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SOAP Programming *with Java*™

Bill Brogden



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SOAP Programm

Java

Build Innovative Web Services

Since its emergence in 1998, the Simple Object Access Protocol (SOAP) has come to occupy a central place in today's breed of modular applications known as Web Services. Thanks to SOAP, all you need is a basic knowledge of XML to write programs that interact seamlessly with a growing number of online services providing currency conversion, user authentication, and more.

But for every service that has been implemented, there are many more that remain mere ideas. *SOAP Programming with Java* provides the foundation and skills for realizing those ideas as fully functional solutions. Building on your knowledge of XML and XML tools, you'll create your own SOAP-based services that use not only HTTP but also the services media of the future: Java Message Service (JMS), JavaSpaces, and JavaMail. You'll also graduate from wired to wireless development, learning how Web-enabled devices fit into the world of SOAP-based distributed computing.

All this detailed, practical coverage is presented within the framework of Java programming, allowing you to capitalize on the advantages Java offers. Whether you use this book as an introduction to Web Services development or as a tool for mastering particular techniques, it will equip you with a sound understanding and hard-to-find skills.

On the CD

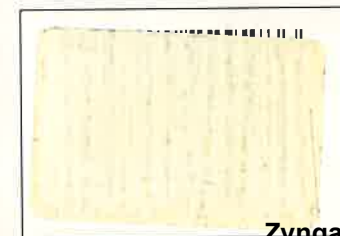
The enclosed CD contains code for all the book's examples and a collection of programming tools, including XML utilities and a SOAP debugger that works over HTTP. You also get a Java-based Web Service and a sample implementation of a Java Message Service, both built using SOAP.

About the Author

Bill Brogden has been working with Java since version 1.0 was released. His first big Java project was an applet that presented animated near-real-time Major League Baseball games. Bill is employed by LANWrights, Inc., where he uses Java technology to develop online courseware. He has written several books about Java, including *Java Developer's Guide to Servlets and JSP* and *Java Developer's Guide to E-Commerce with XML and JSP*, both from Sybex. In his spare time, Bill reads science fiction and trains basset hounds. He lives in the woods near Austin, Texas, with his wife, Rebecca, and numerous hounds.

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Bill Brogden



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"SOAP Version 1.2 Part 1: Messaging Framework" and "SOAP Version 1.2 Part 2: Adjuncts" (in Appendix D, "SOAP Specifications")
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