# 数据服务组件

1.工程介绍：

|  |  |  |  |
| --- | --- | --- | --- |
| 工程名称 | 描述 | 端口 | version |
| Dataservice-eureka-server | 服务发现与注册中心 | 8761 | dataservice-eureka-server-0.0.1-SNAPSHOT.jar |
| Dataservice-config-server | 配置管理中心 | 8762 | dataservice-config-server-0.0.1-SNAPSHOT.jar |
| Datasercice-zuul | 动态路由 | 8765 | dataservice-zuul-0.0.1-SNAPSHOT.jar |
| Dataservice-feign | 客户端负载均衡 | 8764 | dataservice-feign-0.0.1-SNAPSHOT.jar |
| dataservice-ribbon | 负载均衡 | 8789 | dataservice-ribbon-0.0.1-SNAPSHOT.jar |
| Dataservice-hystrix-dashboard | 可视化监控台 | 8763 | dataservice-hystrix-dashboard-0.0.1-SNAPSHOT.jar |
| Dataservice-turbine | 集群下hystrix可视化监控台 | 8766 | dataservice-turbine-0.0.1-SNAPSHOT.jar |
| Dataservice-sleuth | 服务链路追踪 | 8767 | dataservice-sleuth-0.0.1-SNAPSHOT.jar |
| Dataservice-service-admin | Spring boot admin监控台 | 8768 | dataservice-service-admin-0.0.1-SNAPSHOT.jar |
| Dataservice-service-a | 测试配置中心读取配置文件 | 8769 |  |
| Dataservice-service-b | 测试读取sqlserver数据库 | 8799 |  |
| Dataservice-hystrix-ribbon | 测试熔断和可视化监控 | 8790 |  |
| Dataservice-service-c | 测试链路追踪 | 8791 |  |
| dataservice-api-gateway | 服务网关 | 8080 | dataservice-api-gateway-0.0.1-SNAPSHOT.jar |
| dataservice-auth-center | 权限中心 | 8088 | dataservice-auth-center-0.0.1-SNAPSHOT.jar |
| dataservice-service-backend | 权限中心测试demo | 8082 | dataservice-service-backendr-0.0.1-SNAPSHOT.jar |
| Dataservice-common | 工程公共模块 |  |  |

2.服务测试：

|  |  |  |  |
| --- | --- | --- | --- |
| 测试服务工程名称 | 描述 | 请求地址 | 需要启动服务 |
| Dataservice-eureka-server | 注册中心 | http://localhost:8761/ | Dataservice-eureka-server |
| Dataservice-config-server | 配置中心 | http://localhost:8769/test | Dataservice-eureka-server  Dataservice-config-server  Dataservice-service-a |
| Dataservice-feign | 客户端负载均衡器 | http://localhost:8764/add?a=1&b=2 | Dataservice-eureka-server  Dataservice-config-server  Dataservice-service-a  Dataservice-service-d |
| Dataservice-service-admin | Spring boot admin监控台 | http://localhost:8768/#/ | Dataservice-eureka-server  Dataservice-service-b  Dataservice-service-admin |
| Dataservice-zuul | 动态路由 | http://localhost:8765/api-a-url/from | Dataservice-eureka-server  Dataservice-config-server  Dataservice-service-a  Dataservice-zuul |
| Dataservice-hystrix-dashboard | 可视化监控台 | <http://localhost:8763/hystrix.stream>  输入http://localhost:8790/hystrix.stream  请求http://localhost:8790/hystrix?a=1&b=2 | Dataservice-eureka-server  Dataservice-service-b  Dataservice-hystrix-ribbon  Dataservice-hystrix-dashboard |
| Dataservice-turbine | 集群下hystrix可视化监控台 | <http://localhost:8763/hystrix.stream>  输入<http://localhost:8766//turbine.stream>  http://localhost:8790/hystrix?a=1&b=2 | Dataservice-eureka-server  Dataservice-service-b  Dataservice-hystrix-ribbon  Dataservice-hystrix-dashboard  Dataservice-turbine |
| Dataservice-hystrixp-ribbon | 负载均衡与熔断 | http://localhost:8790/hystrix?a=1&b=1 | Dataservice-eureka-server  Dataservice-ribbon  Dataservice-hystrix-ribbon |
| Dataservice-sleuth | 链路追踪 | http://localhost:8769/testServiceC?a=1&b=2 | Dataservice-eureka-server  Dataservice-config-server  Dataservice-sleuth  Dataservice-service-a  Dataservice-service-c |
| dataservice-auth-center | 权限中心 | 用postman进行如下设置：  参考附件图片按顺序操作！ | Dataservice-eureka-server  dataservice-api-gateway  dataservice-auth-center  dataservice-service-backend |

# 二．测试环境机器列表

服务测试环境：

|  |  |  |
| --- | --- | --- |
| 机器IP | 部署目录 | JDK版本 |
| 10.10.109.56 | /dataservice-test | 1.8.0\_162 |
| 10.10.109.57 | /dataservice-test | 1.8.0\_162 |
| 10.10.109.58 | /dataservice-test | 1.8.0\_162 |

SQL Server数据库测试环境：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 机器IP | Data Source | Initial Catalog | User ID | Password |
| 10.10.110.10 | 10.10.110.10\MSSQLSERVER2014 | MainData | sa | 1111.aaa |