

Advance Java

Servlet

Basics of Servlet

- ✓ Servlet: What and Why?
- ✓ Basics of Web
- ✓ Servlet API
- ✓ Servlet Interface
- ✓ GenericServlet
- ✓ HttpServlet
- ✓ Servlet Life Cycle
- ✓ Working with Apache Tomcat Server
- ✓ Steps to create a servlet in Tomcat
- ✓ How servlet works?
- ✓ servlet in Myeclipse
- ✓ servlet in Eclipse
- ✓ servlet in Netbeans

ServletRequest

- ✓ ServletRequest methods
- ✓ Registration example with DB

Servlet Collaboration

- ✓ RequestDispatcher
- ✓ sendRedirect

ServletConfig

- ✓ ServletConfig methods
- ✓ ServletConfig example

ServletContext

- ✓ ServletContext methods
- ✓ ServletContext example

Attribute

- ✓ How to set, get and remove example?

Session Tracking

- ✓ Cookies
- ✓ Hidden Form Field
- ✓ URL Rewriting
- ✓ HttpSession

Event and Listener

Filter

- ✓ Filter
- ✓ Authentication Filter
- ✓ FilterConfig
- ✓ Useful examples

ServletInputStream and ServletOutputStream

Annotation Servlet

Project Development

JSP

Basics of JSP

- ✓ Life cycle of JSP
- ✓ JSP API
- ✓ JSP in Eclipse and other IDE's

Scripting elements

- ✓ scriptlet tag
- ✓ expression tag
- ✓ declaration tag

9 Implicit Objects

- ✓ out
- ✓ request
- ✓ response
- ✓ config
- ✓ application
- ✓ session
- ✓ pageContext
- ✓ page
- ✓ exception

Directive Elements

- ✓ page directive
- ✓ include directive
- ✓ taglib directive

Exception Handling

Action Elements

- ✓ jsp:forward
- ✓ jsp:include
- ✓ Bean class
- ✓ jsp:useBean
- ✓ jsp:setProperty & jsp:getProperty
- ✓ Displaying applet in JSP

Expression Language

MVC in JSP

JSTL

Custom tags

- ✓ Custom Tag : What and Why?
- ✓ Custom Tag API?
- ✓ Custom Tag Example
- ✓ Attributes
- ✓ Iteration
- ✓ Custom URI

Project Development in JSP