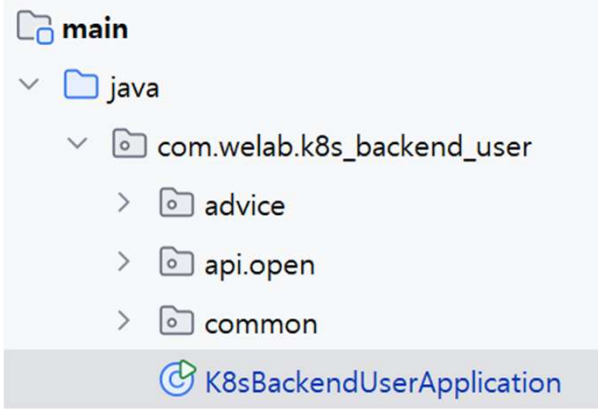


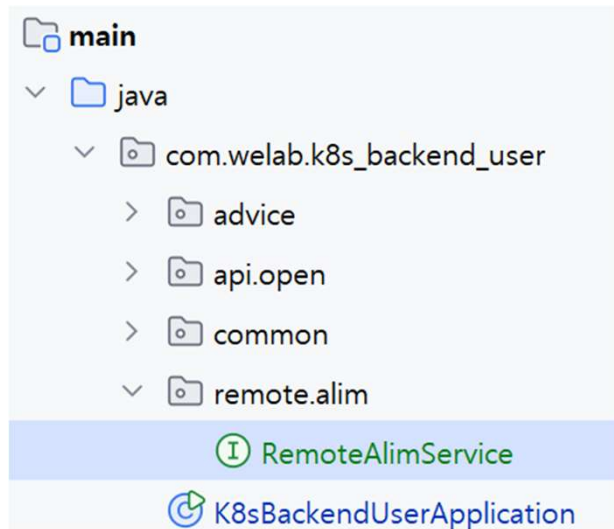
backend-user : @EnableFeignClients 추가



```
@EnableFeignClients
@SpringBootApplication
public class K8sBackendUserApplication {

    public static void main(String[] args) {
        SpringApplication.run(K8sBackendUserApplication.class, args);
    }
}
```

backend-user : RemoteAlimService 추가

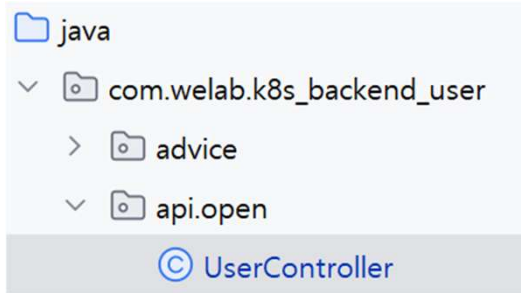


```
@FeignClient(name = "RemoteAlimService",
             url = "http://k8s-backend-alim-service:8080",
             path = "/backend/alim/v1")
public interface RemoteAlimService {
    @GetMapping(value = "/hello")
    public ApiResponseDto<String> hello();
}
```

* 순수 Feign : URL 직접 지정
(쿠버네티스 서비스를 활용하기 때문에 name으로 매핑 불가능하기 때문에 사용)
(name은 필수 태그이므로 생략 불가 - name으로 타임 아웃 지정 등의 속성 부여)

쿠버네티스 서비스로 요청 시, 자동으로 로드 밸런싱하여 pods에 요청 전송

backend-user : UserController 수정

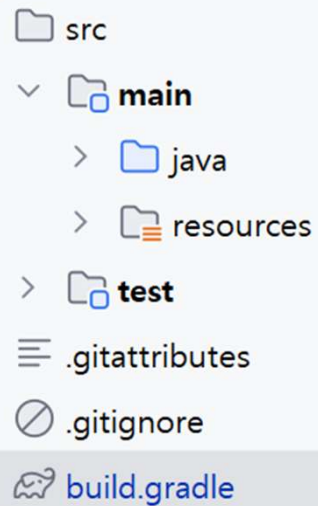


```
@Slf4j
@RestController
@RequestMapping(value = "/api/user/v1", produces = MediaType.APPLICATION_JSON_VALUE)
@RequiredArgsConstructor
public class UserController {
    private final RemoteAlimService remoteAlimService;

    @GetMapping(value = "/hello")
    public ApiResponseDto<String> hello() {
        String remoteMessage = remoteAlimService.hello().getData();
        String userResponse = "웰컴 투 백엔드 유저. 리모트 알림 메시지 = " + remoteMessage;

        return ApiResponseDto.createOk(userResponse);
    }
}
```

backend-user : 앱 버전 업그레이드



A file explorer view showing the project structure. The 'src' directory is expanded, showing 'main' and 'test' subdirectories. 'main' contains 'java' and 'resources' subdirectories. The root directory contains '.gitattributes', '.gitignore', and 'build.gradle'.

- src
 - main
 - java
 - resources
 - test
- .gitattributes
- .gitignore
- build.gradle

```
plugins {  
    id 'java'  
    id 'org.springframework.boot' version '3.5.0'  
    id 'io.spring.dependency-management' version '1.1.7'  
}  
  
group = 'com.welab'  
version = '0.0.2'  
  
...
```

backend-user : 코드 commit & push

Commit & Push to Github

backend-user : Jenkins Pipeline 빌드

Status

Changes

▶ 파라미터와 함께 빌드

구성

Pipeline 삭제

Move

Full Stage View

Stages

Rename

Pipeline Syntax

Pipeline kube-backend-user

매개변수가 필요한 빌드입니다.

TAG

origin/main

☐ RELEASE

▶ 매개변수가 필요한 빌드입니다. Cancel

Declarative: Checkout SCM	Declarative: Tool Install	Set Version	Build & Test Application	Build Docker Image	Push Docker Image
4s	367ms	1min 14s	49s	7s	11s
4s	367ms	1min 14s	49s	7s	11s

backend-user : Deployment 이미지 버전 업데이트

Deployments

이름	이미지	레이블	파드	생성 시간 ↑
k8s-backend-alim-deployment	solarhc/k8s-backend-alim:0.0.1	-	1 / 1	16 minutes ago
k8s-backend-user-deployment	solarhc/k8s-backend-user:0.0.1	-	1 / 1	2 hours ago
	solarhc/k8s-api-gateway:0.0.3	-	1 / 1	2 hours ago

97 spec:
98 replicas: 1
99 selector:
100 matchLabels:
101 app: k8s-backend-user
102 template:
103 metadata:
104 creationTimestamp: null
105 labels:
106 app: k8s-backend-user
107 spec:
108 containers:
109 - name: k8s-backend-user
110 image: solarhc/k8s-backend-user:0.0.2
111 ports:

i 이 액션은 다음 커맨드와 동일합니다. `kubectl apply -f <spec.yaml>`

Update

Cancel


Scale

Edit

Restart

Delete

backend-user : RemoteAlimService 호출 확인

 k8s-user / localhost:30080/api/user/v1/hello Save Share

GET

localhost:30080/api/user/v1/hello

Send

Params

Authorization

Headers (6)

Body

Scripts

Tests

Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		