



链滴

springboot 配置 http https 双协议

作者: [smile](#)

原文链接: <https://ld246.com/article/1546569804577>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)



有时候我们需要对我们的springboot应用配置http,https双协议,方式有很多,先记下一种:

我们先看spring官方文档对于此问题解决:

[springboot文档](#)

78.7 Configure SSL

SSL can be configured declaratively by setting the various `server.ssl.*` properties, typically in a `application.properties` or `application.yml`. The following example shows setting SSL properties in `application.properties`:

```
server.port=8443
server.ssl.key-store=classpath:keystore.jks
server.ssl.key-store-password=secret
server.ssl.key-password=another-secret
```

See [Ssl](#) for details of all of the supported properties.

Using configuration such as the preceding example means the application no longer supports a plain HTTP connector at port 8080. Spring Boot does not support the configuration of both an HTTP connector and an HTTPS connector through `application.properties`. If you want to have both, you need to configure one of them programmatically. We recommend using `application.properties` to configure HTTPS, as the HTTP connector is the easier of the two to configure programmatically. See the [spring-boot-sample-tomcat-multi-connectors](#) sample project for an example.

简单说就是springboot启用https只需要在配置文件application.properties或application.yml当中配置server.ssl.key相关信息即可;但是springboot原生不支持http,https双协议同时启用,一旦启用https,则http不可访问.由于http访问更容易通过编程实现因此一般在配置文件中配置https,http通过编程实现.

另附http实现代码如下:

```
@Configuration
```

```
public class EmbeddedHttpConfig {
```

```
    @Value("${http.port}")
```

```
    private int httpPort;
```

```
    @Bean
```

```
    public EmbeddedServletContainerCustomizer customizeTomcatConnector() {
```

```
        return new EmbeddedServletContainerCustomizer() {
```

```
            @Override
```

```
            public void customize(ConfigurableEmbeddedServletContainer container) {
```

```
                if (container instanceof TomcatEmbeddedServletContainerFactory) {
```

```
                    TomcatEmbeddedServletContainerFactory containerFactory = (TomcatEmbeddedServlet  
ontainerFactory) container;
```

```
                    Connector connector = new Connector(TomcatEmbeddedServletContainerFactory.DEFAU  
T_PROTOCOL);
```

```
                        connector.setPort(httpPort);
```

```
                        containerFactory.addAdditionalTomcatConnectors(connector);
```

```
                }
```

```
            }
```

```
        };
```

```
    }
```

```
}
```