

Synopsis

Ruby on Rails is a framework for quickly building web applications. Rails takes advantage of many of the lessons learned over the past decade of web development. Rails uses Model/View/Controller (MVC), view templates, sessions, cookies, and many other abstractions that developers in any web framework will find familiar. But Rails improves on the past as well. With convention over configuration, you use configuration only where necessary, so simple applications do not require hundreds of lines of boilerplate XML. In this session you will learn why Rails is so powerful, and why other frameworks are racing to emulate Rails best features. Best of all, Ruby and Java technology are growing together. With JRuby, you can run your Rails apps on a Java technology-based VM, and continue to access the enormous base of useful Java libraries. You will see how easy it is to get an application started with JRuby on Rails.

Who Can Benefit

- Web application developers
- Enterprise application developers

Prerequisites

Web application development experience in some object-oriented language.

Skills Gained

Upon completion of this course, you should be able to:

- Learn the basics of Ruby
- Learn the basics of Rails
- See how Rails' use of convention over configuration simplifies web application development
- Explore the future of Java technology: JRuby

Related Courses

Related courses before

- SL-110: Fundamentals of the Java Programming Language (SL-110)
- SL-275: Java Programming Language (SL-275)

Related courses after

- SL-285: Java Programming Language Workshop (SL-285)



Content

Ruby: A convergence of good ideas

- Ruby
- The interactive Ruby shell
- Core classes
- Reflection

Ruby Eye for the Java Technology Guy: What makes Ruby so different

- Everything is an object
- OO goes meta
- Open classes
- Collections, procs, and blocks

Rails in Five Minutes

- Migrations: agility for schema
- Scaffolds: getting started fast
- Structure of an application
- Support scripts

Rails in One Hour

- Updating a schema
- Adding validations
- Domain-Specific Languages (DSLs)
- Adding relationships
- Modifying the view
- Using the flash
- Framework Comparison
- Modifying Controllers
- Ajax

JRuby on Rails

- Getting started
- Calling Java
- Roadmap

REGISTRATION AND INFORMATION

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