# Springcloud微服务

microservicecloud

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| Xml:  <packaging>pom</packaging> <modules>  <module>microservicecloud-api</module>  <module>microservicecloud-provider-dept-8001</module>  <module>microservicecloud-consumer-dept-80</module>  <module>microservicecloud-eureka-7001</module>  <module>microservicecloud-eureka-7002</module>  <module>microservicecloud-eureka-7003</module> </modules>  <properties>  <project.build.sourceEnconding>UTF-8</project.build.sourceEnconding>  <maven.compiler.source>1.8</maven.compiler.source>  <maven.compiler.target>1.8</maven.compiler.target>  <junit.version>4.12</junit.version>  <log4j.version>1.2.17</log4j.version>  <lombok.version>1.16.18</lombok.version> </properties>  <dependencyManagement>  <dependencies>  <dependency>  <groupId>org.springframework.cloud</groupId>  <artifactId>spring-cloud-dependencies</artifactId>  <version>Dalston.SR1</version>  <type>pom</type>  <scope>import</scope>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-dependencies</artifactId>  <version>1.5.9.RELEASE</version>  <type>pom</type>  <scope>import</scope>  </dependency>  <dependency>  <groupId>mysql</groupId>  <artifactId>mysql-connector-java</artifactId>  <version>5.1.44</version>  </dependency>  <dependency>  <groupId>com.alibaba</groupId>  <artifactId>druid</artifactId>  <version>1.0.5</version>  </dependency>  <dependency>  <groupId>org.mybatis.spring.boot</groupId>  <artifactId>mybatis-spring-boot-starter</artifactId>  <version>1.3.0</version>  </dependency>  <dependency>  <groupId>ch.qos.logback</groupId>  <artifactId>logback-core</artifactId>  <version>1.2.3</version>  </dependency>  <dependency>  <groupId>junit</groupId>  <artifactId>junit</artifactId>  <version>${junit.version}</version>  <scope>test</scope>  </dependency>  <dependency>  <groupId>log4j</groupId>  <artifactId>log4j</artifactId>  <version>${log4j.version}</version>  </dependency>  </dependencies> </dependencyManagement>  <build>  <finalName>microservicecloud</finalName>  <resources>  <resource>  <directory>src/main/resources</directory>  <filtering>true</filtering>  </resource>  </resources>  <plugins>  <plugin>  <groupId>org.apache.maven.plugins</groupId>  <artifactId>maven-resources-plugin</artifactId>  <configuration>  <delimiters>  <delimit>$</delimit>  </delimiters>  </configuration>  </plugin>  </plugins> </build> |

microservicecloud-api

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| Xml:  <dependencies>  <dependency>  <groupId>org.projectlombok</groupId>  <artifactId>lombok</artifactId>  <version>1.16.18</version>  </dependency> </dependencies> |

