

# [PDF] J2EE Web Services: XML SOAP WSDL UDDI WS-I JAX-RPC JAXR SAAJ JAXP

**Richard Monson-Haefel - pdf download free book**

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## **Description:**

### **From the Back Cover**

*“J2EE™ Web Services is written in the tradition of great books people have come to expect from author Richard Monson-Haefel. More than a complete and concise Web services reference, this essential guide is the way for J2EE developers to quickly master Web services architecture and development.”*

—**Floyd Marinescu**

Author, *EJB Design Patterns*

Director, TheServerSide.com

“Written in a straightforward and approachable style, Monson-Haefel’s latest book is a mustread for any Java developer who is serious about understanding and applying the J2EE APIs in support of Web services. By concentrating on the core technologies endorsed by the WS-I, it clearly explains why Web services will succeed in realizing the interoperability promise where previous attempts have failed.”

—**James McCabe**

Software IT Architect IBM

“This is the best—and most complete—description of J2EE Web services that I’ve seen. If you’re a Java developer, you need this book.”

—**David Chappell**

Chappell & Associates

“For Java Web service developers, this book is going to be there on their desk next to their PC for easy reference. The book has it all, clear guides as to what WSDL, SAAJ, UDDI are, and how they are used in a variety of examples. Monson-Haefel has created another classic with this volume.”

—**Dr. Bruce Scharlau**

Department of Computing Science  
University of Aberdeen, Scotland

“Richard Monson-Haefel provides the most comprehensive analysis of J2EE Web services that I’ve seen so far to date. This book covers the core Web services technologies (XML, SOAP, WSDL, and UDDI), as well as the Java APIs for Web services (JAX-RPC, SAAJ, JAXR, JAXP, and Web Services for J2EE, version 1.1). Richard also goes into detail on issues such as fault handling, type mapping, and JAX-RPC handlers. Developers will find this book to be a very valuable reference.”

—**Anne Thomas Manes**

Research Director, Burton Group  
Author, *Web Services: A Manager’s Guide*

“*J2EE™ Web Services* is an excellent reference and tutorial for both beginning and seasoned Web services architects and developers. This book is the first to fully cover the WS-I 1.0 Web services standards and their integration with J2EE 1.4 components. Spend time with this book, and you’ll soon master J2EE Web Services and be able to successfully use this technology to solve key business integration problems in your enterprise.”

—**Tom Marrs**

Senior J2EE/XML/Web Services Architect  
Distributed Computing Solutions, Inc.

Web services are revolutionizing the way enterprises conduct business, as they allow disparate applications to communicate and exchange business data. Now, Java 2, Enterprise Edition (J2EE<sup>®</sup>) delivers a complete Web services platform. But how do you make sense of the sea of acronyms in this emerging area? Richard Monson-Haefel comes to the rescue with this essential guide for Java developers who need to understand J2EE APIs for Web services and the Web services standards.

**J2EE<sup>®</sup> Web Services** is a comprehensive guide to developing and deploying Web services using J2EE technology. Concentrating on standards sanctioned by the Web Services Interoperability

Organization (WS-I) for maximum interoperability, the author delves into Web-service standards and the J2EE 1.4 Web-service APIs and components with clear and engaging discussions.

Key topics covered include:

1. XML (eXtensible Markup Language) and XML Schema
2. SOAP (Simple Object Access Protocol)
3. WSDL (Web Services Description Language)
4. UDDI (Universal Description, Discovery, and Integration)
5. JAX-RPC (Java API for XML-based RPC)
6. SAAJ (SOAP with Attachments API for Java)
7. JAXR (Java API for XML Registries)
8. JAXP (Java API for XML Processing)

The appendices complement this wealth of information with coverage of XML regular expressions, Base 64 encoding, DTDs (document type definitions), SOAP Messages with Attachments (SwA), RCP/Encoded SOAP messaging, and references to other resources. In short, this accessible reference will give Java developers the tools they need to use J2EE technologies and APIs to integrate both enterprise applications and Web-based applications.

## About the Author

**Richard Monson-Haefel** currently serves on the J2EE 1.4 and EJB 2.1 expert groups for the Java Community Process. He is a founder of the Apache J2EE Application Server Project (Geronimo) and a lead developer of its J2EE Web Services implementation. He assisted Sun in the development of the SCDJWS Exam. Mr. Monson-Haefel is the author of four best-selling editions of *Enterprise JavaBeans*, which won the 2001 *JavaPRO* Reader's Choice award for Best Advanced Java Book, the 1999 *Java Developer Journal's* Editor's Choice award for Best Java Book, and Amazon's Best of 2001 and Best of 2002 awards. He is also the coauthor of *Java Message Service*, which won the 2002 *Java Developer Journal's* Reader's Choice award for Best Java Book.

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