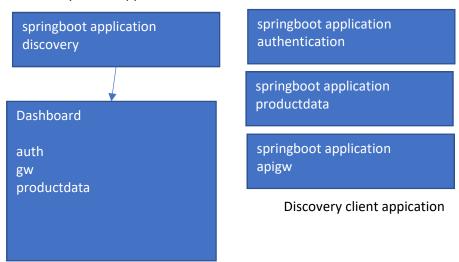
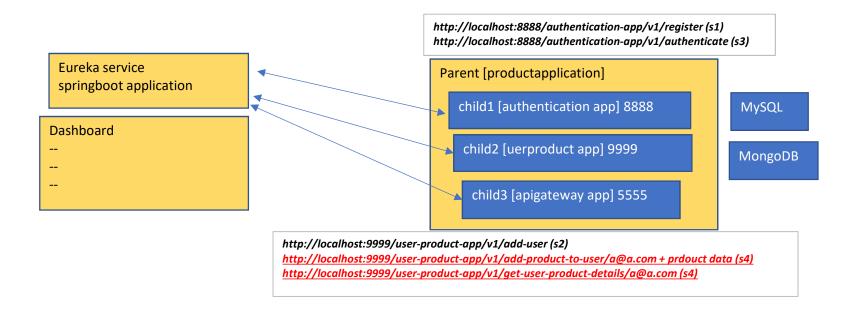
### Discovery server application

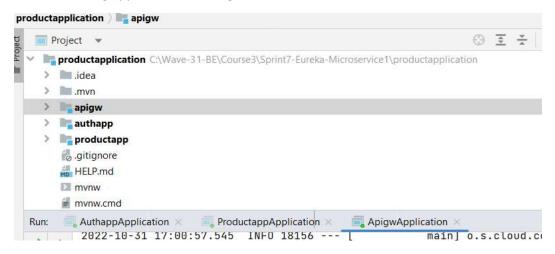


### Demo 1

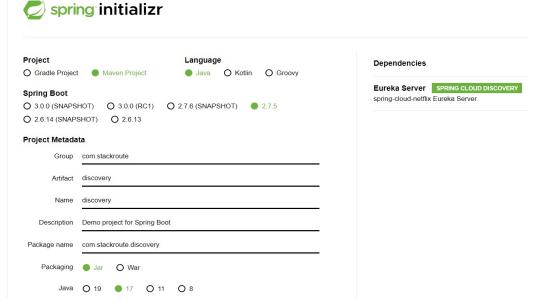


## Steps to add discovery server to existing application

Step 1 Make sure existing applications running



Step 2 Create new springboot application as EUREKA server application by adding required dependeny



extract and open in intellij

### Step 2 Edit application properties

port
application name
fetched / registered

```
application.properties ×

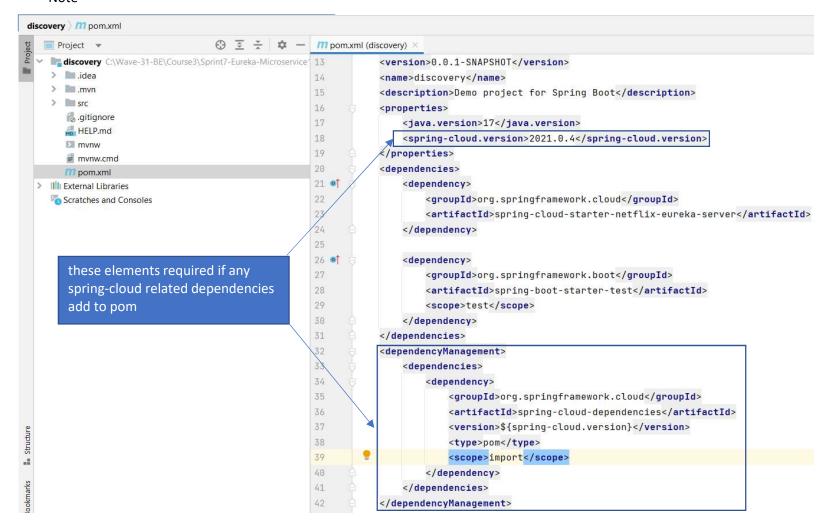
1 server.port=8761
2 spring.application.name=eureka-server
3 eureka.client.fetch-registry=false
4 eureka.client.register-with-eureka=false
```

spring cloud

hystrix eureka gw

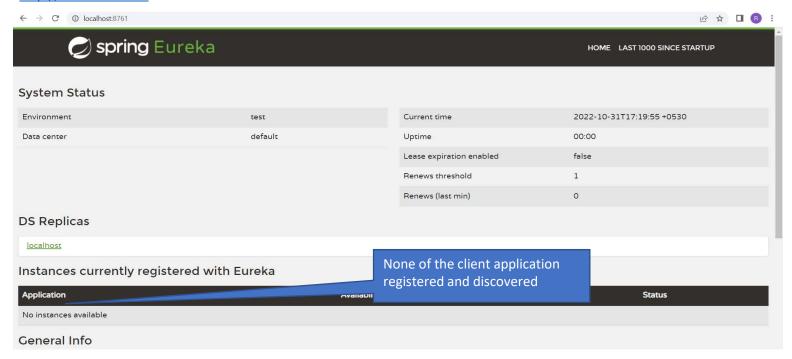
Step 3 Make application as eureka server by keeping proper annotation in main class

