

Spring.mvc



InformAtelier

Pattern MVC

- Model, data model
 - Controller modified,
 - View observed
- View
 - Model presentation
- Controller
 - View Modifying actions on model



Spring Model

- Key Value map, where key is a String and value is an Object.
- Value will be presented inserting the Key inside the view template.



View Spring Thymeleaf

```
<!DOCTYPE HTML>  
<html xmlns:th="http://www.thymeleaf.org">  
  <head>  
    <title>Getting Started: Serving Web Content</title>  
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />  
  </head>  
  <body>  
    <p th:text="'Hello, ' + ${name} + '!'" />  
  </body>  
</html>
```



Controller MVC Spring

@Controller

```
public class GreetingController {
```

```
    @GetMapping("/greeting")
```

```
    public String greeting(@RequestParam(name="name", required=false,  
                           defaultValue="World") String name, Model model) {
```

```
        model.addAttribute("name", name);
```

```
        return "greeting";
```

```
    }
```

```
}
```



Spring Boot Web App

```
@SpringBootApplication  
public class Application {  
  
    public static void main(String[] args) throws Exception {  
        SpringApplication.run(Application.class, args);  
    }  
  
}
```



Conventions

- Dir layout
- Classpath addon adapters



Riferimenti

- <https://docs.spring.io/spring-boot/docs/current-SNAPSHOT/reference/htmlsingle/#boot-features-spring-mvc>
- <https://docs.spring.io/spring/docs/5.1.1.BUILD-SNAPSHOT/spring-framework-reference/web.html#mvc>

