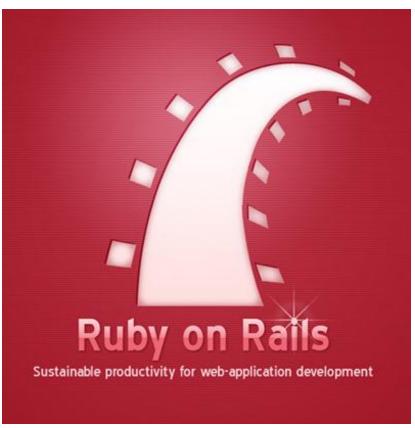
PROFESSIONAL TRAINING COURSE



4 Days Course on Developing Web Applications with Ruby on Rails





Two Sigma Technologies

Suite B, 19-2, Jalan PGN 1A/1, Pinggiran Batu Caves, 68100 Batu Caves, Selangor Tel: 03-61880601/Fax:03-61880602 sales@2-sigma.com



Course Overview

Ruby on Rails course describes how to write database-backed Web Applications using the Ruby on Rails (also pronounced RoR, or Rails) Framework. In this Ruby on Rails 4 days training course, students are taken through the various steps of creating a full-fledged Web Application and this course provides a solid foundation in Ruby as well as Rails. Students are taken through the various steps of creating a full-fledged Web Application. Students will learn to create database-driven websites using Ruby on Rails either static or dynamic pages. They will learn to install Ruby and Rails, to program in Ruby and on Rails applications.

Benefits of Attendance

Upon completion of this course, students will be able to:

- Download and install Rails along with various other products that allow one to write Rails applications
- Understand the Model, View, Controller paradigm and how this applies to Rails applications
- Understand the directory structure of a Rails application
- Build non-trivial database backed Web Applications
- Understand the ActiveRecord classes and how they wrap database tables
- Understand the interplay between various controller actions and .erb (embedded Ruby) files
- Understand the Create, Read, Update, and Destroy (CRUD) paradigm
- Validate Model data
- Use the Rails console to debug applications

Prerequisites

Have knowledge and/or experience in HTML, CSS, SQL, PHP and JavaScript programming.

Course Settings

Date	Refer to Training Calendar	
Venue	Refer to Training Calendar	
Fees	Contact Us at sales@2-sigma.com	
Timings	0900-1700 (4 Days)	
Inclusive	Certificates and notes	
Audience	IT Officer, Web Application Developer and Programmer	



Ruby On Rails -Schedule

Ruby On Rails -Schedule			
Day 1			
09.00am – 10.00am	An Overview Of Ruby on Rails		
	What is Ruby on Rails? Overview of Rails Components.		
	Overview of Rails Components Installing Rails		
	Installing Rails A Simple Rails Application		
	A Simple Rails Application Starting the Rails Samer		
10.00am – 10.30am	Starting the Rails Server Breakfast		
10.30am – 12.45pm	0 5 11 5 11. 4 11		
10.00am 12.40pm	 Static Pages Within a Rails Application The Structure of a Rails Application 		
	Generating a Controller		
	Rendering the View		
	A. I. Para a Otatia Dana		
	 Adding a Static Page Dynamic Pages with Embedded Ruby 		
	Using the render Method		
	Using the link_to Method		
12.45pm – 02.15pm	Lunch		
02.15pm – 05.00pm	Rails and HTML Forms		
02. 15pm – 05.00pm	A Basic HTML Form		
	Processing an HTML Form		
	Working With Form Data		
	Other Form Elements		
	Form Tag Helpers		
Day 2			
09.00am – 10.00am	Databases and Rails		
	Review of the MVC Architecture		
	Entities and Relationships		
	5		
40.000 40.000	Rails Database Conventions Propleto at		
10.00am – 10.30am	Breakfast		
10.30am – 12.45pm	Adding a Model		
	Database Migrations The Reile Peterbase Canada		
	The Rails Database ConsoleCreating a Rails View of a Database Table		
	 Creating a Rails View of a Database Table Scaffolding 		
	RESTful Routes and Resources		
12.45pm – 02.15pm	Lunch		
02.15pm – 05.00pm	Form Helpers and Validation		
	·		
	Introduction Form Holpers and form, for		
	Form Helpers and form_for		



	Processing Form Helpers			
	From Form to Database			
	Redirection			
	Data Validation			
Day 3				
09.00am – 10.00am	Validation Helpers			
	The presence Validator			
	The numericality Validator			
	The uniqueness Validator			
	The length Validator			
	The format Validator			
10.00am – 10.30am	Breakfast			
10.30am – 12.45pm	Custom Validation Methods			
	The errors Object			
	 Displaying Validation Errors in the View 			
Adding Style to an Application				
	Styling			
	Rails and Sass			
	Cascading Style Sheets			
12.45pm – 02.15pm	Lunch			
02.15pm - 05.00pm	Users			
	 Introduction 			
	 Configuring an Application for Sessions 			
	Registering Users			
	The Register Action			
Day 4				
09.00am - 10.00am	The flash Hash			
	Validating the Registration			
	Logging in			
	Logging Out			
	Protected Pages			
	• Filters			
10.00am – 10.30am	Breakfast			
10.30am – 12.45pm	Putting it All Together			
	 Introduction 			
	The Business Application			
	Database Terminology			
	Linking Two Models			
	Adding Tasks			
	The Database Tables			
12.45pm – 02.15pm	Lunch			
02.15pm – 05.00pm	Displaying Employee Tasks			
	Displaying Employee Tacks			



- Deleting a Task
- Listing Employees and Tasks
- Migrations
- Editing a Record
- Summary

More Information

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To register, please email to sales@2-sigma.com or fax the registration form to 03-61880602, we will contact you for further action.