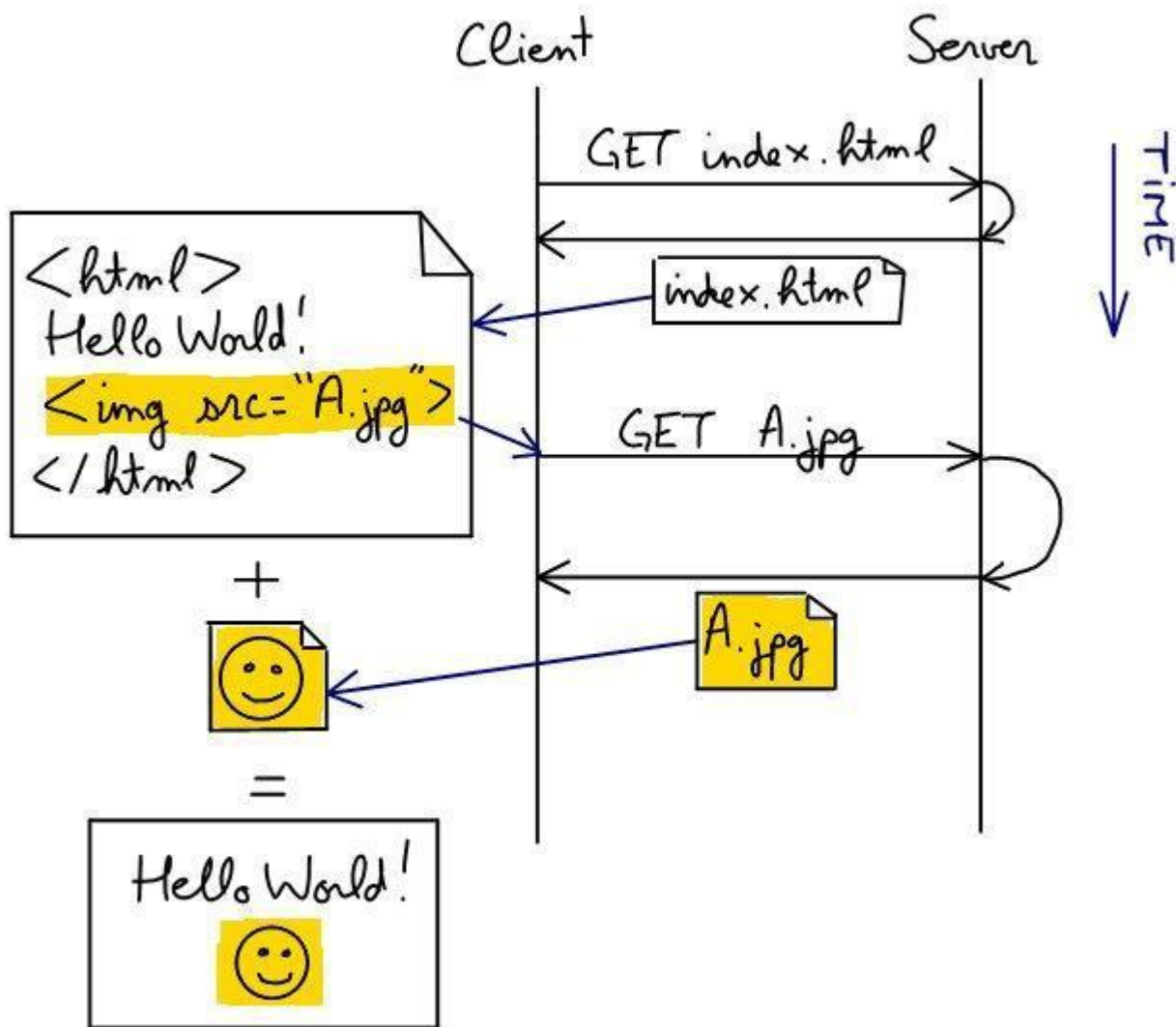


This course is based on RubyLearning's "[Introduction to Sinatra](#)" book. Do consider buying this eBook to support the time and energy put into the various courses by RubyLearning's mentors and to help RubyLearning bring to you relevant eBooks and courses related to the Ruby programming language.

HTTP

Please [download this pdf file](#) and read thro' the same. Post your queries as comments to this page.



Credit: <http://blog.monstuff.com/archives/images/HTTP2.jpg>

RubyGems

RubyGems is a package manager - it has a name (e.g. rake) and a version (e.g. 0.4.16) - which became part of the standard library in Ruby 1.9. It allows developers to search, install and build gems, among other features. All of this is done by using the gem command-line utility. You can find its website at <http://rubygems.org/>.

We shall now learn how to install Sinatra and all its dependencies namely: SQLite3, sqlite3 ruby gem and activerecord.

Note: Please ensure that you have atleast Ruby version 1.8.7 or higher installed on your computer.

Installing Sinatra

The simplest way to obtain Sinatra is through Rubygems:

```
gem install sinatra
```

Note:

1. For Linux/OS X the command would be: `sudo gem install sinatra`
2. I am using Ruby 1.9.3p0 and for Sinatra to work it is recommended to use at least Ruby 1.8.7.

SQLite3 Installation

I am using **SQLite version 3.7.x** here. SQLite is a lightweight SQL-compliant database. SQLite comes pre-installed on OSX and many flavours of Unix. (**Note:** On a Mac OS X 10.4.11 PPC, the **SQLite 3** version installed is 3.1.3, so one has to install a newer version).

Typing `sqlite3` on the command line will bring up a prompt marked **sqlite>** if the software is installed. If not, please install it via your package manager or download the binary from the project's website if you are on Windows check out <http://www.sqlite.org/>.

For Windows, I have downloaded the following "*Precompiled Binaries For Windows*" (i.e. the files: **sqlite-shell-win32-x86-3071300.zip** and **sqlite-dll-win32-x86-3071300.zip**) from the location - <http://www.sqlite.org/download.html>.

Once you've unzipped the above two downloaded .zip files, copy the three extracted files (i.e. the files: **sqlite3.def**, **sqlite3.dll** and **sqlite3.exe**) to your Ruby bin directory (typically: `\ruby\bin`).

Add **sqlite3.dll** and **sqlite3.exe** to your system environment variable - **path**

Install the sqlite3 ruby gem

```
gem install sqlite3
```

Install ActiveRecord

Although **ActiveRecord** is part of Rails, you can also install it as a standalone gem:

```
gem install activerecord
```

That's it for today.

Were you able to install all of the above? Remember to post your queries as **comments** to this page.

Links to the courseware

- Back to the [Beginning of the course](#)
- Forward to [Day 2.1](#)

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