

Introduction to the JavaServer Pages API («JEE03»)

This course provides an introduction to the practical use of JavaServer Pages (JSP) in web applications.

Duration: 2 days

Price: 1'400.–

Content

1. Basics
 - JSP Life Cycle
 - Interface `javax.servlet.jsp.JspPage`
 - Interface `javax.servlet.jsp.HttpJspPage`
2. web applications
 - Texture
 - Deployment Descriptor
 - Web Archive (WAR)
3. JSP Elements
 - directive
 - declaration
 - expression
 - scriptlet
 - comment
4. Web container
 - scope
 - Implicit Objects
 - Class `javax.servlet.jsp.JspContext`
 - Class `javax.servlet.jsp.PageContext`
 - Class `javax.servlet.jsp.JspWriter`
5. JSP Documents
 - XML namespace
 - directive
 - declaration
 - expression
 - scriptlet
 - comment
 - text
 - CDATA
6. Expression Language (EL)
 - syntax
 - types of data
 - Implicit Objects
 - scope
 - operators
 - functions
7. Standard Actions
 - syntax
 - worker bean
 - items
8. JSP Standard Tag Library (JSTL)
 - basics
 - Core Tag Library
 - Formatting Tag Library

- SQL Tag Library
- XML Tag Library
- Functions Tag Library

9. Custom Tags

- Day Life Cycles
- Interface javax.servlet.jsp.tagext.JspTag
- Interface javax.servlet.jsp.tagext.day.tag
- Interface javax.servlet.jsp.tagext.iterationTag
- Class javax.servlet.jsp.tagext.TagSupport
- Interface javax.servlet.jsp.tagext.BodyTag
- Class javax.servlet.jsp.tagext.BodyTagSupport
- Interface javax.servlet.jsp.tagext.SimpleTag
- Class javax.servlet.jsp.tagext.SimpleTagSupport
- Class javax.servlet.jsp.tagext.JspFragment

10. Tag Files

- syntax
- directive
- Implicit Objects

11. Tag Library Descriptor (TLD)

- Tag Deployment
- syntax

Key Learnings

- Introduction to the JavaServer Pages (JSP) API Specification
- Practical use of JavaServer Pages (JSP)

Target audience

This course is aimed at application developers who want to use JavaServer Pages (JSP) in web applications.

Requirements

Several months of practical experience in application development with Java and/or completion of the previous course:

- [Introduction to Java Servlet API \(«JEE02»\)](#)

Further courses

- [Introduction to the JavaServer Faces API \(«JEE04»\)](#)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-software-engineering/programming-languages/java-javascript/course-introduction-to-the-javascript-api