# 集成dubbo

1. 引入pom

<dependency>

<groupId>org.apache.dubbo</groupId>

<artifactId>dubbo-spring-boot-starter</artifactId>

<version>2.7.3</version>

</dependency>

<dependency>

<groupId>org.apache.dubbo</groupId>

<artifactId>dubbo</artifactId>

<version>2.7.3</version>

</dependency>

<dependency>

<groupId>org.apache.dubbo</groupId>

<artifactId>dubbo-dependencies-zookeeper</artifactId>

<version>${dubbo.version}</version>

<type>pom</type>

</dependency>

1. Application.properties

dubbo.application.id=demo-dubbo-provider-1

dubbo.application.name=demo-dubbo-provider

dubbo.registry.address=zookeeper://127.0.0.1:2181

dubbo.protocol.name=dubbo

dubbo.protocol.port=20880

dubbo.scan.base-packages=cn.tianya.zuan.component

1. [实现@org.apache.dubbo.config.annotation.Service](mailto:实现@org.apache.dubbo.config.annotation.Service)

# Spring boot admin ui

## Server

1. 引入jar包

<admin.ui.version>2.1.1</admin.ui.version>

<dependency>  
 <groupId>de.codecentric</groupId>  
 <artifactId>spring-boot-admin-server</artifactId>  
 <version>${admin.ui.version}</version>  
</dependency>  
<dependency>  
 <groupId>de.codecentric</groupId>  
 <artifactId>spring-boot-admin-server-ui</artifactId>  
 <version>${admin.ui.version}</version>  
</dependency>  
<dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-web</artifactId>  
</dependency>  
*<!--配置发送email-->*<dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-mail</artifactId>  
</dependency>

1. 注解

在主类上增加注解

@EnableAdminServer

启动即可

## Client

1. 引入jar包

*<!--监控 -->*<dependency>  
 <groupId>de.codecentric</groupId>  
 <artifactId>spring-boot-admin-starter-client</artifactId>  
 <version>2.1.1</version>  
</dependency>

1. 写入配置

*#admin.ui*spring.boot.admin.client.url=http://localhost:8081  
spring.boot.admin.client.instance.service-url=http://localhost:8080  
spring.boot.admin.client.instance.name=clientDemo  
management.endpoints.web.exposure.include=\*

注意: 服务注册必须是web服务