

Ruby on Rails Training

This two day instructor-led introduction to Ruby on Rails is intended for delegates who are familiar with web technologies and are looking to gain a core practical understanding of the advantages and excitement that developing with Ruby on Rails brings.

Objective

Upon completion of this Ruby on Rails training course, the delegate will:

- Program in Ruby
- Understand the Rails Framework
- Harness the speed and ease of developing a Rails application
- Create and use XML in Rails applications
- Use Ajax in Rails applications
- Build dynamic database-driven web sites

Details

Duration: 2 Days

Who is this course for

This training course is for developers who already have a solid knowledge of HTML and ideally some additional knowledge of XML, SQL and any Server Side / Object Orientated programming Language (although this is not essential).

Course Content

Introducing Ruby

- Working with different datatypes
- Defining Constants
- Using Operators and Expressions
- Introduction to Arrays
- Working with Hashes
- Generator and Predicate Ranges

Working with Ruby

- The if Statement
- Using the else / elsif Statements
- Using the unless Statement
- Understanding Modifiers
- The case Statement
- While & Until loops
- Methods and Arguments

Introducing Rails

- The Model-View-Controller design
- Putting Ruby on Rails
- Creating a Controller / an Action / a View
- Adding HTML in The View
- Passing Data from an Action to a View
- Using Sessions
- Accessing user data via form controls
- Using data in Controls
- Working with Modules
 - Applying Controls to Modules

Working with Ruby on Rails

- Testing & validating data integrity
- Setting and Reading Cookies
- Creating Filters
- Creating XML with Views
- Using View Helpers
- Using Partial Templates
- Passing Data to Partial Templates
- Using Ajax with Rails

Database Connection

- Connecting to a database
- Create and Name the Model and Controller
- Adding & Editing records to the database
- Displaying data from the database
- Table-naming conventions
- Object-relation mapping put on rails
- Creating ActiveRecord models
- Passing Arguments to a Method
- Return values from a method
- Return multiple values from a method
- Classes, Modules and Mixins
- Creating a Class / Modules & Mixins
- Using an Object
- Using Class Variables & Methods

Silicon Beach Training Ltd

Moorgate House, 5-8 Dysart Street, London, EC2A 2BX