

Install and Run Ruby on Rails 4 on Windows 7

1- Install Ruby:

From this link <http://rubyinstaller.org/> in downloads :

The screenshot shows the RubyInstaller.org website. The main heading is "Downloads". Below it, there are two tabs: "RubyInstallers" and "Archives". Under "RubyInstallers", there is a list of Ruby versions for download, with Ruby 2.1.6 (x64) highlighted. To the right of this list, there is a section titled "WHICH VERSION TO DOWNLOAD?" which provides information about the versions and their compatibility. Below the list of versions, there is a section titled "Other Useful Downloads" which includes links to 7-Zip archives, Ruby Core & Standard Library documentation, and Development Kits. The Development Kits section is further divided into two parts: one for Ruby 1.8.7 and 1.9.3, and another for Ruby 2.0 and above (32bits version only). The Ruby 2.0 and above section has a link to the DevKit-mingw64-32-4.7.2-20130224-1151-sfx.exe file, which is highlighted. Below this, there is a section titled "MD5 & SHA256 Checksums" which provides information about the checksums for the downloads.

Downloads

RubyInstallers **Archives»**

Not sure what version to download? Please read the right column for recommendations.

- Ruby 2.2.2
- Ruby 2.2.2 (x64)
- Ruby 2.1.6**
- Ruby 2.1.6 (x64)
- Ruby 2.0.0-p645
- Ruby 2.0.0-p645 (x64)
- Ruby 1.9.3-p551

Other Useful Downloads

7-ZIP ARCHIVES

- Ruby 2.2.2
- Ruby 2.2.2 (x64)
- Ruby 2.1.6
- Ruby 2.1.6 (x64)
- Ruby 2.0.0-p645
- Ruby 2.0.0-p645 (x64)
- Ruby 1.9.3-p551

RUBY CORE & STANDARD LIBRARY DOCUMENTATION

- Ruby 2.2.2 documentation (CHM format)
- Ruby 2.1.6 documentation (CHM format)
- Ruby 2.0.0-p645 documentation (CHM format)
- Ruby 1.9.3-p551 documentation (CHM format)

DEVELOPMENT KIT

For use with Ruby 1.8.7 and 1.9.3:

- DevKit-tdm-32-4.5.2-20111226-1559-sfx.exe

For use with Ruby 2.0 and above (32bits version only):

- DevKit-mingw64-32-4.7.2-20130224-1151-sfx.exe**

For use with Ruby 2.0 and above (x64 - 64bits only)

- DevKit-mingw64-64-4.7.2-20130224-1432-sfx.exe

MD5 & SHA256 Checksums

For MD5 and SHA256 checksums of available downloads please check the corresponding [package/version files tab](#) or [release notes](#) at the [RubyInstaller repository on Bintray](#).

WHICH VERSION TO DOWNLOAD?

If you don't know what version to install and you're getting started with Ruby, we recommend you use Ruby 2.1.X installers. These provide a stable language and a extensive list of packages (gems) that are compatible and updated.

However, not all packages (gems) are maintained. Some older packages may not be compatible with newer versions of Ruby and RubyInstaller.

The 64-bit versions of Ruby are relatively new on the Windows area and not all the packages have been updated to be compatible with it. To use this version you will require some knowledge about compilers and solving dependency issues, which might be too complicated if you just want to play with the language.

Users of CPUs older than Intel's Nocona (90nm Pentium 4) who wish to use Ruby 2.0.0 will need to build their own using a different DevKit by following these [instructions](#).

WHICH DEVELOPMENT KIT?

Down this page, several and different versions of Development Kits (DevKit) are listed. Please download the right one for your version of Ruby:

- Ruby 1.8.6 to 1.9.3: tdm-32-4.5.2
- Ruby 2.0.0 and above (32bits): mingw64-32-4.7.2
- Ruby 2.0.0 and above x64 (64bits): mingw64-64-4.7.2

DOWNLOAD ISSUES?

Depending on your location, sometimes the downloads will not work. This is due RubyForge provided mirrors. Until we completely move our releases out of them, please add `/noredirect` at the end of the URL and try again.

Sorry the inconvenience.

SPEED AND COMPATIBILITY

RubyInstaller is compiled with MinGW which offers improved speed and better RubyGem compatibility, including support for many more native C-based extensions such as [Ruby FFI](#), [Nokogiri](#), [FXRuby](#) and [many others](#).

