

文档名称 文档密级

Day6 CSE实战之开发网关

1 打卡任务

作业:

- 1、使用DefaultEdgeDispatcher开发一个EdgeService网关服务打卡:
- 1、通过EdgeService成功调用consumer和provider服务并截图。

打卡任务基于Day5打卡作业的demo项目:



2 准备工作

1、正常运行Day5的demo

3 开发 EdgeService 网关服务

1、在创建一个EdgeService的maven工程,pom文件配置如下:



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```
cproperties>
       <cse.version>2.3.62</cse.version>
       <main.class>microservice.demo.training21days.consumer.AppMain/main.class>
     </properties>
     <dependencyManagement>
       <dependencies>
         <dependency>
           <groupId>com.huawei.paas.cse</groupId>
           <artifactId>cse-dependency</artifactId>
           <version>${cse.version}</version>
           <type>pom</type>
           <scope>import</scope>
         </dependency>
       </dependencies>
     </dependencyManagement>
     <dependencies>
       <dependency>
         <groupId>com.huawei.paas.cse</groupId>
         <artifactId>cse-solution-service-engine</artifactId>
       </dependency>
       <dependency>
         <groupId>org.apache.servicecomb</groupId>
         <artifactId>edge-core</artifactId>
       </dependency>
     </dependencies>
2、定义一个main类
   package microservice.demo.training21days.edge;
   import org.apache.servicecomb.foundation.common.utils.BeanUtils;
   import org.apache.servicecomb.foundation.common.utils.Log4jUtils;
   public class AppMain {
     public static void main(String[] args) throws Exception {
       Log4jUtils.init();
       BeanUtils.init();
   }
3、配置一份microservice.yaml文件
```



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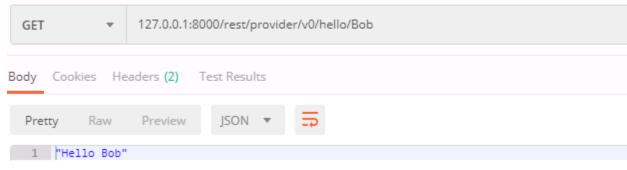
```
APPLICATION_ID: Training21Days-HelloWorld
service_description:
 name: edge
 version: 0.0.1
cse:
  service:
   registry:
     address: https://cse.cn-north-1.myhuaweicloud.com:443
       watch: false
  config:
   client:
     serverUri: https://cse.cn-north-1.myhuaweicloud.com:443
     refreshMode: 1
     refresh_interval: 5000
 monitor:
   client:
     serverUri: https://cse.cn-north-1.myhuaweicloud.com:443
 rest:
   address: 0.0.0.0:8000
 credentials:
   accessKey: .your .ak
   secretKey: .your .sk
   project: cn-north-1
   .akskCustomCipher: .default
 http:
   dispatcher:
     edge:
                  .....#.使用DefaultEdgeDispatcher开发网关服务
       default:
         enabled: true . . . . . . . . #.开启DefaultEdgeDispatcher
                        .....#. 匹配请求路径前缀为/rest
         prefix: rest.
         #.withVersion默认值就是true,这里只是展示一下,实际上可以省略该配置
         withVersion: true...
                            ....#.请求带版本号,例如v1表示[1.0.0,2.0.0]范围内的微服务版本
         #.prefixSegmentCount默认值就是1,这里只是展示一下,实际上可以省略该配置
         prefixSegmentCount: 1 # 前缀长度,例如/rest/provider/v0/hello/Bob, 去掉第一段,将/p
```

4、启动edge/consumer/provider三个服务,通过edge调用consumer和provider

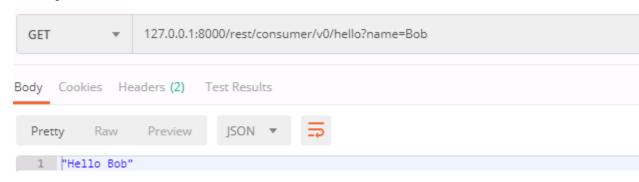
4 打卡截图

1、通过edge调用provider服务





2、通过edge调用consumer服务



参考答案:

