Component-based software development (CBSD) delivers the promise of large-scale software reuse. CBSD has the potential to reduce significantly the cost and time-to-market of enterprise systems, and enhance the reliability, maintainability, and quality of enterprise systems.

Enterprise JavaBeans (EJB) provides a fully-scalable, distributed, and platform-independent component architecture for development of enterprise software systems while leveraging existing applications. EJB specification provides a server component environment that monitors and modifies the client-server communications to ensure the use of correct thread, security, transaction, and persistence semantics. This will allow software developers to focus on the application logic and configuration.

The list of major topics to be covered in this tutorial includes:

- Component-Based Enterprise Software Development
- An Overview of Java 2 Enterprise Edition (J2EE)
- Enterprise JavaBeans (EJB) Architecture
- Key Features of EJB
- EJB versus MTS and the OMG CORBA Components
- Session and Entity Beans
- Developing Server-Side Enterprise Components Using EJB
- Integrating EJB and Jini for Component-Based Development of Web-based Enterprise Solutions
- Useful Resources