

Spring Framework: Documenting Spring Data Rest APIs with Swagger and Springfox

UNDERSTANDING SWAGGER



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Why Document?



Users did not write the API

Answer questions

Know what is available and how to use it

Helps your API get used

Identify changes when update



Maintaining Documentation



To document or not?

**Must maintain
accuracy**



Generated from code

**Less errors
Ready with code**



Quick and easy

“Free” documentation



Demo



Example API documentation

- Swagger
- Springfox

Default settings

- Just a few lines of code to configure



Swagger

Open API Specification

Standard for
RESTful APIs

Swagger UI

Display API information
REST client

<http://swagger.io>

Additional tools for
API design, test,
and deployment





Springfox

- Generate Swagger from Spring project
- Uses Spring and Swagger annotations

Add meaningful documentation

```
public class Employee {  
@ApiModelProperty(value = "Employee name")  
    public String name;
```

Sometimes less is more

Good defaults without lots of annotations

Up Next:

Using Swagger in Your Project