#### Note



server is ready start server applicatin check the URL for dashboard

## http://localhost:8761

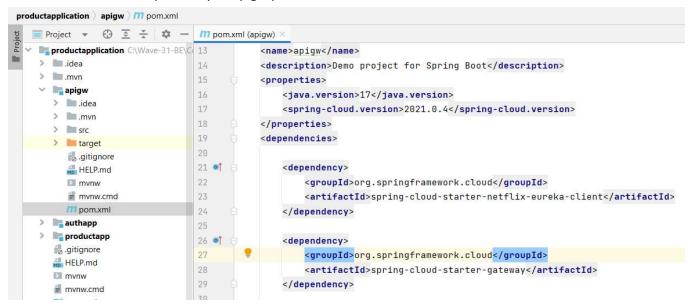


Steps to make client to register with server apigw

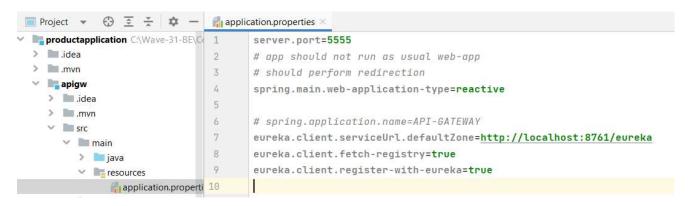
Step 1 Make sure client application is ready

Make sure pom has required properties

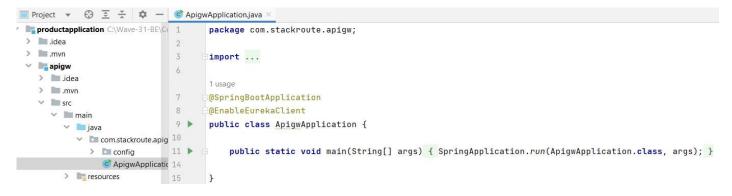
### Step 2 add eureka client dependency to apigw pom



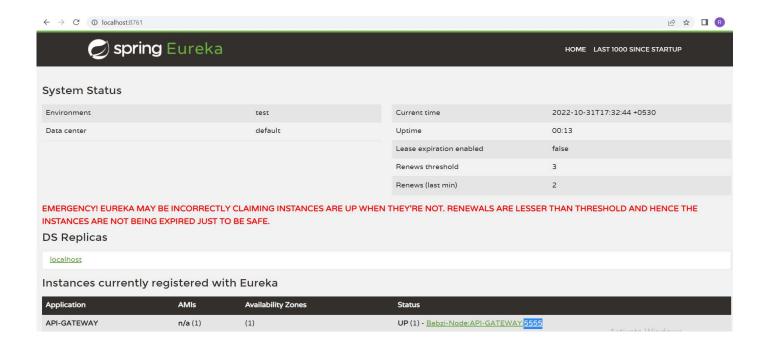
### Step 3 Modify application properties



# Step 4 Edit main class keep proper annotation



Start client check server dashboard



### Steps to make auth application as eureka client

### Step 1 make sure authapp is ready

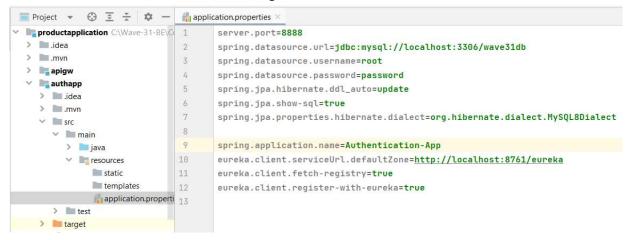
Note: authapp does not have any spring-cloud related dependencies so, <spring-cloud.version> and <dependencyManagement> elements to be defined

### Step 2 add eureka client dependency

#### Step 3 Add required properties in pom

```
60
           </dependencies>
61
62
63
           <dependencyManagement>
64
               <dependencies>
65
                   <dependency>
                      <groupId>org.springframework.cloud
66
67
                      <artifactId>spring-cloud-dependencies</artifactId>
68
                      <version>${spring-cloud.version}
                      <type>pom</type>
69
                      <scope>import</scope>
70
71
                   </dependency>
72
              </dependencies>
73
           </dependencyManagement>
```

# Step 4 modify application properties name/server url/fetch/register



### Step 5 add required annotation inmain class

```
@SpringBootApplication
@EnableEurekaClient
public class AuthappApplication {
    public static void main(String[] ar
}
```

run client app check server dashboard

## Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status	
API-GATEWAY	n/a (1)	(1)	UP (1) - <u>Babzi-Node:API-GATEWAY:5555</u>	Activ
AUTHENTICATION-APP	n/a (1)	(1)	UP (1) - Babzi-Node:Authentication-App:8888	Go to