BEA Tuxedo® ATMI Application Development

Course Number: TUX-D11

Overview

This 4 day course provides application designers and developers with the basic knowledge and skills to develop BEA Tuxedo client and server applications in the C programming language. In addition to the basic client-server calls and use of message buffers, the course also covers distributed transactions, store-and-forward message queues, and event handling. This course is suitable for students that will work with BEA Tuxedo product versions 6.5, 7.1, or 8.0.

Key Benefits

- Provides an overview of BEA Tuxedo, the client/server programming model, and communications paradigms
- Describes basic application deployment
- Explains how to develop request and reply applications
- Explains how to develop conversational applications
- Illustrates the use and management of buffers
- Describes the use of store and forward message queuing
- Explains how to use event-based communication to manage brokered events
- Covers the use of the security features in Tuxedo
- Describes how to develop distributed transactional applications

Audience

Application Developers and other technical staff that will develop and build BEA Tuxedo applications

Prerequisites:

- An understanding of basic client/server and networking concepts
- C/C++ programming skills and experience with program development in either a UNIX or Windows NT/2000 environment

Course Length

4 days

Course Format

Lecture with computer-based labs

Course Content

- Introduction to the BEA Tuxedo product
- Introduction to the Application-to-Transaction Monitor Interface (ATMI)
- Basic client/server development (request/reply)
- Basic application deployment
- Asynchronous, Conversational paradigms
- Store and forward messaging, /Q
- Security
- Publish/Subscribe (Tuxedo Event Broker)
- Transactions
- Workstation Clients