**Set up to work with spring mvc and swagger**

1. **Add below 3 Dependency in maven pom.xml**
2. <dependency>
3. <groupId>io.springfox</groupId>
4. <artifactId>springfox-swagger2</artifactId>
5. <version>2.6.1</version>
6. </dependency>
7. <dependency>
8. <groupId>org.webjars</groupId>
9. <artifactId>swagger-ui</artifactId>
10. <version>2.2.10</version>
11. </dependency>
12. <dependency>
13. <groupId>io.springfox</groupId>
14. <artifactId>springfox-swagger-ui</artifactId>
15. <version>2.6.1</version>
16. </dependency>

**2. Enable default handler in spring bean configuration file**

<mvc:default-servlet-handler />

**3. Write your configuration class to enable swagger**

Here we need to specify our API information like who create, what is license is any url specific to organization etc...

And we need to specify the path of your controller method for whom you want to create REST API.

package com.spring.mvc.swagger.config;

import org.springframework.context.annotation.Bean;

import org.springframework.context.annotation.ComponentScan;

import org.springframework.context.annotation.Configuration;

import com.google.common.base.Predicate;

import springfox.documentation.builders.ApiInfoBuilder;

import springfox.documentation.service.ApiInfo;

import springfox.documentation.spi.DocumentationType;

import springfox.documentation.spring.web.plugins.Docket;

import springfox.documentation.swagger2.annotations.EnableSwagger2;

import static springfox.documentation.builders.PathSelectors.regex;

import static com.google.common.base.Predicates.or;

@Configuration

@EnableSwagger2

@ComponentScan("com.spring.mvc.swagger.\*")

public class UMSSwaggerConfig {

@Bean

public Docket postsApi() {

return new Docket(DocumentationType.SWAGGER\_2).groupName("public-api")

.apiInfo(apiInfo()).select().paths(postPaths()).build();

}

private Predicate<String> postPaths() {

return or(regex("/service/.\*"), regex("/service.\*"));

}

@SuppressWarnings("deprecation")

private ApiInfo apiInfo() {

return new ApiInfoBuilder().title("USER CURD API")

.description("Sample API Generateed Using SWAGGER")

.termsOfServiceUrl("www.Java\_Gyan\_Mantra.com")

.contact("Basant Kumar Hota")

.license("java.gyan.mantra@gmail.com")

.licenseUrl("https://www.facebook.com/groups/919464521471923/")

.version("1.0").build();

}

}

This 3 steps we need to follow to Enable and generate Swagger-UI