|  |  |
| --- | --- |
| **Introduction**   * WebApplication Models   + Model1-Architecture   + Model2-Architecture * MVC Architecture& its Rules & Regulations * FrameWork   + Web Framework   + Application Framework * Struts Framework History   **Struts Flow of Execution**  **Struts Elements**   * View * ActionServlet * RequestProcessor * FormBean(ActionForm) * Action class * web.xml * Struts Configuration File   **Struts Tag Library**   * Html Tag library * Bean Tag library * Logic Tag library * Tiles Tag library   **DynaActionForm & Implementations**  **Local Forwards & Global Forwards**  **Validations**  Client Side Validations   * + Programmatic Approach   + Declarative Approach (Validator Framework)   Server Side Validations   * + Programmatic Approach   + Declarative Approach (Validator Framework) | **Internationalization(I18N)**   * I18N in Struts   **Exception Handling in Struts**   * Programmatic Approach * Declarative Approach * Custom Exceptions in Struts * Customization on ExceptionHandler   **Tiles Frame work**  **Built-in Actions in Struts**   * IncludeAction * ForwardAction * DispatchAction * LookupDispatchAction * SwitchAction   **Struts 2.x**   * Diff b/w Struts 1.x and Struts 2.x * Struts 2.x Flow of Execution * Struts 2.X Elements * Steps to design Struts Appl. In 2.x version * Struts 2.x Tag library * Struts 2.x Application with Annotation * Struts 2.x Validations   **Database:Oracle**   * Servers:Tomcat & Weblogic * IDE’s: Eclipse, NetBeans |