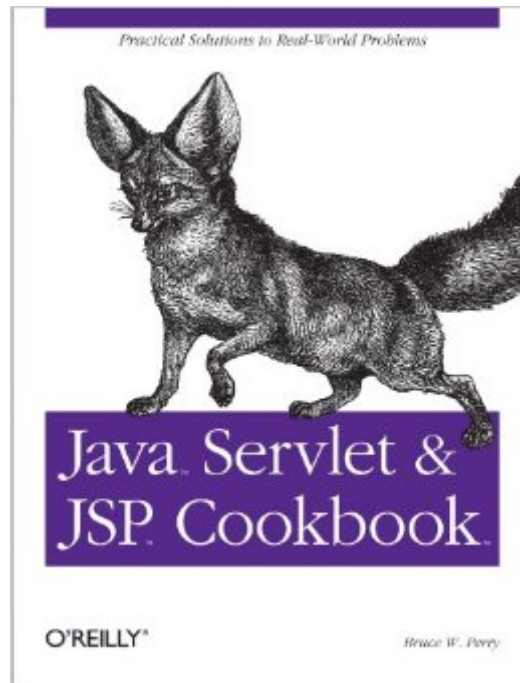# Java Servlet & JSP Cookbook

Synopsis

With literally hundreds of examples and thousands of lines of code, the Java Servlet and JSP Cookbook yields tips and techniques that any Java web developer who uses JavaServer Pages or servlets will use every day, along with full-fledged solutions to significant web application development problems that developers can insert directly into their own applications.Java Servlet and JSP Cookbook presents real-world problems, and provides concise, practical solutions to each. Finding even one tested code "recipe" that solves a gnarly problem in this comprehensive collection of solutions and best practices will save hours of frustration--easily justifying the cost of this invaluable book.But "Java Servlet and JSP Cookbook" is more than just a wealth of cut-and-paste code. It also offers clear explanations of how and why the code works, warns of potential pitfalls, and directs you to sources of additional information, so you can learn to adapt the problem-solving techniques to similar situations.These recipes include vital topics like the use of Ant to setup a build environment, extensive coverage of the WAR file format and web.xml deployment descriptor, file-uploading, error-handling, cookies, logging, dealing with non-HTML content, multimedia, request filtering, web services, I18N, web services, and a host of other topics that frustrate even the most seasoned developers.For Java web developers of all levels who are eager to put into practice the theory presented in other API-focused books, the solutions presented in this practical book will prove invaluable over and over again. This is painless way for less experienced developers who prefer to learn by doing to expand their skills and productivity, while accomplishing practical solutions to the pressing problems they face every day. More experienced developers can use these recipes to solve time-consuming problems quickly, freeing up their time for the more creative aspects of their work.

Book Information

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Customer Reviews

In the great tradition of cookbooks, O'Reilly has published the Java Servlet and JSP Cookbook. This book, written by Bruce W. Perry is a must-own book for anyone working with web applications in the Java space. I've been a Java developer for almost 8 years now and have been working with Servlets since early 1999 and I've learned quite a few things from this book.The Java Servlet & JSP Cookbook provides more than 200 'recipes' or fully working and documented code snippets that you can directly cut-and-paste in your application. The book starts off with a quick intro to writing servlets and JSP pages. I was very impressed that the first JSP page that you write uses JSTL and is not loaded up with scriptlet code. I am just sick and tired of arguing with people with scriptlets are bad and it's nice to see a book that starts off with JSTL. Kudos Bruce.Once the intro is complete, you move onto writing deployment descriptors, deployment along with a nice little chapter on Ant. One of the most common question after people deploy JSP based application is the idea of precompiling JSPs for performance reasons. The fifth chapter does a great job of suggesting several methods of precompiling JSPs. I should also mention that the book includes how-to guides for Tomcat and WebLogic, which covers a pretty large landscape of web containers. WebSphere, Resin, Jetty are not directly covered.The book then moves on and covers topics such as handling Form data via POST/GET, uploading files, cookies, session tracking and URL rewriting. There is also a chapter on JavaScript and how they use JavaScript with servlets. I don't really understand the point of this chapter as most users just need a few cut-n-paste JavaScript for client-side FORM validation.

Target AudienceWeb developers who are looking for real-life examples of the use of servlets and JSP.ContentsThis is a companion-type book that goes beyond strictly reference material to the use of different servlet and JSP features, along with working examples of code to illustrate the concepts.The book is divided multiple chapters that each cover a different technique or function:Writing Servlets and JSPs; Deploying Servlets and JSPs; Naming Your Servlets; Using Apache Ant; Altering the Format of JSPs; Dynamically Including Content In Servlets and JSPs; Handling Web Form Data in Servlets and JSPs; Uploading Files; Handling Exceptions in Web Applications; Reading And Setting Cookies; Session Tracking; Integrating JavaScript with Servlets

And JSPs; Sending Non-HTML Content; Logging Messages from Servlets and JSPs; Authenticating Clients; Binding, Accessing, and Removing Attributes in Web Applications; Embedding Multimedia in JSPs; Working With The Client Request; Filtering Request and Responses; Managing Email In Servlets and JSPs; Accessing Databases; Using Custom Tag Libraries; Using The JSTL; Internationalization; Using JNDI and Enterprise JavaBeans; Harvesting Web Information; Using the Google and Web APIsReviewI really like the O'Reilly Cookbook series. I read a lot as part of my ongoing study, and often it's easy to understand conceptually what is going on. But making the jump to practical solutions can be difficult at times. The Cookbook series gets plenty of use on my bookshelf as I do my day to day coding. And when it comes to servlet and JSP coding as I continue to learn more about Websphere Application Server, this book will surely become dog-eared like the rest of them. Bruce Perry has done a great job.

Java Servlet & JSP Cookbook Java: The Ultimate Guide to Learn Java and Python Programming (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, ... Developers, Coding, CSS, PHP) (Volume 3) JAVA: JAVA in 8 Hours, For Beginners, Learn Java Fast! A Smart Way to Learn Java, Plain & Simple, Learn JAVA Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! Servlet and JSP Programming with IBM WebSphere Studio and VisualAge for Java (IBM Redbook) Java Servlet Programming (Java Series) Java: The Simple Guide to Learn Java Programming In No Time (Programming,Database, Java for dummies, coding books, java programming) (HTML,Javascript,Programming,Developers,Coding,CSS,PHP) (Volume 2) Servlet & JSP: A Tutorial, Second Edition Servlet & JSP: A Beginner's Tutorial Servlet, JSP and Spring MVC: A Tutorial (A Tutorial series) Servlet & JSP: A Tutorial (A Tutorial series) Beginning JSP, JSF and Tomcat: Java Web Development (Expert's Voice in Java) Java Servlet Programming Bible How Tomcat Works: A Guide to Developing Your Own Java Servlet Container Java Servlet Programming Java Programming for Kids: Learn Java Step By Step and Build Your Own Interactive Calculator for Fun! (Java for Beginners) Professional Java Server Programming: with Servlets, JavaServer Pages (JSP), XML, Enterprise JavaBeans (EJB), JNDI, CORBA, Jini and Javaspaces Special Edition Using Java 2 Enterprise Edition (J2EE): With JSP, Servlets, EJB 2.0, JNDI, JMS, JDBC, CORBA, XML and RMI Oracle8i Java Component Programming With EJB, CORBA AND JSP Professional Java Data: RDBMS, JDBC, SQLJ, OODBMS, JNDI, LDAP, Servlets, JSP, WAP, XML, EJBs, CMP2.0, JDO, Transactions, Performance, Scalability, Object and Data Modeling Murach's Java Servlets and JSP