IBM Pervasive Computing 3-Day Wireless Workshop

Are you an architect, system integrator, or developer designing, developing, or integrating new wireless solutions? Or do you want to extend your existing offerings to wireless devices?

If so, this workshop is for you!

What You Will Discover by Attending This Workshop

How to develop a multi-device, multi-platform solution using facilities such as portlets, application servers, data management, LDAP, content adaptation, device management and tool enablement.

Course Highlights

- WebSphere Everyplace Access (WEA) family overview

- Connecting to enterprise e-business applications using platforms such as PocketPC, PalmOS, WAP telephones and other future mobile devices

- WebSphere Studio family overview

- XML tooling for wireless devices Design considerations of portlets for WEA

- Configuring Domino/Exchange Server for PIM and e-mail use

- Security

Price

There is no charge to attend this workshop.

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, particularly Java

Note: This is a full 3-day workshop from 8:30 am to 6:00 pm or later for all 3 days.
         You must complete all 3 days in full.

Details

Wireless Technology Transfer Workshops are now scheduled throughout 2002. Attendance at these no-fee Workshops is by invitation only to IBM Business Partners who can immediately benefit from the lessons and hands-on examples used in this 3 day, technically-focused course based on the recently released WebSphere Everyplace Access (WEA) platform.

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

The Workshop will address architecture, implementation and integration using the capabilities within WebSphere Everyplace Access (WEA) and other pervasive and wireless 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 more in-depth knowledge from IBM Learning Services training through self- study from:

- IBM product examples and tutorials

- IBM materials available from the product and developer web sites

- IBM Redbooks

Note: This Workshop does 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

DATES	LOCATIONS	STATUS
7/16 - 7/18	Tokyo	Completed
7/23 - 7/25	Seoul	Completed
7/24 - 7/26	San Mateo	Completed
7/30 - 8/1	Sydney	Completed
8/6 - 8/8	Shanghai	Completed
9/3 - 9/5	Paris	Full--Standby available
9/10 - 9/12	San Mateo	Seating Available
9/10 - 9/12	Hursley	Seating Available
9/17 - 9/19	Waltham	Seating Available
9/17 - 9/19	Stuttgart	Full--Standby available
9/24 - 9/26	Toronto	Full--Standby available
10/1 - 10/3	Chicago	Full--Standby available

AGENDA

Day 1

Unit 1 WEA Architectural Overview
    Lab 1 *Getting familiar with Pocket PC 2000*

Unit 2 WEA Synchronization

Unit 3 Configuring Domino/ Exchange Server
    Lab 2 *Synchronizing with Microsoft Exchange*
    Lab 3 *Synchronizing with Notes*

Unit 4 DB2e Architecture and Integration
    Lab 4 *Synchronizing with DB2e*

Unit 5 Domino Everyplace Enterprise Server

Day 2

Unit 6 WebSphere Portal Server Overview
    Lab 5 *Registering/ Deploying Portlets*

Unit 7 Portlet Application Model/ Offline Browsing

Unit 8 Device Recognition and Rendering/Device Type and Certification
    Lab 6 *Content Adaptation/ Web Clipping*

Unit 9 Transcoding Technology
    Lab 7 *Content Adaptation/ Transcoders*

Unit 10 Annotation Overview
    Lab 8 *Annotation lab*

Day 3

Unit 11 Security

Unit 12 WebSphere Studio Family Overview
    Lab 9 *WSAD - Getting Started*
    Lab 10 *Developing Portlets*

Unit 13 WEA Performance, Scalibility/Capacity/ Planning

Unit 14 Portal Toolkit/WEA Toolkit
    Lab 11 *Portal Toolkit/WEA Toolkit*
    Lab 12 *XML Tooling*

Unit 15 Additional Resources

Pervasive Computing