Building Web Applications Using Java 2 Enterprise Edition

C. Thomas Wu

As the Internet is becoming a preferred platform for software application deployment, it is now critical for the software developers to learn the tools and techniques necessary in developing distributed Web-based applications. In recent years, Java 2 Enterprise Edition (J2EE) is gaining wider acceptance over the competing specifications--CORBA and DCOM.

In this tutorial, we will introduce J2EE and describe its major components. We will introduce Java servlets, Java Server Pages (JSP), and Enterprise JavaBeans (EJB) with sample code. We will discuss different ways of constructing web-based applications using these components. A small sample application will be used throughout the tutorial as an illustration.

C. Thomas Wu is a professor at the Naval Postgraduate School in Monterey, CA. His research interests include Database Modeling, Object-Oriented Design and Programming, and User Interface. He has written two introductory object-oriented programming books (one in C++ and another in Java), both published from McGraw-Hill. He is currently working on an intermediate object-oriented programming book. He has consulted a number of companies in the use of Java and object-oriented technology. He has been using Java since 1996.