

Dubbo 允许配置多协议，在不同服务上支持不同协议或者同一服务上同时支持多种协议。

不同服务在性能上适用不同协议进行传输，比如大数据用短连接协议，小数据大并发用长连接协议

```
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xmlns:dubbo="http://dubbo.apache.org/schema/dubbo"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans-4.3.xsd
http://dubbo.apache.org/schema/dubbo http://dubbo.apache.org/schema/dubbo/dubbo.xsd">
    <dubbo:application name="world" />
    <dubbo:registry id="registry" address="10.20.141.150:9090" username="admin"
password="hello1234" />
    <!-- 多协议配置 -->
    <dubbo:protocol name="dubbo" port="20880" />
    <dubbo:protocol name="rmi" port="1099" />
    <!-- 使用dubbo协议暴露服务 -->
    <dubbo:service interface="com.alibaba.hello.api.HelloService" version="1.0.0"
ref="helloService" protocol="dubbo" />
    <!-- 使用rmi协议暴露服务 -->
    <dubbo:service interface="com.alibaba.hello.api.DemoService" version="1.0.0"
ref="demoService" protocol="rmi" />
</beans>
```

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<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xmlns:dubbo="http://dubbo.apache.org/schema/dubbo"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans-4.3.xsd
http://dubbo.apache.org/schema/dubbo http://dubbo.apache.org/schema/dubbo/dubbo.xsd">
    <dubbo:application name="world" />
```

```
<dubbo:registry id="registry" address="10.20.141.150:9090" username="admin"
password="hello1234" />
<!-- 多协议配置 -->
<dubbo:protocol name="dubbo" port="20880" />
<dubbo:protocol name="hessian" port="8080" />
<!-- 使用多个协议暴露服务 -->
<dubbo:service id="helloService" interface="com.alibaba.hello.api.HelloService"
version="1.0.0" protocol="dubbo,hessian" />
</beans>
```