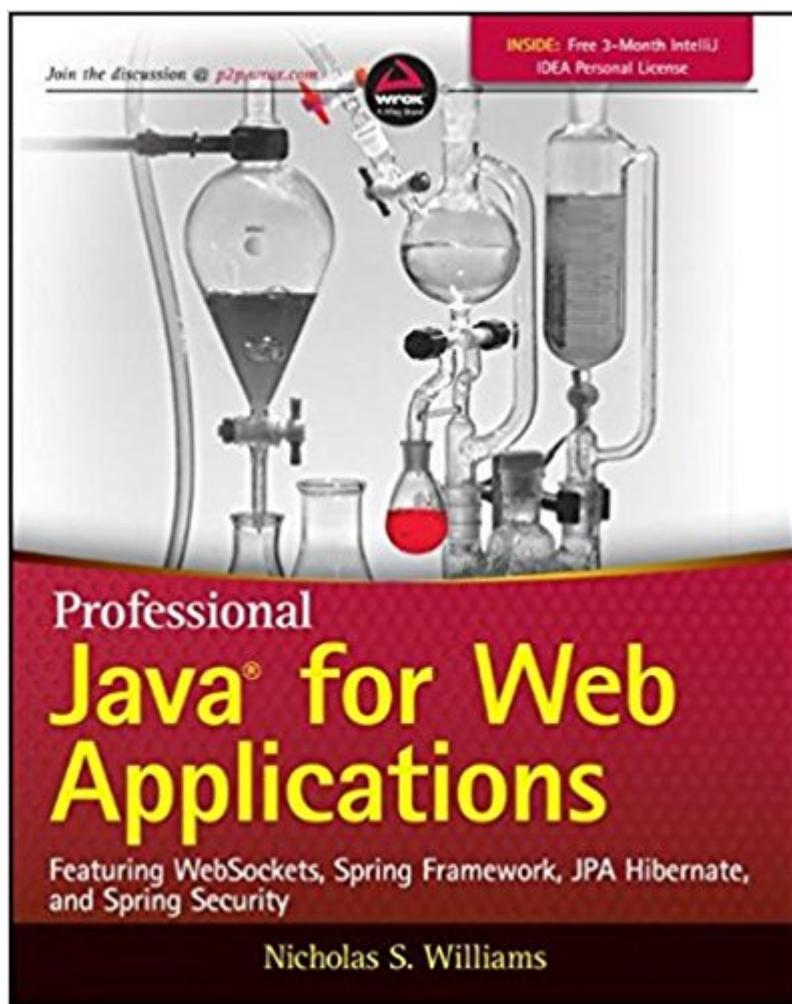


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# Professional Java For Web Applications



## Synopsis

The comprehensive Wrox guide for creating Java web applications for the enterprise. This guide shows Java software developers and software engineers how to build complex web applications in an enterprise environment. You'll begin with an introduction to the Java Enterprise Edition and the basic web application, then set up a development application server environment, learn about the tools used in the development process, and explore numerous Java technologies and practices. The book covers industry-standard tools and technologies, specific technologies, and underlying programming concepts. Java is an essential programming language used worldwide for both Android app development and enterprise-level corporate solutions. As a step-by-step guide or a general reference, this book provides an all-in-one Java development solution. Explains Java Enterprise Edition 7 and the basic web application, how to set up a development application server environment, which tools are needed during the development process, and how to apply various Java technologies. Covers new language features in Java 8, such as Lambda Expressions, and the new Java 8 Date & Time API introduced as part of JSR 310, replacing the legacy Date and Calendar APIs. Demonstrates the new, fully-duplex WebSocket web connection technology and its support in Java EE 7, allowing the reader to create rich, truly interactive web applications that can push updated data to the client automatically. Instructs the reader in the configuration and use of Log4j 2.0, Spring Framework 4 (including Spring Web MVC), Hibernate Validator, RabbitMQ, Hibernate ORM, Spring Data, Hibernate Search, and Spring Security. Covers application logging, JSR 340 Servlet API 3.1, JSR 245 JavaServer Pages (JSP) 2.3 (including custom tag libraries), JSR 341 Expression Language 3.0, JSR 356 WebSocket API 1.0, JSR 303/349 Bean Validation 1.1, JSR 317/338 Java Persistence API (JPA) 2.1, full-text searching with JPA, RESTful and SOAP web services, Advanced Message Queuing Protocol (AMQP), and OAuth. Professional Java for Web Applications is the complete Wrox guide for software developers who are familiar with Java and who are ready to build high-level enterprise Java web applications.

