

## Spring Cloud

Spring cloud  
Spring cloud Task

Spring Boot   Spring

## Spring Cloud

### Spring Boot

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- -Devops

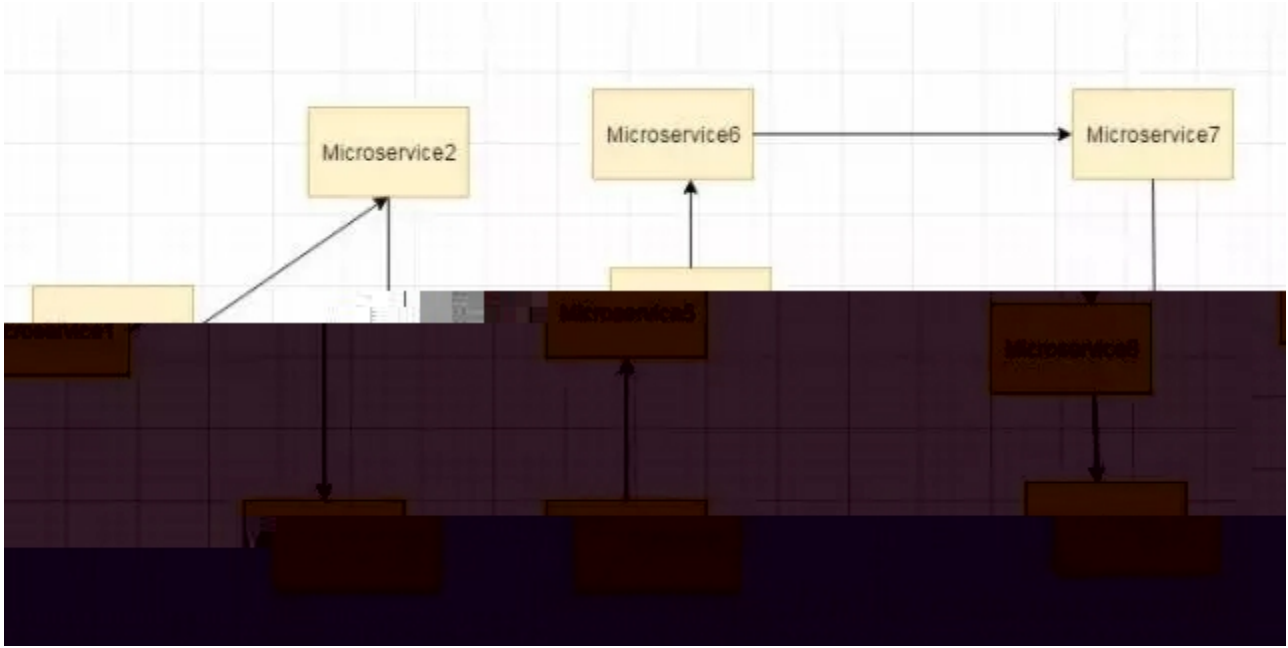
## Spring Cloud

Eureka  
Eureka

Eureka

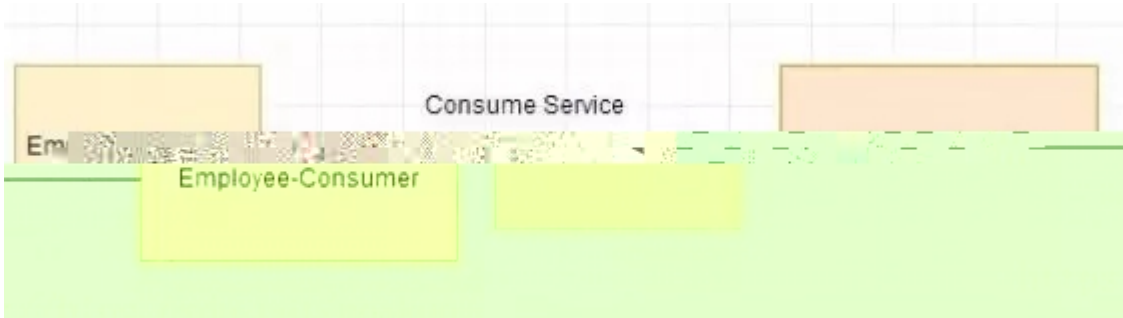
Hystrix

Hystrix



9

Hystrix employee-consumer      Fallback      1000.      hystrix employee-consumer



