

# zuul

## 1: 概念

zuul主要实现的功能就是API Gateway(api网关)的功能

## 2: 使用

### 2.1 导入jar包

```
<dependency>
  <groupId>org.springframework.cloud</groupId>
  <artifactId>spring-cloud-starter-netflix-eureka-client</artifactId>
</dependency>
<dependency>
  <groupId>org.springframework.cloud</groupId>
  <artifactId>spring-cloud-starter-netflix-zuul</artifactId>
</dependency>
```

### 2.2 启用zuul网关

```
package com.lxd.lxdzuul;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.cloud.netflix.eureka.EnableEurekaClient;
import org.springframework.cloud.netflix.zuul.EnableZuulProxy;

@SpringBootApplication
@EnableZuulProxy
@EnableEurekaClient
public class LxdZuulApplication {

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

}
```

### 2.3 配置路由转发规则

```
spring:
  application:
    name: lxd-zuul

server:
  port: 8080

#配置一个路由器
zuul:
  routes:
    order-api:
```

```
path: /oapi/**  
serviceId: ldx-order-api
```

#从eureka获取我们的服务器的真实ip地址

eureka:

client:

service-url:

defaultZone: http://127.0.0.1:7000/eureka

instance:

prefer-ip-address: true

instance-id: \${spring.cloud.client.ip-address}:\${server.port}