

Ruby on Rails

Duration: 2 Days Course Code: RUBYR Delivery Method: Company Event

Overview:

Ruby on Rails Course Overview

Ruby is a high level Interpreted, Object Oriented, rapid development language deployed in many scenarios in the modern world. This Ruby on Rails course is designed to give delegates the knowledge to develop and maintain Ruby applications and Rails based projects. Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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.
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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.
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Follow-on-Courses:

Further Learning

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

Ruby on Rails Training Course Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- 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
- Partial
- 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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www.globalknowledge.com/en-be/