CONVENIENCE

No additional software is needed if you want to use the executable versions of the RubyInstaller. If you would like to use the 7-Zip archived versions or the Ruby documentation, you will need to download 7-Zip from the [7-Zip website](#).

DOCUMENTATION

As an added convenience for Windows users, we've made available the Ruby Core and Standard Library documentation in Compiled HTML Help (CHM) format.

BUILD YOUR OWN NATIVE EXTENSIONS

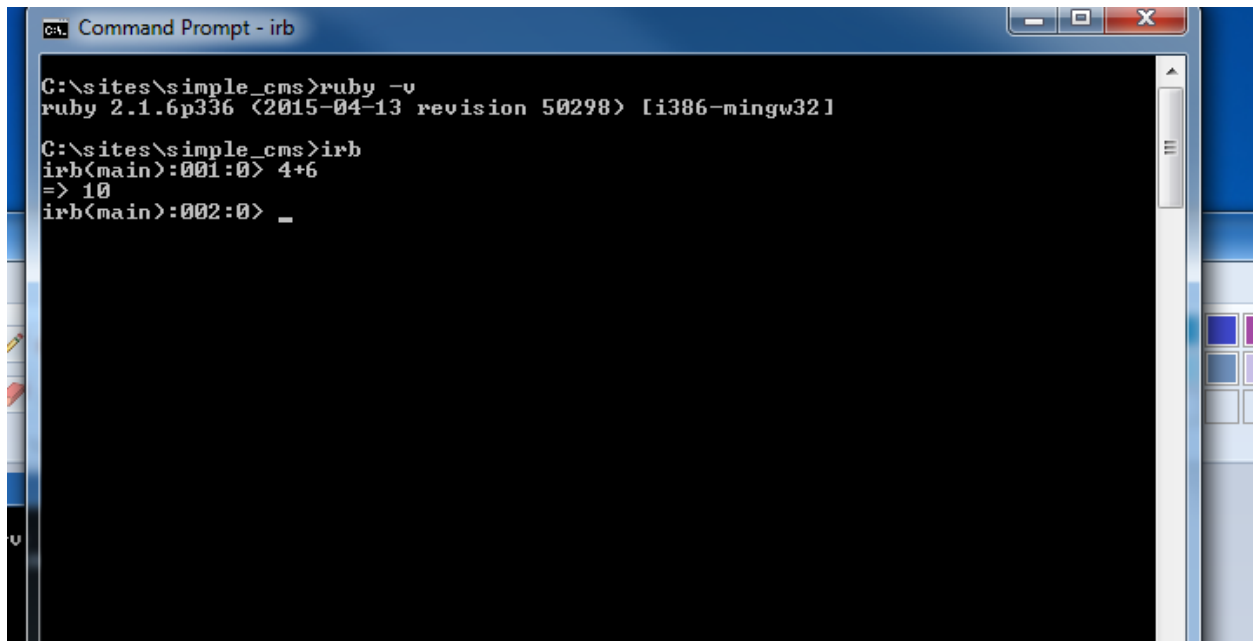
The [RubyInstaller Development Kit \(DevKit\)](#) is a MSYS/MinGW based toolkit than enables you to build many of the native C/C++ extensions available for Ruby.

SUPPORT

First install Ruby version 2.1.6. During installation check “Add Ruby executable to your PATH” and check “Associate .rb and .rbw files with this Ruby installation” to reduce further works.

Test:

In command prompt just type `ruby -v` or type `irb` to get into ruby environment and to exit type `quit`.



```
C:\sites\simple_cms>ruby -v
ruby 2.1.6p336 (2015-04-13 revision 50298) [i386-mingw32]

C:\sites\simple_cms>irb
irb(main):001:0> 4+6
=> 10
irb(main):002:0> _
```

2- Devkit

Is a toolkit that makes it easy to build and use native C and C++ extensions to find more info about devkit you can check this link <https://github.com/oneclick/rubyinstaller/wiki/Development-Kit>

To install from the page <http://rubyinstaller.org/> and downloads we choose the correct version based on our ruby version.

Now we follow the steps which are existing on wiki as well.

