

# Spring MVC: Designing Real-World Web Applications



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Spring MVC helps you build flexible and loosely coupled web applications. The Spring MVC Framework is designed in such a way that every piece of logic and functionality is highly configurable. This Learning Path aims to make you an expert in designing web

applications with Spring MVC 4.

In our first module, we'll begin with an introduction to the Spring framework. You'll then learn aspect-oriented programming. Packed with real-world examples, you'll get an insight into how you can use Spring Expression Language in your applications to make them easier to manage and maintain.

In the second module, you'll learn everything you need to build modern Spring-based enterprise web applications. From practical development techniques and useful tools from the wider Spring ecosystem, to the new JEE standards, the impact of JavaScript, and even the Internet of Things, you'll feel confident that you can deploy Spring for an impressive range of creative purposes.

In the final module, you'll find out how to take advantage of Spring MVC's advanced features - essential if you are to properly master the framework. To do this you'll investigate the inner mechanics of Spring MVC, and how they tie into the broader principles that inform many modern web architectures. With further guidance on how to test, secure, and optimize your application, as well as designing RESTful services, you'll very quickly be ready to use Spring in your next web project.

This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products:

Spring Essentials by Shameer Kunjumohamed, Hamidreza Sattari

Spring MVC Cookbook by Alex Bretet

Mastering Spring MVC 4 by Geoffroy Warin

作者介绍:

Shameer Kunjumohamed

Shameer Kunjumohamed is a software architect specializing in Java-based enterprise application integrations, SOA, and the cloud. Besides Java, he is well-versed in the Node.js and Microsoft .NET platforms. He is interested in JavaScript MVC frameworks such as EmberJS, AngularJS, and ReactJS.

Shameer has co-authored another book, Spring Web Services 2 Cookbook, Packt Publishing with Hamidreza Sattari, who is the co-author of this book as well.

Based in Dubai, UAE, Shameer has over 15 years of experience in various functional domains. He currently works as a principal applications architect for a major shipping company in Dubai.

Hamidreza Sattari

Hamidreza Sattari is an IT professional and has worked in several areas of software engineering, from programming to architecture as well as management. He holds a master's degree in software engineering from Herriot Watt University, UK. In recent years, his areas of interest have been software architecture, data science, and machine learning. He co-authored the book Spring Web Services 2 Cookbook, Packt Publishing in 2012. He maintains the blog <http://justdeveloped-blog.blogspot.com/>.

Alex Bretet

Alex Bretet is a certified Java and Spring Integration engineer. Currently working at Thunderhead, a pioneer company and global actor among SaaS providers, he has a rich developer background from different industries including energy, insurance, finance, and the Internet.

Captivated by the Internet's communication capabilities and by start-ups, he believes in skunk development outcomes (when groups of like-minded people together achieve unbelievable targets on tight deadlines).

He also defends a number of open source initiatives and indeed Spring technologies, whose pragmatism constantly disrupts the most established practices and offers valuable alternatives for the benefit of all.

You can contact him at [alex.bretet@gmail.com](mailto:alex.bretet@gmail.com) or follow him on Twitter at [@abretet](https://twitter.com/abretet)

Geoffroy Warin

Geoffroy Warin has been programming since he was 10. A firm believer in the Software Craftsmanship movement and open source initiatives, he is a developer by choice and conviction. He has been working on the conception of enterprise-level web applications in Java and JavaScript throughout the course of his career.

At ease with both the backend and frontend, Geoffroy has a strong focus on Clean Code and testability. He believes that developers should strive for readable code that delivers constant value to their customers.

Pair programming and mentorship are his primary tools to promote a test-driven development approach and create great software designs.

He also teaches courses on Java web stacks and is a Groovy and Spring enthusiast.

Lately, he has been part of the reviewing team for Learning Spring Boot and Spring Boot Cookbook, both by Packt Publishing, which cover the latest major additions to the Spring ecosystem.

Check out his blog at <http://geowarin.github.io> and his Twitter account at <https://twitter.com/geowarin> for fresh Spring and JavaScript programming tips.

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