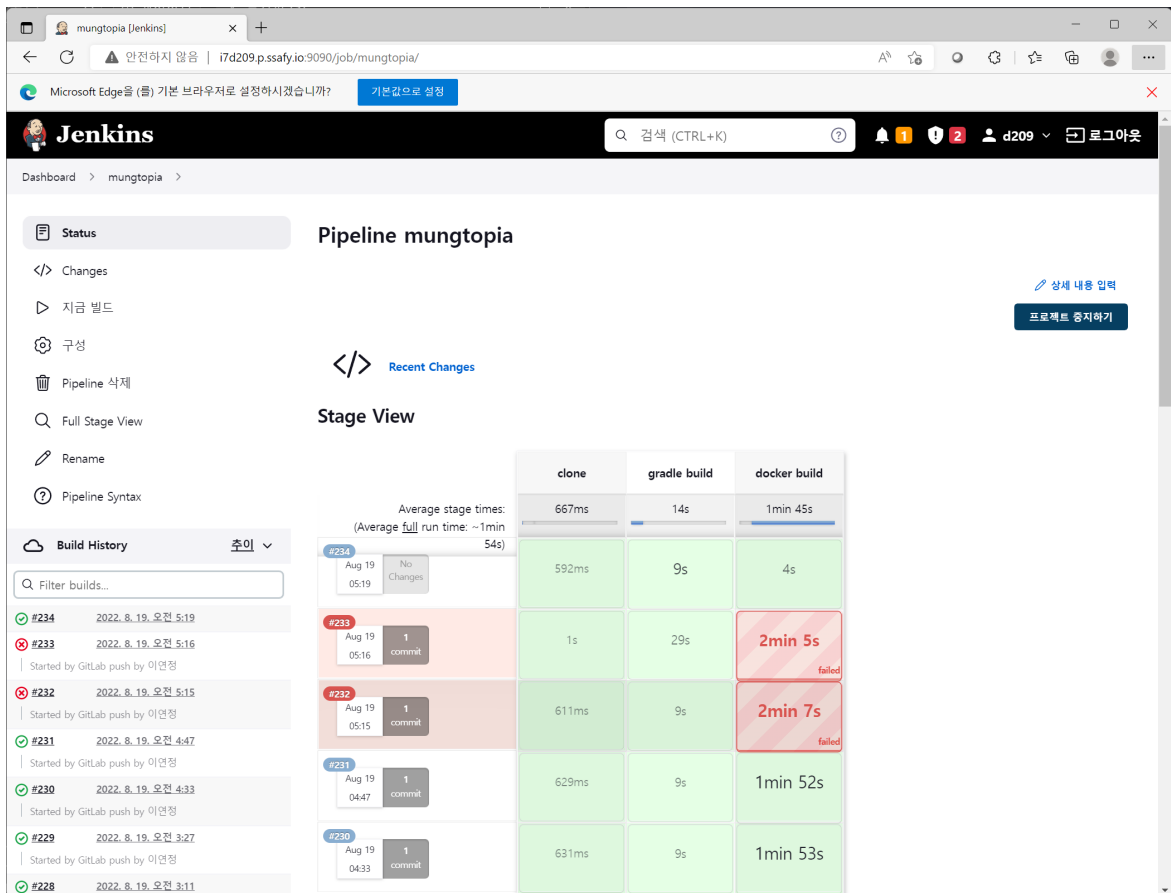
- 형상관리 : Gitlab
- 이슈관리 : Jira
- 커뮤니케이션 : Mattermost
- 디자인 : Figma
- OS : Window 10
- DB : MySQL 8.0.29 (<https://downloads.mysql.com/archives/installer/>)
- Java : 11 : <https://github.com/ojdkbuild/ojdkbuild>
- Node.js 16.16.0 : <https://nodejs.org/ko/>

2. 빌드 및 배포

2-1. Jenkins 를 이용한 자동 빌드 및 배포



- gitlab 의 master 브랜치에서 push event 일어나는 경우 webhook 을 통해 젠킨스 자동 빌드 시작



- 젠킨스에서 frontend 와 backend docker 빌드

ubuntu@ip-172-26-8-54:~\$ docker ps				
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
1850935c42c9	mungtopia_frontend:0.1	"/docker-entrpoint..."	51 minutes ago	Up 51 minutes
04b9c9d36725	mungtopia_backend:0.1	"java -jar mungtopia..."	51 minutes ago	Up 51 minutes
		PORTS		
		0.0.0.0:3000		
		0.0.0.0:8081		

2-2. AWS 서버 Nginx 설정파일

```
ubuntu@ip-172-26-8-54:/etc/nginx/sites-available$ cat muntopia.com
##
# You should look at the following URL's in order to grasp a solid understanding
# of Nginx configuration files in order to fully unleash the power of Nginx.
# https://www.nginx.com/resources/wiki/start/
# https://www.nginx.com/resources/wiki/start/topics/tutorials/config_pitfalls/
# https://wiki.debian.org/Nginx/DirectoryStructure
#
# In most cases, administrators will remove this file from sites-enabled/ and
# leave it as reference inside of sites-available where it will continue to be
# updated by the nginx packaging team.
#
# This file will automatically load configuration files provided by other
# applications, such as Drupal or Wordpress. These applications will be made
# available underneath a path with that package name, such as /drupal8.
#
# Please see /usr/share/doc/nginx-doc/examples/ for more detailed examples.
##

# Virtual Host configuration for example.com
#
# You can move that to a different file under sites-available/ and symlink that
# to sites-enabled/ to enable it.
#
server {
    location / {
```

```

        proxy_pass http://localhost:3000;
    }

    location /api {
        proxy_pass http://localhost:8081;
    }

    location /jenkins {
        rewrite ^ http://i7d209.p.ssafy.io:9090;
    }

    #root /jenkins/workspace/mungtopia/frontend/dist;
    #index index.html;

    listen [::]:443 ssl ipv6only=on; # managed by Certbot
    listen 443 ssl; # managed by Certbot
    ssl_certificate /etc/letsencrypt/live/i7d209.p.ssafy.io/fullchain.pem; # managed by Certbot
    ssl_certificate_key /etc/letsencrypt/live/i7d209.p.ssafy.io/privkey.pem; # managed by Certbot
    include /etc/letsencrypt/options-ssl-nginx.conf; # managed by Certbot
    ssl_dhparam /etc/letsencrypt/ssl-dhparams.pem; # managed by Certbot
}

server {
    if ($host = i7d209.p.ssafy.io) {
        return 301 https://$host$request_uri;
    } # managed by Certbot

    listen 80;
    listen [::]:80;

    server_name i7d209.p.ssafy.io;
    return 404; # managed by Certbot
}

```

3. DB 접속 정보



mysql root password : mung209pro@

[참고] [IntelliJ에서 DB 연결하기](#)