- Go to root directory of devkit that we just created
- Type `ruby dk.rb init` which generate a config.yml file
- Type `ruby dk.rb install` which install dev kit.
- Type `gem install json --platform=ruby`
- Type `ruby -rubygems -e "require 'json'; puts JSON.load('[42]').inspect"`

A single RubyGem or just Gem for short, is simply Ruby Code has been packaged up for easy distribution using RubyGems. To see gem list just type: `gem list`

3- Rails

Just type `gem install rails` to get the latest version of ruby.

To avoid downloading some documentation files its better using this:

Ri and rdoc are the forms of documentation

`Gem install rails --no-ri --no-rdoc`

`Rails -v` should show you the existed version of Rails

4- Create a Project

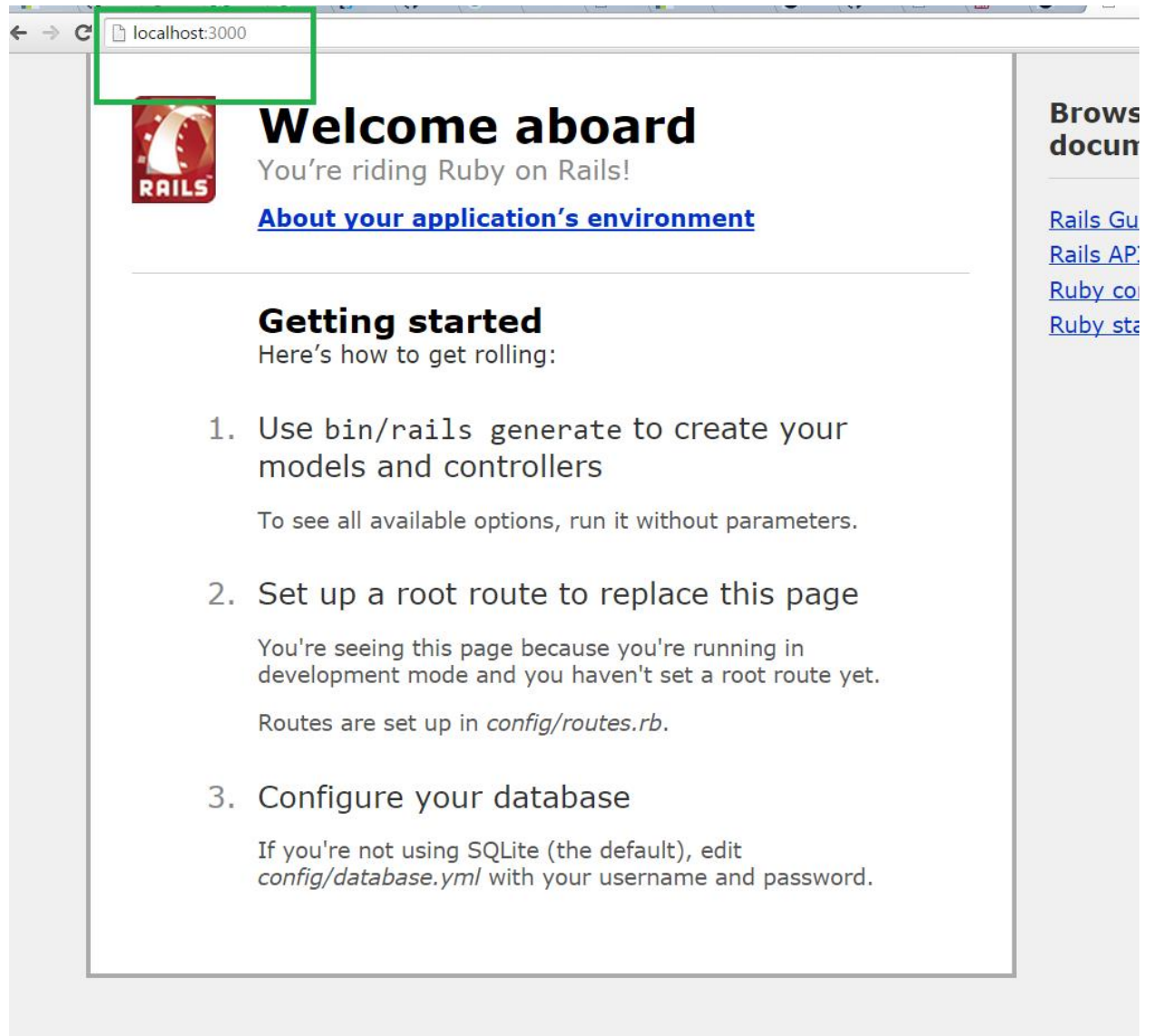
rails new simple_app

cd simple_app

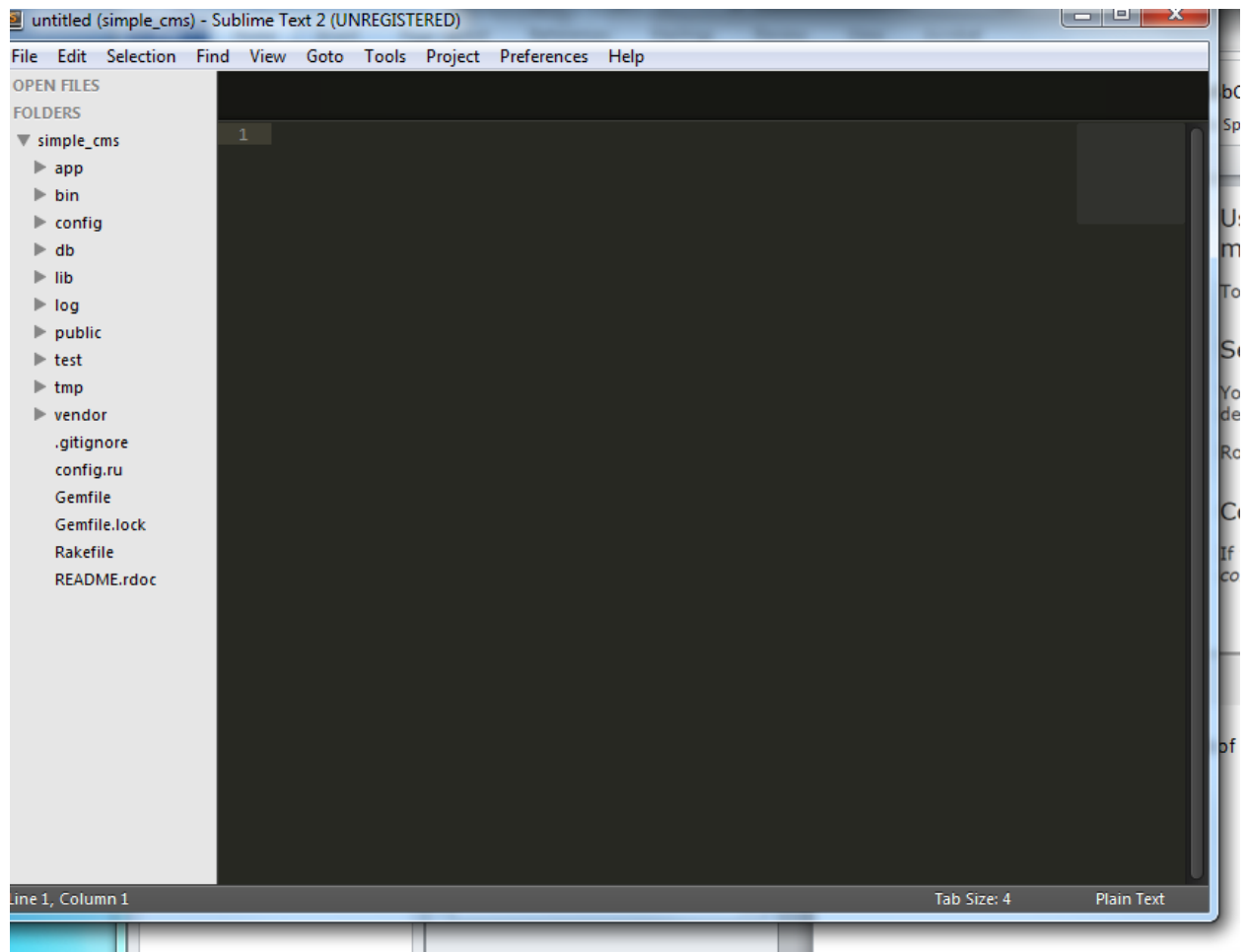
bundle install

rails s

Then you should see it in localhost:3000



We can open the root of our simple content management system by sublime and it would be like below.



5- Now we have Ruby on Rails on windows 7 and ready to start projects