## Book Information

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## Customer Reviews

Take your Java coding skills to the next level. There's a reason that Java is one of the world's top programming languages. Programmers who are familiar with Java SE can easily move to building enterprise-level applications with Java EE that are secure, reliable, and scalable, without starting from square one. Professional Java for Web Applications is written with just this goal in mind. This book is for readers who already know Java SE, SQL, and basic HTML. Established programmers who are ready to take their Java coding skills to the next level. Software developers can read this book from cover to cover or turn to individual sections for reference when specific Java programming questions arise. Professional Java for Web Applications: Offers self-guided, self-study insights into Java coding for enterprise-level web applications. Helps web application architects apply new concepts to their development teams' projects and processes. Provides a comprehensive introduction to the Java EE platform version 7 and many of the technologies within it. Explores Servlets, JSPs, WebSockets, Spring Framework, AMQP, JPA and O/RMs, Spring Data, full-text searching, Apache Lucene and Hibernate Search, Spring Security, and OAuth. Features extensive use of lambda expressions and the new JSR 310 Java 8 Date and Time API, both additions to Java SE 8. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Nicholas S. Williams is a recognized expert in Java and related technologies. In 2010, he was named Software Engineer of the Year for Middle Tennessee. Nick participates extensively in the Open Source community, contributing bug fixes, new features, and documentation to projects like Apache Log4J, Apache Tomcat, Jackson Mapper, Spring Framework, and Spring Security.

A lot of good information here. It can be a bit wordy for my tastes. It starts packing in a lot of information very quickly after you get through the first few chapters which can be overwhelming and lead to a sense of feeling defeated. You may be better served getting a grounding in Servlets and JSP technology, and the Spring framework from some other sources first and then coming back to this book to reinforce and advance what you learned.

The book covers a lot of ground. The title of the book is a testament to the fact that it is no longer necessary to mention Java EE when writing a 900 page book about Java based web application. The author no doubt is a working programmer and in this book he has described several state of the art technologies and added numerous tips and code examples for developers. Author has also kept up with the trends in the developers community and didn't waste any space on practices that are falling out of use (such as XML configuration and SOAP web services) and instead focused on emerging trends (such as WebSockets). Author has written that Spring framework and related projects such as Spring Security are the tools that every developer of Java based web applications should keep in his toolbox. I couldn't agree more.

Not many programming books are published that not only use the latest versions of the software and programming language at the time of writing, but also go a step further and preview some up and coming technologies that will almost certainly be generally available by the time you read the book (e.g., Java 1.8 was released around the same time this book was published). This book is a great intro to the myriad Java enterprise frameworks available today. Learn how Java EE 7 has made Java EE relevant for the first time since Servlets were introduced. Not only are the main Java EE topics covered nicely, but there are a few chapters involving the ubiquitous Spring Framework that aid the programmer in implementing features that aren't very well covered yet by Java EE (like authentication that doesn't rely on the underlying operating system). If you're an enterprise software developer who primarily works on web-facing applications (which includes web services, not just websites), then this book is a great reference for the countless frameworks and acronyms that enterprise Java programming has to offer.

This book is the Best Book on Java EE application I have ever read. I am 10 years experienced java developer but still learnt a lot in this book. I have not enough time to write a detailed review but I will recommend this book to any developer willing to improve her java web skills

A lot of details if it is your first reading about these subjects, they may seem overwhelming at first but they will prove useful as you start to understand the topics more and more.

Wish there were more books like this one. Any one of the chapters would be worth the price.

Very comprehensive. But many things are not explained clearly. Sometimes it goes many pages without an example which make things very hard to understand.

Do not hesitate, best Java Web book! Highly recommended!

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