

Adv Java

Architecture

- Bean/Container Contract
- Distributed Environments/Protocols
- EJB Containers/Servers
- EJB Roles/Workflow
- EJB Types (E/M/S Beans)



Deployment/Integration

- Bean Refs, Environment
- Descriptor Files
- Jar Files
- Resource Managers
- System Integration

Design

- Basic EJB Patterns
- Object-Relational Mapping
- Objects by Value
- Performance, Granularity

Development

- Accessing a Bean/Handles
- Bean Exceptions
- javax.ejb Package
- JNDI, EJBHome
- Remote/Local Interfaces

Entity Beans/BMP

- BMP Development
- EB Lifecycle
- Finder Methods
- Primary Keys

Entity Beans/CMP

- CMP Development

- CMP vs BMP
- Container Managed Relationships
- EJB QL

Message-Driven Beans

- Advanced MDB
- JMS Integration
- MDB Lifecycle

Security

- Declarative
- Programmatic
- Propagation, Run Modes
- Security Roles/Refs

Session Beans

- SB Lifecycle
- Stateful Session Beans
- Stateless Session Beans

Transactions

- ACID Properties, JTS/JTA
- Container-Managed Transactions
- Exception Scenarios
- Explicit Transactions
- Interaction, Coordination
- Isolation Levels