

Setting Up Swagger with a Spring REST API

Swagger is an open source software framework backed by a large ecosystem of tools that helps developers design, build, document, and consume RESTful Web services

Adding the Maven Dependency

```
<dependency>

    <groupId>io.springfox</groupId>

    <artifactId>springfox-swagger2</artifactId>

    <version>2.7.0</version>

</dependency><dependency>

    <groupId>io.springfox</groupId>

    <artifactId>springfox-swagger-ui</artifactId>

    <version>2.7.0</version>

</dependency>
```

Java Configuration

```
package com.adobe.prj;

import java.util.Collections;
import org.springframework.context.annotation.Bean;
import org.springframework.context.annotation.Configuration;

import springfox.documentation.builders.PathSelectors;
import springfox.documentation.builders.RequestHandlerSelectors;
import springfox.documentation.service.ApiInfo;
import springfox.documentation.service.Contact;
import springfox.documentation.spi.DocumentationType;
import springfox.documentation.spring.web.plugins.Docket;
import springfox.documentation.swagger2.annotations.EnableSwagger2;

@Configuration
@EnableSwagger2
public class SwaggerConfig {

    @Bean
    public Docket api() {
        return new Docket(DocumentationType.SWAGGER_2)
            .select()
            .apis(RequestHandlerSelectors.any())
```

```

        .paths(PathSelectors.any())

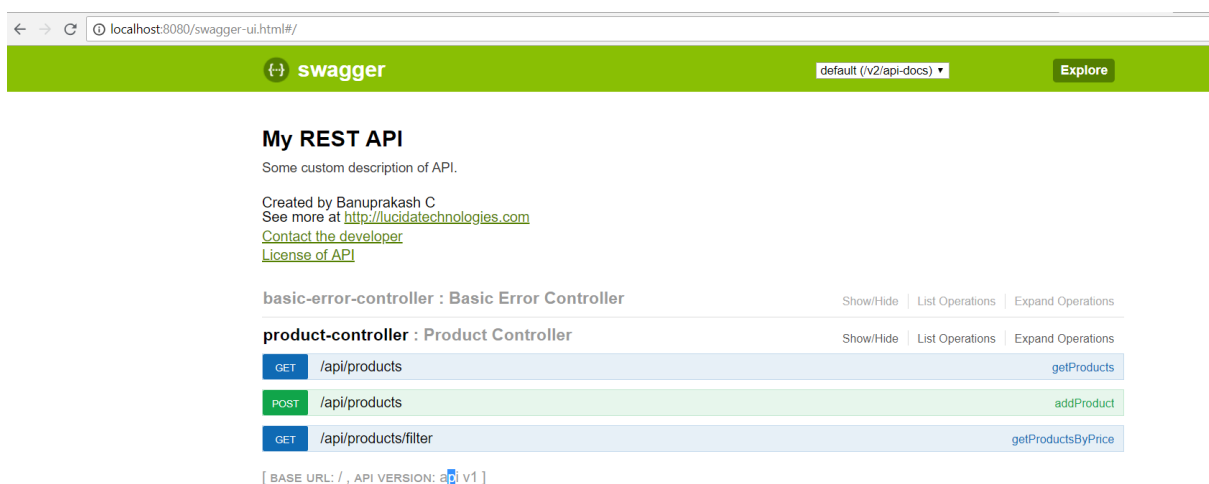
        .build()

        .apiInfo(apiInfo());
    }

    private ApiInfo apiInfo() {
        return new ApiInfo(
            "Meeting Room booking APIs",
            "Some custom description of API.",
            "api v1",
            "Terms of service",
            new Contact("Banuprakash C", "http://lucidatechnologies.com",
"banu@lucidatechnologies.com"),
            "License of API",
            "API license URL",
            Collections.emptyList());
    }
}

```

Run Spring Boot and Use the below URL to access API Documentation:
<http://localhost:8080/swagger-ui.html#/>



The screenshot shows the Swagger UI interface in a web browser. The address bar displays `localhost:8080/swagger-ui.html#/`. The interface has a green header with the Swagger logo, a dropdown menu set to 'default (v2/api-docs)', and an 'Explore' button.


My REST API
 Some custom description of API.

Created by Banuprakash C
 See more at <http://lucidatechnologies.com>
[Contact the developer](#)
[License of API](#)

basic-error-controller : Basic Error Controller Show/Hide | List Operations | Expand Operations

product-controller : Product Controller Show/Hide | List Operations | Expand Operations

GET	/api/products	getProducts
POST	/api/products	addProduct
GET	/api/products/filter	getProductsByPrice

[BASE URL: / , API VERSION:  V1]