# 配置

## spring boot

引入包

*<*dependency*>  
 <*groupId*>*com.paypal.springboot*</*groupId*>  
 <*artifactId*>*resteasy-spring-boot-starter*</*artifactId*>  
 <*version*>*2.1.1-RELEASE*</*version*>  
 <*exclusions*>  
 <*exclusion*>  
 <*groupId*>*org.springframework.boot*</*groupId*>  
 <*artifactId*>*spring-boot-starter-logging*</*artifactId*>  
 </*exclusion*>  
 </*exclusions*>  
</*dependency*>*

升级到2.3.4 需要在 application.properties中增加配置：

#resteasy

server.context-parameters.resteasy.role.based.security=true

旧版本不需要配置application.properties

指定servletMapping 路径, 写一个类继承Application，然后交给spring管理

@Component  
@ApplicationPath("/im")  
public class JaxrsApplicationConfig extends Application *{  
}*

编写restful接口

@Component  
@Path("/room")  
public class RoomResource *{*   
 private  
 @Autowired  
 Processor*<*CreateRoomForm, CreateRoomResponse*>* createRoomProcessor;  
 @Path("/create")  
 @POST  
 @Produces(*{*MediaType.*APPLICATION\_JSON}*)  
 public CreateRoomResponse createRoom(@BeanParam CreateRoomForm form, CreateRoomBodyParams body) throws BusinessException *{* form.setBody(body);  
 CreateRoomResponse response = createRoomProcessor.invoke(form);  
 return response;  
 *}*

## 常用注解

### @Context

@Context 注解允许你注入下面这些类  
 • javax.ws.rs.core.HttpHeaders  
 • javax.ws.rs.core.UriInfo  
 • javax.ws.rs.core.Request  
 • javax.servlet.http.HttpServletRequest  
 • javax.servlet.http.HttpServletResponse  
 • javax.servlet.ServletConfig  
 • javax.servlet.ServletContext  
 • javax.ws.rs.core.SecurityContext  
在filter中使用较多

## Post 处理

### Content-Type application/json

* 注解

不用任何注解,用POJO实体接

* 请求body体: {name: "ym", age: 35}

@Component  
@Path(**"/rjson"**)  
**public class** BodyJsonTest ***{*** @POST  
 @Consumes(***{***MediaType.***APPLICATION\_JSON}***)  
 @Produces(***{***MediaType.***APPLICATION\_JSON}***)  
 **public** ACK***<***Player***>*** createRoom(Player player2) ***{*** System.***out***.println(player2);  
 **return new** ACK***<>***(**true**, **new** Player());  
 ***}  
}***

### Content-Type application/x-www-form-urlencoded

* 注解

@BeanParam 结合 @FormParam 封装请求实体

* Form Data

grade: ym

id: 35

@Component  
@Path(**"/rform"**)  
**public class** BeanParamTest ***{*** @POST  
 @Path(**"/beanParam"**)  
 @Consumes(***{***MediaType.***APPLICATION\_FORM\_URLENCODED}***)  
 @Produces(***{***MediaType.***APPLICATION\_JSON}***)  
 **public** ACK***<***Player***>*** createRoom(@BeanParam Student st) ***{*** System.***out***.println(st);  
 **return new** ACK***<>***(**true**, **new** Player());  
 ***}  
}***

**public class** Student **implements** java.io.Serializable ***{* @FormParam**(**"id"**)  
 **private int id**;  
 @FormParam(**"grade"**)  
 **private** String **grade**;

}

# 参考官方文档

http://docs.jboss.org/resteasy/docs/3.1.4.Final/userguide/html/