* The latest version of Phusion Passenger is **5.0.23**, and we are running 5.0.13. Passenger is how Apache connects with Ruby, and is independent from Ruby/Rails. Upgrading it really isn’t necessary for us.
  + */home/rise/.rvm/gems/ruby-x.x.x/bin/passenger-config --version*
* The latest version of Ruby is **2.3.0**, we are running 1.9.3 (2.2.1 is installed but not active).
  + ruby -v
* The latest version of Rails is **4.2.5.1**, the site was made for 3.2.11.
  + rails -v ⇐ This is broken! Why is this broken?
* The latest version of RVM is **1.26.11**, which we are running.

When changing Ruby versions, we need to update the Passenger configuration, which is in the apache2 config file /etc/httpd/conf/httpd.conf . Currently the config is set to use Ruby 1.9.3, and the latest version of Ruby is commented out.

#LoadModule passenger\_module /usr/local/rvm/gems/ruby-2.2.1/gems/passenger-5.

0.13/buildout/apache2/mod\_passenger.so

#<IfModule mod\_passenger.c>

# PassengerRoot /usr/local/rvm/gems/ruby-2.2.1/gems/passenger-5.0.13

# PassengerDefaultRuby /usr/local/rvm/gems/ruby-2.2.1/wrappers/ruby

#</IfModule>

LoadModule passenger\_module /usr/local/rvm/gems/ruby-1.9.3-p551/gems/passenge

r-5.0.13/buildout/apache2/mod\_passenger.so

<IfModule mod\_passenger.c>

PassengerRoot /usr/local/rvm/gems/ruby-1.9.3-p551/gems/passenger-5.0.13

PassengerDefaultRuby /usr/local/rvm/gems/ruby-1.9.3-p551/wrappers/ruby

</IfModule>

In order for us to run a newer version of Ruby, either the default ruby value (above) has to be set to the newer one, or the virtual hosts need to be updated with the line ([Passenger config reference](https://www.phusionpassenger.com/library/config/apache/reference/#passengerruby)):

PassengerRuby /usr/local/rvm/wrappers/ruby-2.2.1/ruby

We can do neither of those without root access, so we will need to ask Amyotte to fix that up.

Installing Ruby on Linux:

To install without RVM/Rbenv, follow this procedure ([Brightbox ruby repository](https://www.brightbox.com/docs/ruby/ubuntu/)). This will install Ruby for the whole system, and will require root access for eg working with Gems.

$ sudo apt-get install software-properties-common  
$ sudo apt-add-repository ppa:brightbox/ruby-ng  
$ sudo apt-get update

$ sudo apt-get install ruby2.3 ruby2.3-dev

<https://www.phusionpassenger.com/library/install/apache/install/oss/>