

Installation notes for Ruby

Ruby comes freely available as part of RubyInstaller. The latest version of the RubyInstaller is available at <https://rubyinstaller.org/>

RubyInstaller has everything you need to hit the ground running. In one easy-to-use installer, you get all the common packages needed for a full Rails stack. Latest packages included are:

- Ruby 3.0
- DevKit

Download the latest version for your computer and follow the installation instructions provided.

This will now install most of what is needed, including creating a SSH key and updating GitHub with it.

Both Windows and OS versions for the Mac are available. However further alternative instructions are available from the following sites.

If you're on a Mac, then the instructions for installation are here:

<https://pragmaticstudio.com/blog/2010/09/23/install-rails-ruby-mac>

If you're on a Linux box, then use this blog post as the basis for installing the software you need:

<http://homepages.abdn.ac.uk/b.scharlau/pages/blog/?p=361>

After you install the software come back to the guide and finish installing the required gems listed later in the install guide so that you have all you need.

NOTE: You may need to close any open command prompts, and reopen them as needed, before the changes will take effect.

Once installed, there are still a number of gems etc, needed to be installed. You will also need to install the following gems by hand.

gem install rspec

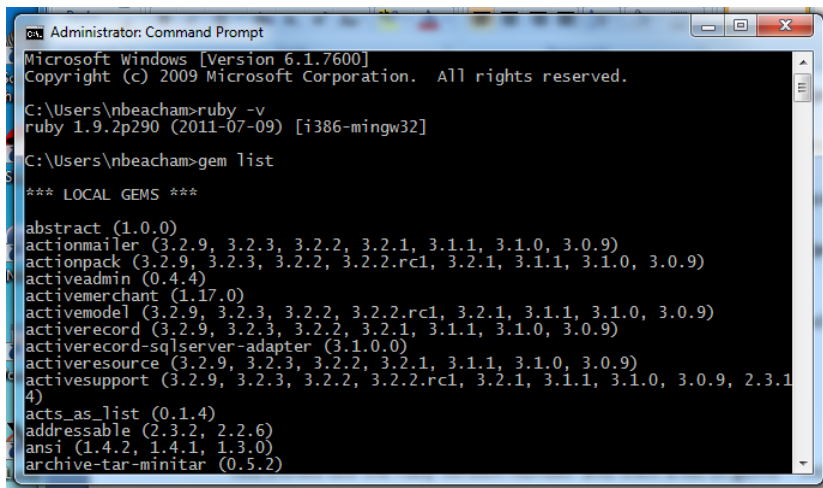
gem install sqlite3

gem install dm-sqlite-adapter

NB: If you experience problems installing the gems it may be that you are installing them behind the University's firewall in which case you may need to use the proxy setting options by adding the following to each command. NOT NORMALLY NEEDED.

--platform=ruby --http-proxy http://proxy.abdn.ac.uk:8080

To check whether Ruby is installed correctly, open a terminal/ command line window and enter the following:



```
Administrator: Command Prompt
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\nbeacham>ruby -v
ruby 1.9.2p290 (2011-07-09) [i386-mingw32]

C:\Users\nbeacham>gem list

*** LOCAL GEMS ***

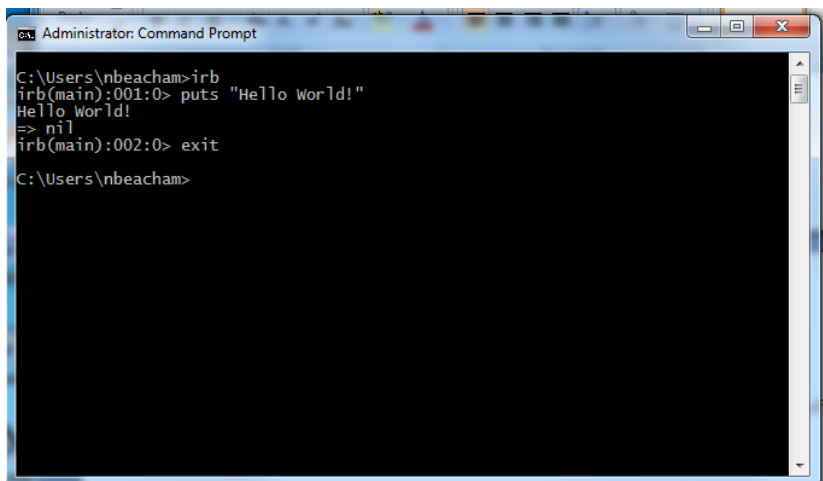
abstract (1.0.0)
actionmailer (3.2.9, 3.2.3, 3.2.2, 3.2.1, 3.1.1, 3.1.0, 3.0.9)
actionpack (3.2.9, 3.2.3, 3.2.2, 3.2.2.rc1, 3.2.1, 3.1.1, 3.1.0, 3.0.9)
activeadmin (0.4.4)
activemerchant (1.17.0)
activemodel (3.2.9, 3.2.3, 3.2.2, 3.2.2.rc1, 3.2.1, 3.1.1, 3.1.0, 3.0.9)
activerecord (3.2.9, 3.2.3, 3.2.2, 3.2.1, 3.1.1, 3.1.0, 3.0.9)
activerecord-sqlserver-adapter (3.1.0.0)
activeresource (3.2.9, 3.2.3, 3.2.2, 3.2.1, 3.1.1, 3.1.0, 3.0.9)
activesupport (3.2.9, 3.2.3, 3.2.2, 3.2.2.rc1, 3.2.1, 3.1.1, 3.1.0, 3.0.9, 2.3.1
4)
acts_as_list (0.1.4)
addressable (2.3.2, 2.2.6)
ansi (1.4.2, 1.4.1, 1.3.0)
archive-tar-minitar (0.5.2)
```

ruby -v

gem list

You should see the Ruby version number and then a list of gems – including those that you have installed manually.

To run a Ruby command from the Ruby command prompt enter the following:



```
Administrator: Command Prompt

C:\Users\nbeacham>irb
irb(main):001:0> puts "Hello World!"
Hello World!
=> nil
irb(main):002:0> exit

C:\Users\nbeacham>
```

irb

puts "Hello World!"

exit

Well done. You are ready to go.