



D04 - Ruby on Rails Training

rails 101

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*Summary: Rails a powerful open source framework aliant high productivity and quality code, while bene fi ting a large passionate community and very responsive.
With the D04, you go to domesticate the most affordable parts.*

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Chapter I

Preamble

The philosophy

- DRY: Do not Repeat Yourself
- Convention over configuration
- REST: Representational State Transfer
- CRUD: Create, Read, Update, Delete The

biblioteque

- [Your new Bible](#)
- [Your new box has tool](#)
- [Your new JT](#)
- [Your new TV](#)

Chapter II

Instructions

- Only this page serve as a reference: Do not fi rm the hallway noise.
- The subject can change up to an hour before rendering.
- If no contrary information is explicitly present, you must assume the following language versions:
 - Ruby 2.3.0
 - for d09 Rails> 5
 - but for all the other days rails 4.2.6
 - HTML5
 - CSS 3
- We prohibit EXPRESSLY using keywords while, for, redo, break, retry and until in Ruby source code that you will make. Any use of these keywords is considered cheating (and / or unfit), giving you the score of -42.
- The exercises are precisely ordered from simple to more complex. In any case, we do not bear attention or take into account a complex exercise if a simpler exercise is not very successful.
- Attention to the rights of your fi les and your directories.
- You must follow the rendering process for all your exercise: only the present work on your GIT repository will be evaluated in defense.
- Your exercises will be evaluated by your pool mates.
- You should leave in your repertoire no other fi le than those explicitly speci fi ed by the forward drills.
- You have a question ? Ask your neighbor to the right. Otherwise, try your left neighbor.
- Your reference manual called Google / man / Internet /
- Think discuss on the forum of your pool Intra!
- Read the examples carefully. They might require things that

not otherwise specified in the subject ...

- Please, by Thor and Odin! Re fl échissez dammit!

chapter III

Specific Rules of the day

- All files are made of Ruby On Rails web applications.
- Any project of the day must include in the file Gem:


```
gem 'rubycritic': require => false
```

During the execution of the command "rubycritic" the "smells" section of the html page report MUST BE EMPTY! !

- Unless stated subject, NO extra Gem is allowed to accomplish these exercises.

chapter IV

00 Exercise: CheatSheet

	Exercise: 00 Exercise 00:
CheatSheet	
Render Folder: ex 00 / Files to make: CheatSeet	
Permitted functions: bootstrap-sass, rubycritic	
Remarks: n / A	

Not content with having made heir your first "Hello World" in rails, you feel Posser wings and decide to go further in the use of your new companion.

Not too far though ... in e ff ect, we'll all day today, exploi- ter rails in its simplest mechanisms.

NO DATABASE OR FOR 'CRUD' for the moment. We will concentrate on the views.

Appointment [right here](#) and contemplate what mreveilleux site useful commands reminders You must reproduce this site, except for the tabs 'Resources' and 'About' and the footer. Do not waste time doing css pixel, however, some layout and a certain resemblance is appreciable.

Instead you move the page, all tabs buttons should you rediri- ger to a page with the appropriate chapter

These few points are to be respected:

-


- The app will be called "CheatSheet"
- It contains only one controller of your creation, `application_controller` is to leave as is
- Each page has its tag "title" DEDICATED
- You have to write the code for the "nav bar" once!
- The first page is the "Convention"
- All the following pages should be represented:
 - editor
 - convention
 - ruby
 - console
 - numbers
 - thongs
 - arrays
 - hashes
 - rails_app
 - rails_commands
 - embedded_ruby
- Some layout is required. We do not ask for a design worthy of an app to put into production, but a nice simple layout to watch.

Your HTML should be where it's supposed to be, the controller must be on file. No CSS should be present in a file HTML! Use your rails as it should.

Serve you also "inspect element" and be evil, remember the crawl yesterday.

chapter V

01 Exercise: Quick search

	Exercise 01 Exercise 01:
Quick search	
Render Folder: ex 01 / files to make: CheatSheet	
Permitted functions: bootstrap-sass, rubycritic, jquery-rails datatables	
Remarks: n / A	

Rather practice this Cheat Sheet, but it is not yet at the top. You will improve with a plugin jQuery and reformatting the clutter ... Add a tab named "Quick Search" will contain a table that incorporates ALL content of other tables CheatSheet.

This table will be properly trained, will include a header, the many columns, well placed tags etc etc.

Then you can use the gem jquery-datatables rails that will energize you table.


Clearly you must:

- Implementing a new "Quick Search" tab.
- Ensure that tab is the title tag personalized, like the rest of the site.
- To ensure that its contents will be an array of ALL of récupération orders from other pages.
- Associating the plugin jQuery-datatables rails in this table, and include it in the project via its Gem.

NB: if an error popup was ffi che or Javascript is present in the fi le html.erb, the exercise will be counted wrong.

chapter VI

Exercise 02: Diary

	Exercise 02 Exercise
02: Diary	
Render Folder: <i>ex 02</i> / Files to make: CheatSheet	
Permitted functions: bootstrap-sass, rubycritic, jquery-rails datatables	
Remarks: n / A	

The project began CheatSheet have some aplomb. But like any good developer, you hold a technical journal, and incorporate into your project would be an important asset.

Creez a new tab named "Log Book" which figure in page header, an entry form with a button 'Write'. This button, once the form completed and submitted with the text, add the text of the form to a file "entry_log.txt" on the root of your project file CheatSheet

The text will be formatted on the fly by adding at the beginning of the line, the date and time like this:

```
07.15.2016 11:42:00 p.m.: All the crew is asleep Jim. 07.15.2016 11:41:00 p.m.: All the crew  
Jim yawns.
```

The text has ffi drying is done with a loop: Each entry must be a ffi chée following form, with its own tag, and the most recent entry at the entrance most ancienne.door

Every time you click on the "Write" button on the form, you must make sure to be redirected to the same page and the new line is a ffi chée top.