Advanced Java Programming


Unit 2: Java Beans: The software component assembly model- The java bean development kit- developing beans – notable beans – using infobus - Glasgow developments - Application Builder tool- JAR files-Introspection-Bound Properties-Persistence-customizers - java beans API.

Unit 3: EJB: EJB architecture- EJB requirements – design and implementation – EJB session beans- EJB entity beans-EJB Clients – deployment tips, tricks and traps for building distributed and other systems – implementation and future directions of EJB-Variable in perl- perl control structures and operators – functions and scope

Unit 4: RMI – Overview – Developing applications with RMI: Declaring & Implementing remote interfaces-stubs & skeletons, Registering remote objects, writing RMI clients – Pushing data from RMI Servlet – RMI over Inter-ORB Protocol

Unit 5: JSP –Introduction JSP-Examining MVC and JSP -JSP scripting elements & directives-Working with variables scopes-Error Pages - using Java Beans in JSP Working with Java Mail-Understanding Protocols in Java mail-Components-Java mail API- Integrating into J2EE-Understanding Java Messaging Services-Introducing Java Transactions

Recommended Text:


Reference books:


2) D. R.Callaway, 1999, Inside Servlets, Addison Wesley, Boston


4) Tom Valesky, Enterprise JavaBeans, Addison Wesley.

5) Cay S Horstmann & Gary Cornell, Core Java Vol II Advanced Features, Addison Wesley.