



# Spring Boot Microservices

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Beginner to Guru

Introduction to Spring REST Docs



## Spring REST Docs

- **What is it?** - A tool for generating API documentation
- Developed by Andy Wilkinson of Pivotal
- Spring REST Docs hooks into controller tests to generate documentation snippets
- The snippets are then assembled into final documentation via Asciidoctor
- Test Clients Supported:
  - Spring MVC Test
  - WebTestClient (Webflux)
  - REST Assured



## Test Framework Supported

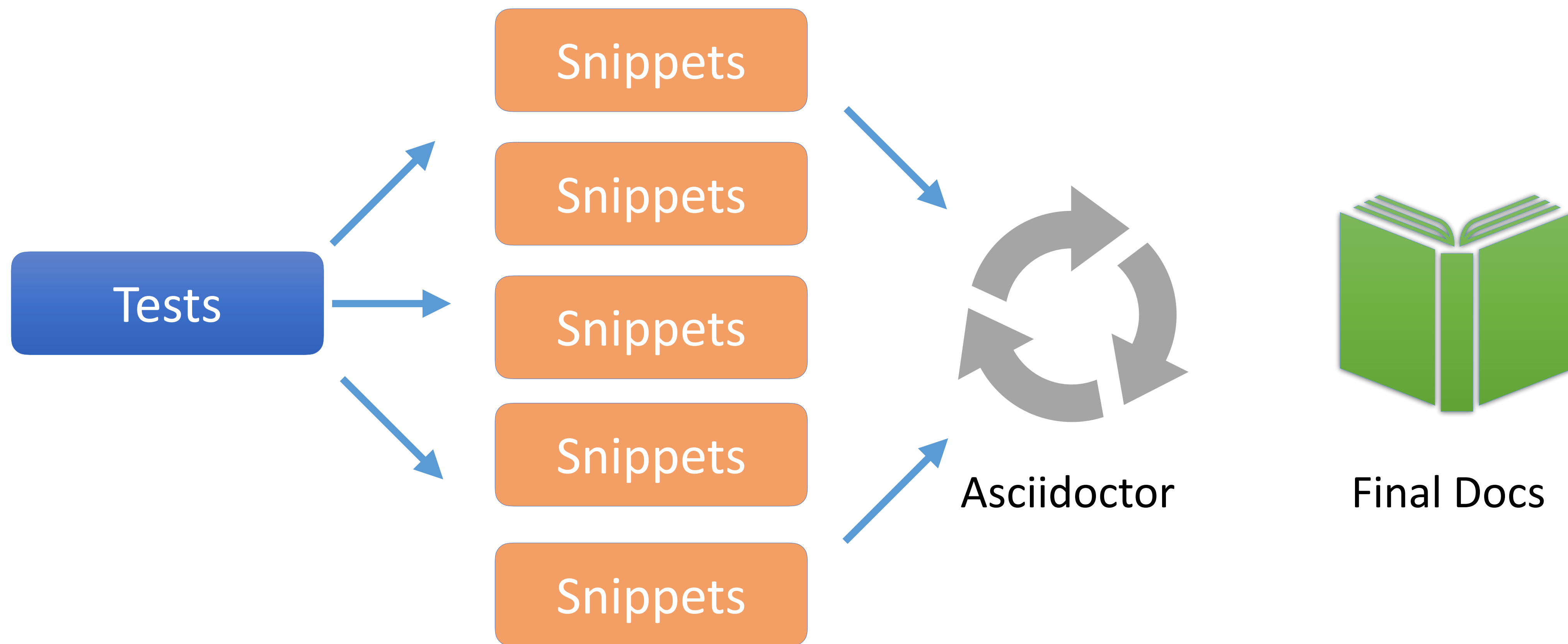
- Spring REST Docs supports the following testing frameworks:
  - JUnit 5
  - JUnit 4
  - Spock
  - Test NG (additional configuration required)



## Default Snippets

- curl-request
- http-request
- http-response
- httpie-request
- request-body
- response-body







## Spring REST Doc Options

- Can Optionally use Markdown rather than Asciidoctor
- Maven and Gradle maybe used for the build process
- You can package the documentation to be served as static content via Spring Boot
- Extensive options for customizing Asciidotor output





## Third Party Extensions

- **restdocs-wiremock** - Auto generate WireMock Stubs
- **restdocsex-jersey** - Enable use of REST Docs with Jersey's test framework
- **spring-auto-restdocs** - Use reflection to automatically document request and response parameters
- **restdocs-api-spec** - Generate OpenAPI 2 and OpenAPI 3 specifications



## Coming Up In The Course

- Code Review of New Example Project
- Configuration of Maven Support
- Configuration of JUnit 5 Tests
- Documentation how-tos



