



This note (page) is a placeholder for the entire course

Welcome to the first-ever Free, online Sinatra course from [RubyLearning](#).

This course is based on RubyLearning's "[Introduction to Sinatra](#)" book. Do consider buying this eBook to support the time and energy put into the various courses by RubyLearning's mentors and to help RubyLearning bring to you relevant eBooks and courses related to the Ruby programming language.

Please Note:

1. All links to various pages related to our course will reside on this page.
2. The course will probably be covered in 7 days.
3. Remember to *comment* on every page related to the course, so that we can help you out with your queries.
4. I am using Ruby 1.9.3, Windows O/S and the commands that I show you would be for Windows. Similar commands are available for other O/S.
5. Create a free a/c on [GitHub](#). You shall require this to use their Gist functionality to showcase your Sinatra code.
6. Create a free a/c on [Heroku](#). You will require this to deploy your Sinatra apps.
7. Since we are on Facebook, do add me as a Friend so that we can chat and resolve any problems you are facing with the course. I am normally online from 7 to 18 hrs IST.
8. *At the end of the course, I will provide here a link to download all the programs used in this course.*
9. As suggested by [Trey Brister](#) it's advisable that whoever undergoes this course should complete [Learn Ruby the Hard Way](#) and [try ruby](#).

What's Sinatra?

Sinatra is a micro-framework for quickly creating *tiny web-applications* and *small services* in Ruby. It is not a Model-View-Controller (MVC) based framework.

Please read – [Sinatra, a Ruby web framework, and Why it Matters](#).

Thanks to [Heroku](#) for providing the facility to create free hosting accounts for all the participants, to host their apps created during the course. Heroku – it's fast, it's easy, and it just works!

What Will I Learn?

In this introductory course, you will learn the essential features of Sinatra that you will end up using every day. The course topics are:

- Introduction to Sinatra
- What is Sinatra?
- A quick look at HTTP
- What's HTTP?
- Loading a web page

- HTTP request methods
- A quick look at Routes
- set
- before block
- pass
- status
- A trivial Sinatra application
- Installation and Dependencies
- Deployment with Git and on Herokku
- Views - ERB
- Handler
- Form parameters
- Layouts
- Error Handling
- Helpers
- Exercises
- String Reversal Service
- Simple CRUD app with ActiveRecord and YAML
- Using Rack Middleware

Many other applications (Stock Exchange Quote Service, Mountain Bike Trails, Finding Photos on Flickr, Sorter Web Service) and Sinatra functionality is covered in the paid course on Sinatra at RubyLearning.

Some Fun Apps

Here are some fun apps created by the batch participants and deployed to Heroku:

- England's Paul Harris' - [A Simple CRUD App](#).
- Australia's Brett Petersen's - [Mountain Bike Trails](#).
- Mexico's Hector Sansores' - [String Reversal Service](#).

Won't you like to create some simple Sinatra applications like the following?

- [Stock Exchange Quote Service](#) or
- [Finding Photos on Flickr](#)

Yes, you too can build all such applications and many more.

Who's It For?

Anyone who knows the Ruby programming language can take this course, and is a starting point for people new to Sinatra and a guide to help learn it as quickly and easily as possible.

Resources

Read what **Sinatra** experts have to say on *how to learn and master Sinatra*:

- [Corey Donohoe](#)
- [Jeremy Evans](#)
- [Graham Ashton](#)
- [Karel Minarik](#)
- [Chris Strom](#)
- [Nick Plante](#)

- [Julio Javier Cicchelli](#)
- [Carlos Gabaldon](#)
- [Blake Mizerany](#)

Famous **[Rubyists using Sinatra](#)** talked to RubyLearning and gave us their views on:

- [How do I learn and master Sinatra?](#)
- [The 12 rules of Sinatra](#)

Some **interesting insights on Sinatra** by some famous Rubyists, who are using Sinatra -

<http://rubylearning.com/blog/2009/03/20/interview-ryan-tomayko-on-sinatra/>
<http://rubylearning.com/blog/2009/03/20/interview-aaron-quint-on-sinatra/>
<http://rubylearning.com/blog/2009/03/03/interview-adam-keys-on-sinatra/>
<http://rubylearning.com/blog/2009/03/13/interview-adam-wiggins-on-heroku/>
<http://rubylearning.com/blog/2009/04/28/follow-cost-a-sinatra-app-for-twitter/>

Links to the courseware

- [Day 1](#)
- [Day 2.1](#)
- [Day 2.2](#)
- [Day 3](#)
- [Day 4](#)
- [Day 5.1](#)
- [Day 5.2](#)
- [Day 6.1](#)
- [Day 6.2](#)
- WIP...

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