Web Application Development: Struts/JSF/AJAX

Sun microsystems

Web Application Development

- Enhanced support for JavaServer Faces and Struts
- Java EE 1.3 and 1.4 standards support
- Templates for the creation of JSF Managed Beans, Struts Actions, and Struts Form Beans
- Support for real world source structures and development practices
- Web Application build support based on Apache Ant
- Easy management of web application libraries

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Web App. Development Features

- JSP editor supporting syntax highlighting, advanced code completion and other features
- Context help for HTML syntax, JSP syntax and JSP tag libraries in the JSP editor
- One click deployment of web applications to Sun Java System Application Server, Tomcat Web Server, JBoss 4, and WebLogic9
- Visual editing of deployment descriptor for Web Applications
- HTTP monitoring to help debugging web applications

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Web App. Development Features

- Validation of Web Applications using the Java EE Verifier
- Discovery of syntax errors in JSP pages using in-place error detection or using the JSP Compilation feature
- Tag library creation and development
- Bundled JavaServer Pages Standard Tag Library (JSTL)
- Running web pages in the web browser of the user's choice
- Import of existing web applications with or without an existing Ant script

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Struts and JSF Support

Lab1: Develop a simple Struts application

- Code completion in Struts and JSF tags*
- Context sensitive Struts or JSF JavaDoc
  > You have to add a document zip file or API directory yourself
- Action mapping
- Input validation
- Navigation
- Error handling

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Lab2: Build Any Struts App as NetBeans Project

- Using "existing source" project option

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AJAX Support

Lab3: Build and Run AJAX Sample Apps

- NetBeans comes with sample AJAX applications
- Auto-completion
- Input-validation
- Progress bar

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Resources

**http://www.javapassion.com/
netbeans/masterindex.html#
WebApp**