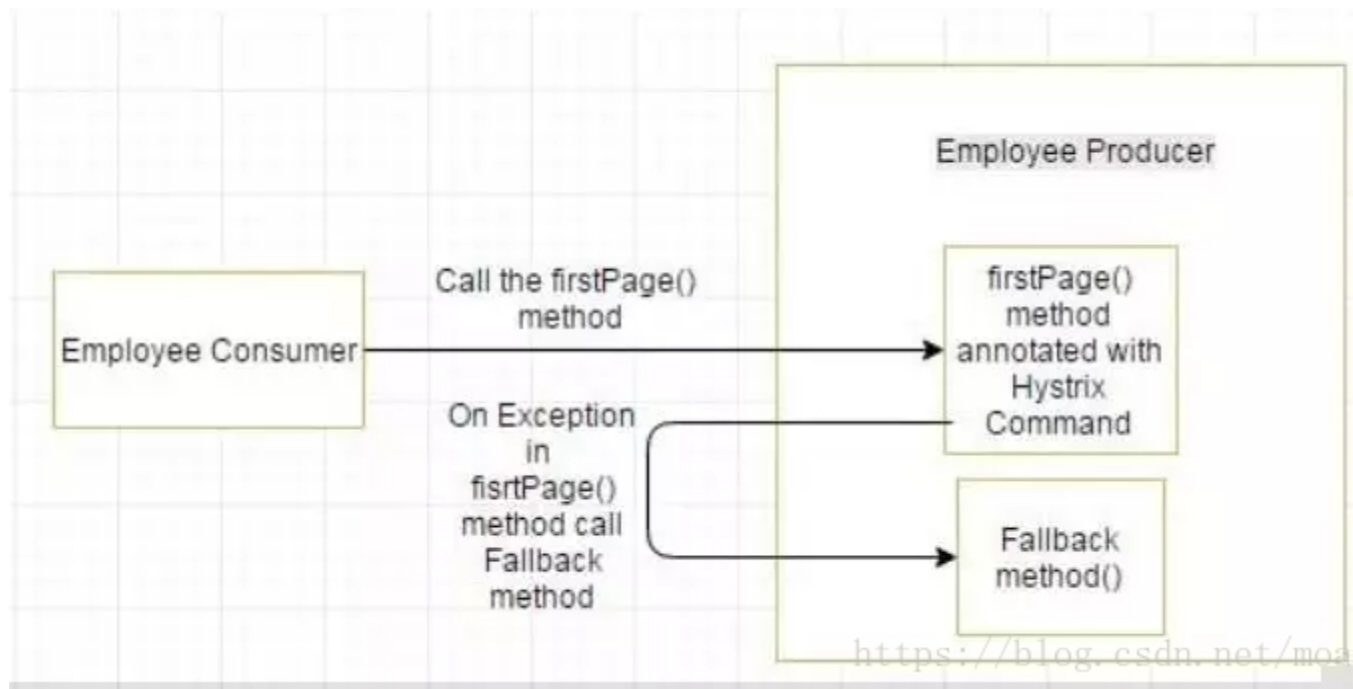
employee-producer

Hystrix

Hystrix

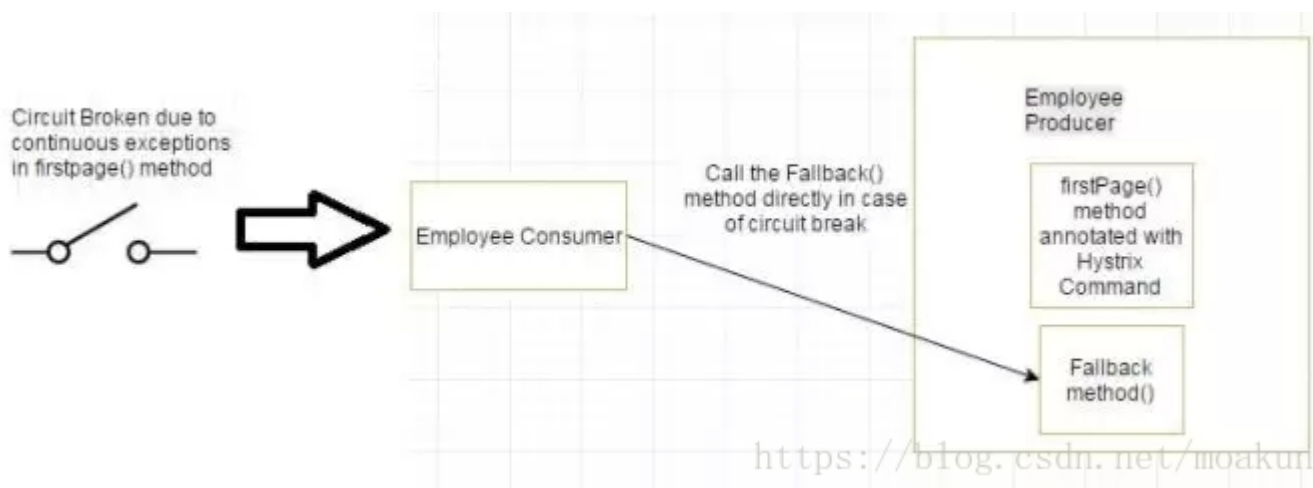
employee-consumer

Hystrix

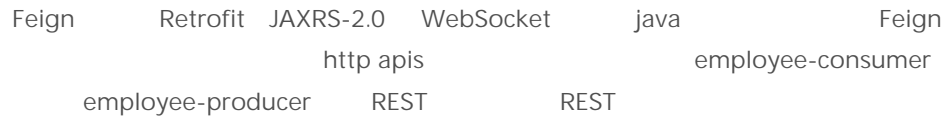


firstPage method()  
firtsPage

Hystrix



## Netflix Feign



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- URL

- REST

```

1. @Controller
2. public class ConsumerControllerClient {
3.
4. @Autowired
5. private LoadBalancerClient loadBalancer;
6.
7. public void getEmployee() throws RestClientException, IOException {
8.
9.     ServiceInstance serviceInstance=loadBalancer.choose("employee-producer");
10.
11.     System.out.println(serviceInstance.getUri());
12.
13.     String baseUrl=serviceInstance.getUri().toString();
14.
15.     baseUrl=baseUrl+"/employee";
16.
17.     RestTemplate restTemplate = new RestTemplate();
18.     ResponseEntity<String> response=null;
19.     try{
20.         response=restTemplate.exchange(baseUrl,
21.             HttpMethod.GET, getHeaders(), String.class);
22.     }catch (Exception ex)
23.     {
24.         System.out.println(ex);
25.     }
26.     System.out.println(response.getBody());
27. }
  
