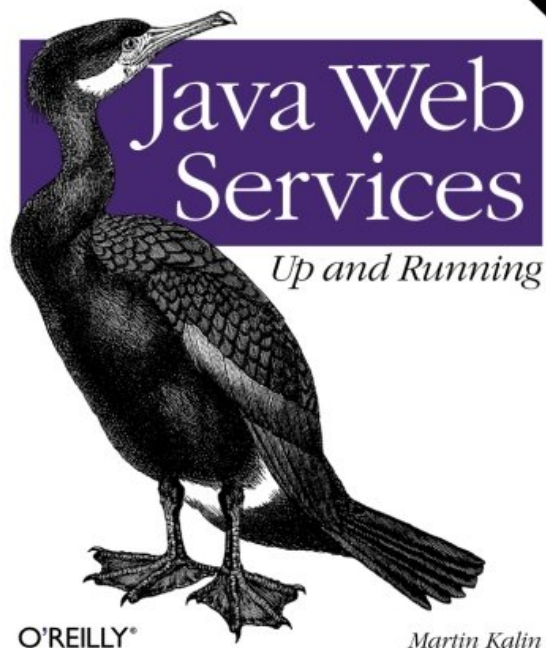


# JAVA WEB SERVICES: UP AND RUNNING BY MARTIN KALIN

*A Quick, Practical, and Thorough Introduction*

**2nd Edition**

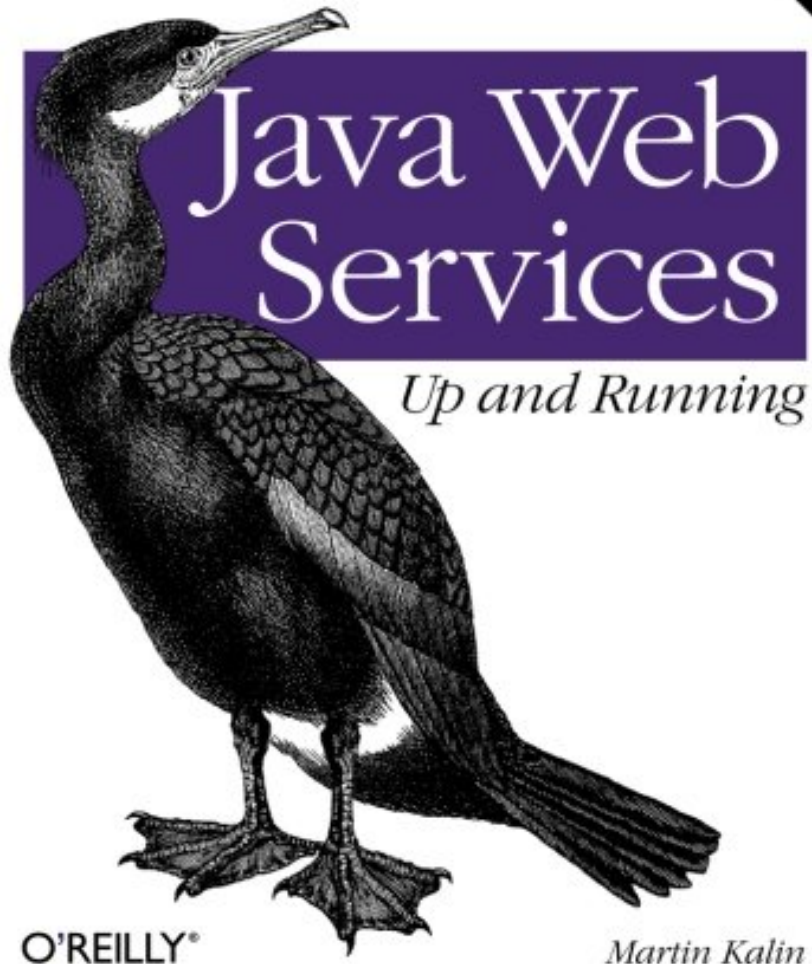


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Learn how to develop REST-style and SOAP-based web services and clients with this quick and thorough introduction. This hands-on book delivers a clear, pragmatic approach to web services by providing an architectural overview, complete working code examples, and short yet precise instructions for compiling, deploying, and executing them. You'll learn how to write services from scratch and integrate existing services into your Java applications.

