

PRG850 : Grails Programming

Code : PRG850 **Duration :** 3 days

Category : Scripting

Audience :

This course is intended for Java developers who want learn how to work with the new state of the art framework Grails.

Prerequisites :

Knowledge of Java and the script language Groovy are required to participate in the course.

Realization :

The theory is discussed on the basis of presentation slides. The concepts are illustrated with demos. The theory is interspersed with exercises. The course material is in English.



Grails



Contents :

The course Grails Programming teaches how to use the Grails framework for the pragmatic development of a Java EE application. The framework is based on the Model Driven Design paradigm. In this Grails course participants will gain the knowledge to become a Grails developer. First, the most important foundations of the Groovy programming language, needed to become comfortable with Grails development, are treated. After this introduction, attention is entirely focused on the Grails framework. The full stack (model, view and controller) is explained in detail. Then all the important issues for the successful development of a Grails application are on the agenda such as Services, Plugins and GORM.

Module 1 : Grails Intro

- The Essence of Grails
- Getting Started with Grails
- Understanding Domain Classes
- Understanding Controllers
- Understanding Views

Module 2 : Grails Components

- Mapping URLs
- Internationalization
- Ajax
- Creating Web Flows
- GORM – Grails Object Relational Mapping
- Services

Module 3 : Grails Integration

- Integrating Grails
- Plugins
- Security
- Web Services
- Leveraging Spring
- Legacy Integration with Hibernate
- To Production: Grails and Tomcat