microservicecloud-provider-dept-8001

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| Xml:  <dependencies>  <dependency>  <groupId>com.wzj.springcloud</groupId>  <artifactId>microservicecloud-api</artifactId>  <version>${project.version}</version>  </dependency>  <dependency>  <groupId>junit</groupId>  <artifactId>junit</artifactId>  </dependency>  <dependency>  <groupId>mysql</groupId>  <artifactId>mysql-connector-java</artifactId>  </dependency>  <dependency>  <groupId>com.alibaba</groupId>  <artifactId>druid</artifactId>  </dependency>  <dependency>  <groupId>ch.qos.logback</groupId>  <artifactId>logback-core</artifactId>  </dependency>  <dependency>  <groupId>org.mybatis.spring.boot</groupId>  <artifactId>mybatis-spring-boot-starter</artifactId>  </dependency>  <!--<dependency>  <groupId>maven-repository.org.springframework.boot</groupId>  <artifactId>spring-boot-starter-jetty</artifactId>  </dependency>-->  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-web</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-test</artifactId>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>springloaded</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-devtools</artifactId>  </dependency>    <!--将微服务provider注册进eureka-->  <dependency>  <groupId>org.springframework.cloud</groupId>  <artifactId>spring-cloud-starter-eureka</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.cloud</groupId>  <artifactId>spring-cloud-starter-config</artifactId>  </dependency>   <!--主管监控和信息配置-->  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-actuator</artifactId>  </dependency> </dependencies>  Yml:  **server**:  **port**: 8001  **mybatis**:  **config-location**: classpath:mybatis/mybatis.cfg.xml *#mybatis配置文件所在路径* **type-aliases-package**: com.wzj.springcloud.entities *#所有Entity别名类所在的包* **mapper-locations**:  - classpath:mybatis/mapper/\*\*/\*.xml *#mqpper映射文件* **spring**:  **application**:  **name**: microservicecloud-dept  **datasource**:  **type**: com.alibaba.druid.pool.DruidDataSource *#当前数据源操作类型* **driver-class-name**: org.gjt.mm.mysql.Driver *#mysql驱动包* **url**: jdbc:mysql://192.168.140.128:3306/cloudDB01 *#数据库名称* **username**: root  **password**: 123456  **dbcp2**:  **min-idle**: 5  **initial-size**: 5  **max-total**: 5  **max-wait-millis**: 200  **eureka**:  **client**: *#客户端注册进eureka服务列表中* **service-url**:  *#defaultZone: http://localhost:7001/eureka #eureka服务地址* **defaultZone**: http://eureka7002.com:7002/eureka/,http://eureka7001.com:7001/eureka/,http://eureka7003.com:7003/eureka/ *#eureka服务地址* **instance**:  **instance-id**: microservicecloud-dept8001 *#自定义服务名称信息* **prefer-ip-address**: true *#访问路径可以显示ip地址* **info**: *#配置info信息链接* **app.name**: wzj-microservicecloud  **company.name**: www.wzj.com  **build.artifactId**: $project.artifactId$  **build.version**: $project.version$ |

microservicecloud-consumer-dept-80

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| Xml:  <dependencies>  <dependency>  <groupId>com.wzj.springcloud</groupId>  <artifactId>microservicecloud-api</artifactId>  <version>${project.version}</version>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-web</artifactId>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>springloaded</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-devtools</artifactId>  </dependency>    <!--ribbon相关，需要和eureka整合-->  <dependency>  <groupId>org.springframework.cloud</groupId>  <artifactId>spring-cloud-starter-eureka</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.cloud</groupId>  <artifactId>spring-cloud-starter-ribbon</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.cloud</groupId>  <artifactId>spring-cloud-starter-config</artifactId>  </dependency> </dependencies>  Yml:  **server**:  **port**: 80   **eureka**:  **client**:  **register-with-eureka**: false  **service-url**:  **defaultZone**: http://eureka7002.com:7002/eureka/,http://eureka7001.com:7001/eureka/,http://eureka7003.com:7003/eureka/ *#eureka服务地址* |

microservicecloud-eureka-7001

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| Xml:  <dependencies>  <dependency>  <groupId>org.springframework.cloud</groupId>  <artifactId>spring-cloud-starter-eureka-server</artifactId>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>springloaded</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-devtools</artifactId>  </dependency> </dependencies>  Yml:  **server**:  **port**: 7001  **eureka**:  **server**:  **enable-self-preservation**: true *#开启eureka的自我保护机制，默认开启* **instance**:  **hostname**: eureka7001.com  *#hostname: localhost #eureka服务端的实例名称,单机版* **client**:  **register-with-eureka**: false *#false表示不向注册中心注册自己* **fetch-registry**: false *#false表示自己端就是注册中心，职责就是维护服务实例，并不需要去检索服务* **service-url**:  *#单机 defaultZone: http://${eureka.instance.hostname}:${server.port}/eureka/ #设置与eureka server交互的地址查询服务和注册服务都需要这个地址* **defaultZone**: http://eureka7002.com:7002/eureka/,http://eureka7003.com:7003/eureka/ |