With greater emphasis on REST-style services, this second edition covers HttpServlet, Restlet, and JAX-RS APIs; jQuery clients against REST-style services; and JAX-WS for SOAP-based services. Code samples include an Apache Ant script that compiles, packages, and deploys web services.

- Learn differences and similarities between REST-style and SOAP-based services
- Program and deliver RESTful web services, using Java APIs and implementations
- Explore RESTful web service clients written in Java, JavaScript, and Perl
- Write SOAP-based web services with an emphasis on the application level
- Examine the handler and transport levels in SOAP-based messaging
- Learn wire-level security in HTTP(S), users/roles security, and WS-Security
- Use a Java Application Server (JAS) as an alternative to a standalone web server

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## Features

- Used Book in Good Condition

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#### Most helpful customer reviews

21 of 23 people found the following review helpful.

A code centric tour of Java Web Service APIs

By Ammy\_Evaluator

The book describes itself as "a code centric tour through the APIs and implementation technologies that support web services under Java."

Key words being "code centric" and "tour".

What you get:

#####

++ Lots of examples using key Java web service technologies.

....Service development examples using plain vanilla servlets, REST with JAX-RS/Restlets/JAX-WS, and SOAP with JAX-WS.

....Service deployment examples using a servlet container or an Endpoint publisher.

....Client development examples using plain Java (URLConnection), WADL generated classes, etc.

....Tooling such as xjc, wsimport, schemagen, wadl2java, etc.

However, here's what is missed:

#####

-- Not enough detail on supporting technologies such as JAXB, XML parsing, XML Schemas, etc.

-- Focuses heavily on Amazon's E-commerce API, which is too complex to make for readable examples in a short book. (This complexity is acknowledged in the section on async clients.)

-- The focus is on implementation, not design. So, no discussion of REST principles, good API design, etc.

Note that a significant complaint with the first edition was poorly written code examples. While I have not executed the code, all the snippets looked reasonable to me. However, the ZIP archives I downloaded from the O'Reilly site (points to [github.com/mkalin/jwsur2](https://github.com/mkalin/jwsur2)) could not be opened using WinZip 12.

Conclusion:

#####

The emphasis of this book is on coding services and clients. As a result, it avoids high level concepts, best practices, and provides only summary level discussions of other adjacent APIs.

This single minded focus may not be for everyone. However, I found it rather refreshing as there are enough

high brow, but useless, books out there.

Happy SOA!

~A\_E

11 of 12 people found the following review helpful.

Good book only if you want to see the variety of possible WS implementatons

By Florin Vasile

Instead of concentrating on a way to build efficient WS with standard Java Technologies this book tries to touch every possible way to create a web service with standard and non-standard technologies.

I would recommend concentrating more on Java EE and ways to build highly efficient web services with the standard technologies instead of exploring Restlet.

7 of 9 people found the following review helpful.

Just enough information to get you up and running

By David C.

I have been a Java programmer for many years. Right now I have a project that requires me to implement a Java web service. I have a very minimal understanding on both RESTful and SOAP-based web services prior reading this book so this book is really my first book that I used to help me to gain more understanding on Java web services.

Here's my thoughts on this book.

- This book assumes you know some Java and object oriented programming since various Java technologies that enables RESTful web services and SOAP-based services use various OO techniques.

- If you have some understanding (even a little) on XML, JSON, HTTP(S), RESTful and SOAP then you will find this book much easier to understand and enjoyable.

- I think this book is written at a high level to get you up and running quickly with Java Web Services, it covers just enough so you can start working therefore chances are after reading this book you will still need to find some additional materials to dive into the ins and outs of whatever Java Web Service type you plan to implement. Since this book already provided you with the fundamental background so now you just need to read upon specific topics that you need.

- The example code does work but requires very minor modification. For example the shipped build.xml needs to modify to include the location of your \$TOMCAT\_HOME. No biggie, a very easy modification. Also I found it very easy to deploy the code in a Linux environment. I am not sure if it would be easy if you are in a Windows environment.

In summary this book met my expectation. My expectation is simply to get myself as quickly as possible to get up to speed with Java Web Services. It provided enough information for me to pick what type of Java web services (RESTful or SOAP-based) I want to implement for my project.

See all 14 customer reviews...

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