Ruby, Part 3 of 6: Input/Output and Gems

Meet the expert: Jordan Hudgens has certifications for Ruby on Rails, Thinkful; Ruby on Rails, Bloc.io; Front End Development, Thinkful; and AngularJS, Thinkful. He is currently vice president of engineering for TRACKR in Midland, Texas and is working on his PhD in Computer Science from Texas Tech. In addition to Ruby, Jordan works with PHP, JavaScript, MySQL, Postgres, CSS3, C, C++, C#, Objective-C, and Python. He also works with the frameworks Rails (Ruby), Zend (PHP), and Django (Python), plus the libraries AngularJS, jQuery, and Backbone.js.

Prerequisites: You should be familiar with basic text editing in a Windows or Linux environment. No prior knowledge of programming is assumed.

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Course description: This course covers some practical components of Ruby development including how to work with its file system. Ruby expert Jordan Hudgens will explore methods that enable Ruby programs to generate files and dynamically add data to preexisting files. Later, to help you practically apply this knowledge, Hudgens will guide you through incorporating Ruby gems into an application and also building a Ruby program that connects to an outside API and works with the data which is sent back.

Course outline:

File Operations
- Introduction
- Creating a File
- Demo: Creating a File
- Demo: File.new
- Reading from a File
- Demo: Reading from a File
- Appending to a File
- Demo: Appending to a File
- Deleting a File
- Demo: Deleting a File
- Summary

Input and Output
- Introduction
- Printing out Options
- Demo: Printing
- Input from Console
- Demo: Input from Console
- Heredocs
- Demo: Heredocs
- Summary

RubyGems
- Introduction
- What Are RubyGems?
- Demo: Using Gems
- Using HTTParty to Call APIs
- Demo: HTTParty Gem
- Using the Dish Gem
- Demo: Dish Gem
- Demo: Post to API
- Summary