# WEBSPHERE EVERYPLACE ACCESS 4.3
# 3-DAY WIRELESS WORKSHOPS
# FOR IBM BUSINESS PARTNERS

Do your clients need to enable their employees or partners to be more productive while they are traveling, at remote sites, or away from their desktop computers?  Do they want to provide their customers with wireless self-service or B2C applications? Now IBM Business Partners can utilize WebSphere Everyplace Access (WEA) 4.3 to design and deploy wireless services and solutions that are built on WEA 4.3, which allows your customers to increase efficiencies, reduce costs, and develop competitive advantages. So, if you are an architect, system integrator or product designer or developer who needs to design, develop or integrate new wireless solutions, or you need to extend existing offerings to wireless devices, one of these workshops is for you!

Attendance is by invitation only and is limited to IBM Business Partners who can immediately benefit from the information and hands-on examples used in this technically-focused course.

## WHAT YOU WILL DISCOVER BY ATTENDING THIS WORKSHOP

This hands-on workshop focuses on delivering the skills needed to utilize the latest in mobile and wireless technology in designing and building services and solution offerings. Attendees will learn how to develop and integrate offerings based on wireless devices across multiple platforms, leveraging capabilities such as portlets, application servers, data management, LDAP, content adaptation, device services, and tool enablement.

## COURSE HIGHLIGHTS

Days 1 & 2

- WebSphere Everyplace Access 4.3 (WEA) overview
- Installing and configuring WEA 4.3 - a new approach
- Portal Administration for a wireless environment
- Using the Everyplace Client for handheld devices
- Building applications for multiple devices with MDAT and WebSphere Studio tools
- Integrating with Exchange or Domino for PIM and e-mail, including attachments, invitations, and filtering
- Utilizing Location Aware Services
- Practical experiences with Intelligent Notification
- Managing Server Initiated Actions
- Using Device Services
- Wireless Solutions Architecture processes
- Techniques for isolating and fixing system problems
- Synchronization

Day 3

- Transcoding
- Web Clipping
- DB2e
- Building a wireless portlet
- Utilization of Java Micro Edition/WSDD
- WebSphere Studio/Everyplace Toolkit

## PRICING, TERMS, AND CONDITIONS

- There is no charge to attend this workshop; however, travel and lodging expenses are the responsibility of each attendee.
- Acceptance into the workshop is by invitation only. To qualify, you must register via the IBM web site: www.ibm.com/software/pervasive/education. Confirmation will be made within 10 business days.

## PREREQUISITES

- Good technical understanding of the Internet
- Solid background in programming, application design, and development
- Understanding of web application concepts and technologies including web servers, browsers, XML/XSL, and WAP
- Understanding of object-oriented programming concepts, systems, and languages. Java programming experience is strongly recommended
- Completion of the Pervasive WebLecture courses available at the following web site: http://www-3.ibm.com/software/pervasive/education/index.shtml

Note: Each day of the workshop is scheduled for 8 to 10 class hours.

## DETAILS

Sessions are fast-paced and targeted to a technical audience (sales and marketing content is not covered). Intended participants are ISVs, System Integrators, Solution Providers, and Value-Added Distributors who are developing or extending pervasive infrastructure, products, offerings, and services to businesses that have mobile employees (e.g., field service technicians or sales people), mobile suppliers, or customers.

The Workshop will address architecture, implementation, and integration using the capabilities within WebSphere Everyplace Access (WEA) and other IBM Pervasive Computing solutions, as well as connecting to enterprise e-business applications using platforms such as PocketPC, PalmOS, WAP telephones, and other mobile devices. With a strong focus on hands-on labs, participants will be guided through developing a multi-device, multi-platform solution using facilities such as portlets, application servers, data management, LDAP, content adaptation, device management, and tool enablement.

Participants should have a good technical understanding of the Internet, a solid background in programming, application design and development, and an understanding of web application concepts and technologies, including web servers, browsers, XML/XSL, and WAP. An understanding of object-oriented programming concepts, systems, and languages, particularly Java, is strongly recommended.

The Workshop will help attendees understand product capability, assist in architecture and design of future projects, and plan for development, deployment, integration, and support. Attendees who complete this Workshop will have the basic skills to design, develop, and integrate new wireless solutions or extend existing offerings to wireless devices utilizing the infrastructure of WEA middleware.

After completing the Wireless Workshop, it is recommended that students gain m ore in-depth knowledge from IBM Learning Services training through self-study from:

- IBM product examples and tutorials
- IBM materials available from product and developer web sites
- IBM Redbooks

Note:   These Workshops do not replace IBM Learning Services' offerings for advanced training or for certification requirements or certification training. IBM Learning Services provides advanced classes, and the ILS education roadmap should be used to determine which classes are appropriate.

## DATES AND LOCATIONS OF WORKSHOPS

| Location | Class Dates |
|---|---|
| Guangzhou, China | September 24 - 26 |
| Waltham, Massachusetts | October 8 - 10 |
| Dallas, Texas | November 5 - 7 |
| Stuttgart, Germany | November 12 - 14 |
| Kuala Lumpur, Malaysia | December 3 - 5 |
| San Mateo, California | December 10-12 |

## AGENDA

### Days 1 and 2

- WebSphere Everyplace Access 4.3 (WEA) overview
- Installing and configuring WEA 4.3 - a new approach
- Portal Administration for a wireless environment
- Using the Everyplace Client for handheld devices
- Building applications for multiple devices with WebSphere Studio tools
- Integrating with Exchange or Domino for PIM and e-mail including attachments, invitations, and filters

- Utilizing Location Aware Services
- Practical experiences with Intelligent Notification
- Managing Server Initiated Actions
- Using Device Services
- Wireless Solutions Architecture processes
- Techniques for isolating and fixing system problems
- Synchronization

### Day 3

- Transcoding
- Off-line content
- DB2e
- Building a wireless portlet
- Everyplace Toolkit for WebSphere Studio