



IBM WebSphere Application Server - Express

Pathways to Success on the Web

Web development technology is advancing at a rapid rate. IBM WebSphere Application Server - Express offers a way for business people with limited technical background to quickly and easily build dynamic Web sites that leverage their company's data—Web sites that can replace cost-intensive manual processes and provide automated self-service tools to their customers in an online venue.

Application Server - Express provides a very robust and technologically advanced platform for managing Web applications, focusing on making this technology usable by novices. Application Server - Express technology does not require expert Java programmers. In fact, almost anyone can install and manage an Application Server - Express server. IBM is focused on bringing technology once reserved only for the largest companies to everyone.

This book guides novice users through the Web development process, teaching them to use Application Server - Express and produce a useful custom Web site. The examples in the book are based on a realistic business model, that of a publishing company. It is a guide to understanding what the products are as well as why and when to use them. Also included is a step-by-step tutorial that teaches how to use the tools to build a state-of-the-art Web site.

Order Today!
www.mc-store.com

\$59.95 US
\$89.95 CN



Book Highlights:

> **What You'll Learn**

WebSphere Application Server - Express technologies and how they can easily be applied to support your business.

Web development life cycle—concepts, design, development and deployment of a production Web site.

> **How You'll Learn**

Through a hands-on, step-by-step, fully documented and illustrated approach.

Specifications:

- > **7" x 9" Perfect bound**
- > **500 pages**
- > **Includes CD-ROM**
- > **Level: Novice to intermediate**
- > **ISBN: 1-931182-17-5**
- > **Price: \$59.95 US/\$89.95 CN**

Special Offers:

> **Single Copies**

For a limited time get this title for only **\$39.95** when you order through the MC Press Online Store at www.mc-store.com. That's a 34% discount off the regular list price of \$59.95! To receive this special price, enter coupon code "EXPRESS" at checkout.

> **Bulk Orders**

Receive special discount pricing when you order 250+ copies. Please call (817) 961-0660 for more information.

About the Authors



Bob Cancilla

Bob Cancilla has spent 30 years managing large-scale systems development projects for both large insurance companies and independent software development companies and has been involved with AS/400 Internet technology since its inception. Interacting with IBM and approximately 10 other AS/400 Internet pioneers, he deployed one of the first and most advanced insurance systems, which provides services to the policyholders, agents, and employees of a large nationwide commercial insurance company. Bob is also cofounder of the Web-based user group www.ignite400.org, which is dedicated to AS/400 and iSeries Internet technology and education. This user group has been among the first in the world to deploy IBM WebSphere Application Server, Net.Commerce 3.0, OS/400 V4R4, and Apache, as well as Netscape.



Kevin Postreich

Kevin Postreich is an Advisory Software Engineer with IBM's software group. He has over 15 years experience in the software industry. He currently works with other engineers on the development of the WebSphere Application Server – Express product, including writing sample applications and technical literature. Kevin also has contributed to several IBM Redbooks and technical conferences.

From the Foreword by

A. Hayden Lindsey, IBM Distinguished Engineer

In this helpful new book, Bob and Kevin use a Web application as the basis for teaching best practices and tool usage. This technique was facilitated by an interesting partnership where Bob wrote as Kevin coded. This ensured that the examples really work in all aspects.

This a great opportunity for those of us responsible for tools in IBM to see our tools and runtime from a different perspective—that of the instructor. As a result not only do you, the reader, have a book with a thoroughly tested sample, but you also now have an improved product!

Thanks to Bob for this practical and useful book about Application Server - Express, and for his willingness to partner with us at IBM. No less deserving of thanks is Kevin, for his countless hours of work on this very interesting project.

*A. Hayden Lindsey,
IBM Distinguished Engineer*



Table of Contents

- > **Foreword**
by A. Hayden Lindsay
- > **Preface**
- > **Introduction**

Part I

- Background and Information
- > **Chapter 1**
Built for eBusiness
- > **Chapter 2**
The Server
- > **Chapter 3**
Tools
- > **Chapter 4**
Web Development
- > **Chapter 5**
Introduction to Java

Part II

- Xpres Books Case Study
- > **Chapter 6**
Xpres Books - As Real as It Gets
- > **Chapter 7**
Designing the Web site
- > **Chapter 8**
Database Catalog Search
- > **Chapter 9**
Introducing JSF & WDO
- > **Chapter 10**
Working with Struts
- > **Chapter 11**
Implementing WebSphere Security
- > **Chapter 12**
Leveraging Data Relationships
- > **Chapter 13**
Simple Content Publishing
- > **Chapter 14**
Web Services for Everyone
- > **Chapter 15**
Debugging
- > **Chapter 16**
Deploying Your Application
- > **Appendix A**
Installing the Application Server
- > **Appendix B**
The Examples on CD-ROM



About MC Press

MC Press is the leading information resource for the iSeries community. Our books, electronic publications, multimedia, computer-based training, Web-based education, and Web site help users be more productive on the job and get more out of their careers. Visit us online at www.mcpressonline.com.