SETC Training Corporate Logo

Java Training: GRAILS Development (GRAILS, 4 jours)

Description

The course GRAILS Development (Java Training) covers every aspect of GRAILS based application development. The course begins with the installation and configuration of GRAILS. The training covers Groovy including the Groovy web layer, GSP pages & tags, Filters & GSP custom tags. The course includes an exploration of Groovy ORM, persistence, validation and URL mapping.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Introduction to Grails

- Grails Overview
- Downloading and Installing Grails
- Grails Interactive Mode
- Using Grails within an IDE
- Supported JEE Containers

Groovy Web Layer

- Controllers and Actions
- Scopes and Controllers
- Models
- Views
- Chaining and Redirection
- Intercepting Controllers
- Understanding Command Objects

Groovy Server Pages

- GSP Basics
- A Simple GSP
- Running the GSP Examples
- GSP Syntax and Directives
- GSP Expressions
- Creating Controls

GSP Tags

- Scopes and Variables
- Filtering and Search Tags
- Links and Resources
- Tags as Method Calls

Tag Libraries

- Scopes and Variables
- Simple Tags
- Logical Tags
- Iterative Tags
- Using JSP Tag Libraries

Grails URL Mappings

Mapping to Controllers and Actions
Mapping to Views
Mapping Wildcards
Constraints
Named URL Mappings
Grails Web Flow
Action States and View States
Workflow Execution Events
Flow Scopes
Flow Execution Events
Filters
What is a Filter?
Sample Filter
The Filter API
Initializing Filters
Blocking the Response
Modifying the Response
Running the Examples
Validation
Defining Constraints
Validating Constraints
Applying Validation on the Client
Validation Errors and Globalization
Grails Domain Object Relational Mapping
Getting Started with GORM
Basic CRUD Commands
Modelling Associations
Modelling Composition
Modelling Inheritance
Working with Collections – Sets, Lists and Maps
Object Persistence
Saving and Updating Objects
Deleting Objects
Working with Cascading Settings
Eager and Lazy Fetching Settings
Locking – Optimistic and Pessimistic
Querying
Dynamic Finders
Executing Where Queries
Criteria Queries
Detached Criteria Queries
Securing Web Applications
JEE Security
Securing a Grails Application
Preventing Cross Site Scripting
Encoding and Decoding Objects
Authentication