



Développement d'applications Web Java avec Tapestry

Référence : TAPESTRY-01-04

Durée : 4 jour(s)

Présentation

This four day Core Tapestry: Web Application Development with Tapestry course is taught as an interactive workshop consisting of seven labs. You will learn a different aspect of Tapestry in each lab; a particular component or set of components, or a particular challenge you are likely to face. This Tapestry workshop will give you a thorough introduction into the way of Tapestry, enable you to understand exactly what it is that Tapestry does and how it operates internally.

Objectifs

- Leading you into the way of Tapestry
- Help you understand exactly what it is that Tapestry does
- Know how Tapestry operates internally

Répartition: 40% Théorie, 60% Pratique

Public: Développeur Web

Pré-requis: Avoir une connaissance de Java, HTML et XML. A peu de JavaScript est utilisé les derniers jours de la formation

Programme

Session 1 : Tapestry Basics

- Overview of Tapestry
- Pages, templates, property expressions
- Developer features: Live class reloading, exception reporting
- Managing server-side state

Session 2 : Hibernate

- Hibernate Basics: Session, HQL, Entity Types
- Using a Layout Component
- Displaying results using a Loop
- Tapestry Dependency Injection
- Page activation contexts
- Using and customizing the BeanEditForm component
- Adding client side user input validation
- Handling page flow

Session 3 : Composants

- Basics: Location and Naming
- Defining Parameters with @Parameter
- Using MarkupWriter interface
- Rendering state machine
- Render Phase Methods
- Layout Components
- Setting a default Binding Prefix
- Using Tapestry Blocks
- Customizing BeanEditForm

Session 4 : JavaScript

- Including JavaScript Libraries
- Creating a RichTextArea component
- Improving client-side initialization
- Tapestry 5 IoC in more detail
- Defining Services
- Dependency Injection
- Extensibility via Composition
- Understanding Tapestry Service Configurations
- Add new data types to BeanEditForm

Session 5 : Grid

- Grid component basics
- Customizing Grid
- Supporting new output data types
- Using Grid inside Form




Session 6 : Ajax

- Understanding the Ajax lifecycle
- Using the ProgressiveDisplay component
- Using the Zone component
- Adding Keywords to Posts
- Linking client-side behaviour to server-side events
- Editing Keywords using a Modalbox dialog

Session 7 : Tapestry

- Types of testing: unit, integration, acceptance, performance
- Using Groovy for writing tests
- Unit testing with TestNG
- Mocking services and resources with EasyMock
- Using the PageTester utility
- What is Selenium?
- Writing integration tests using Selenium

OFFERT EN INTER-ENTREPRISE

-  Le petit déjeuner croissants, jus d'orange, café)
-  Le déjeuner
-  Une qualification téléphonique si nécessaire avec l'un de nos consultants

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Auteur du cours



Howard Lewis Ship est le créateur et développeur des projets **Apache Tapestry** et **Apache HiveMind**. Il possède une expérience de 20 ans dans le développement dont 12 en Java. Howard est également l'auteur de **Tapestry in Action**