```

NullPointerException

Netflix Ribbon

Netflix Feign

Feign

Spring Cloud Bus

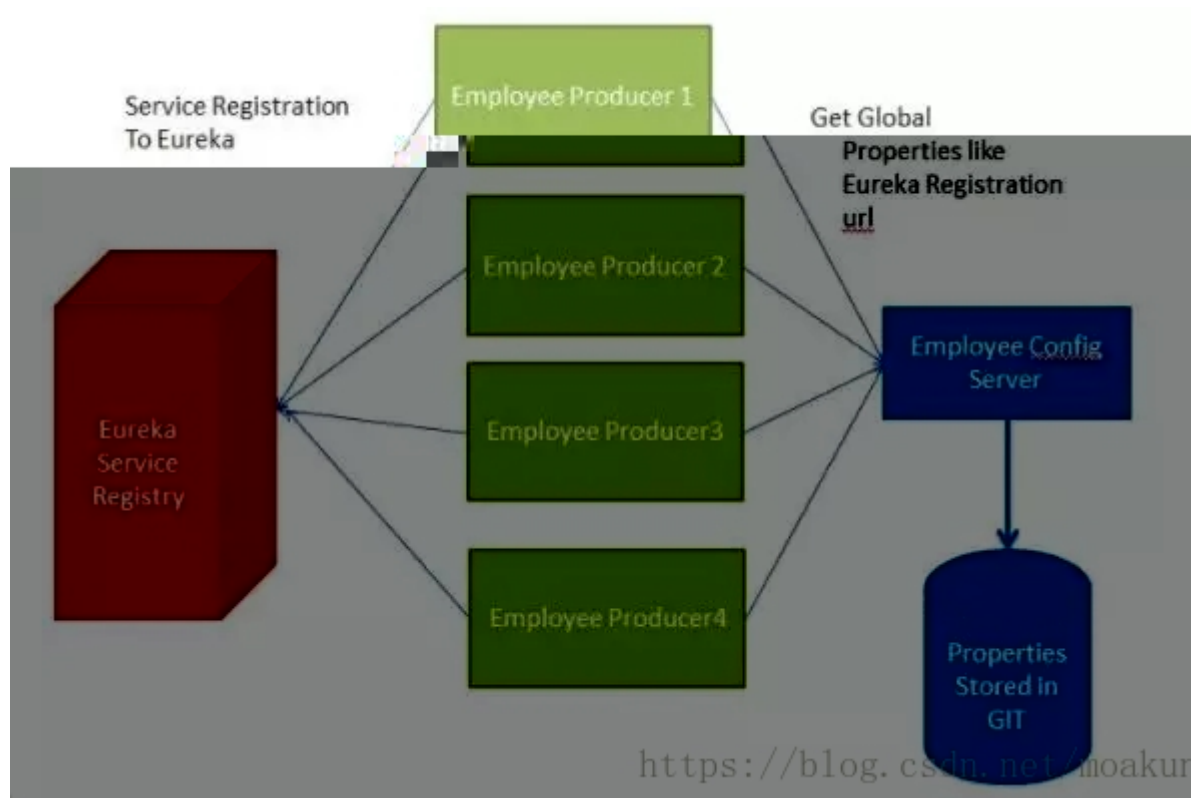
Spring Cloud Config

Spring Cloud Config

GIT

Employee Config Module

Eureka



GIT

Eureka

Eureka

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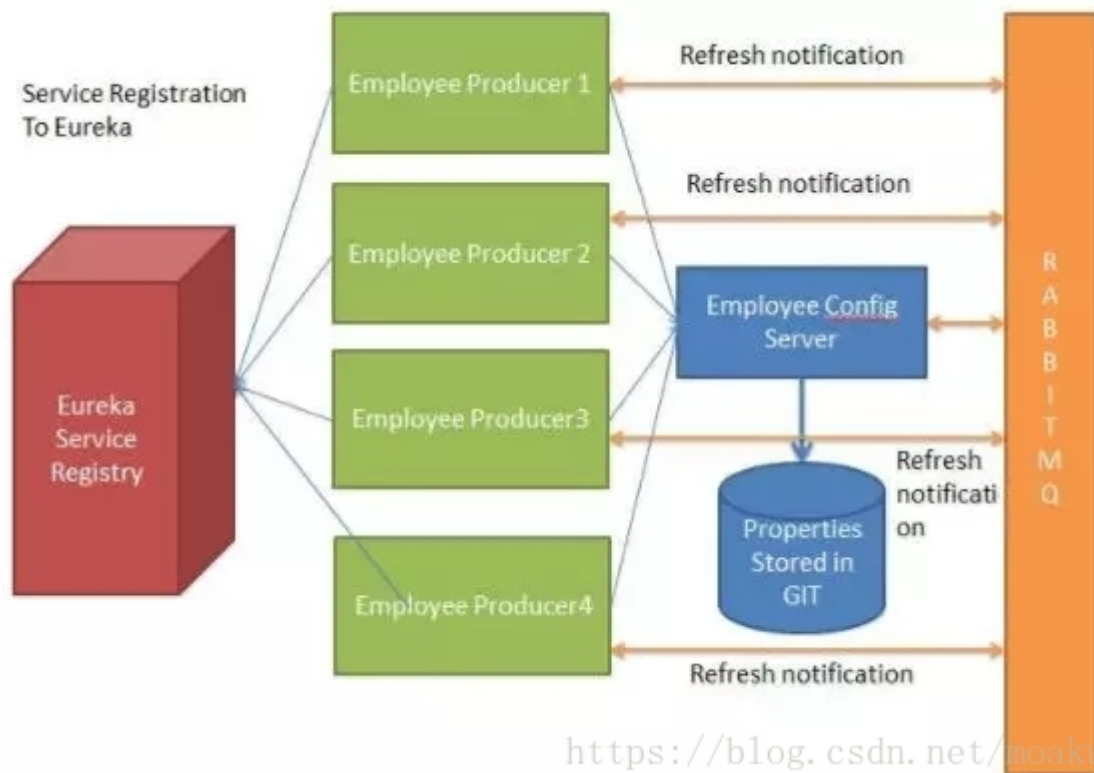
url

Employee Producer1 8080 http // localhost 8080 / refresh

Employee Producer2 http // localhost 8081 / refresh

Spring Cloud

Bus



Spring Cloud Bus  
Employee Producer1

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