Ruby on Rails

Duration: 2 Days **Course Code: RUBYR**

Overview:

Ruby on Rails Course Overview

English - Please note this course is only available in English.
Nederlands - Let op: deze training is alleen in het Engels beschikbaar.
Français - Veuillez noter que ce cours est uniquement disponible en anglais.
Ruby is a high level Interpreted,Object Oriented,rapid development language deployed in many scenarios in the modern world.
This Ruby on Rails

Target Audience:

Who will the Course Benefit?

Objectives:

- Course Objectives
- This course aims to provide the delegate with the knowledge to be able to understand,develop and maintain Ruby applications and Rails based projects.

Prerequisites:

- Delegates attending this course should have experience programming in Ruby. This knowledge can be obtained by attendance on the pre-requisite Ruby Programming course.

Follow-on-Courses:

Further Learning

- Apache Web Server
- Introduction to MySQL
- Python Programming 1
- PHP Developer

Content:

Ruby on Rails Training Course Course Contents - DAY 1

Course Introduction

- Administration and Course Materialsqq
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: REST

- What is REST
- RESTful architecture
- A simple REST client

Session 2: INTRODUCTION TO RUBY ON RAILS

- Install Ruby on Rails on an operating system
- The Model-View-Controller approach
- Rails Conventions
- Rails project structure
- Using RubyGems with Rails

Session 3: ROUTING

- What is a Route
- Define routes that recognize incoming URLs
- Use named route methods to generate URLs based on the routing scheme
- Apply and understand the RESTful routing conventions
- Design apps to take advantage of the REST conventions in Rails

Session 4: MODELS

- What is a Model
- Using ActiveRecord
- Validations
- Associations
- Migrations Course Contents - DAY 2

Session 5: : CONTROLLERS

- What is a Controller
- Creating controllers
- Using ActionController
- Writing Actions
- Filters

Session 6: VIEWS

- What is a View
- Exploring ActionView
- Writing Views for actions
- Partials
- Forms

Session 7: CREATING A RAILS PROJECT

- Creating the project
- Project Directory structure
- Using the Rails web server
- Creating the initial controller
- Modify the initial index.html file
- Setting the Route
- Creating a resource
- Viewing routes with rake

Session 8: RAILS SCAFFOLDING

- What is Scaffolding
- Creating a new project
- Generating the Rail Scaffold
- Customising the application

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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