Install ruby:<https://gorails.com/setup/ubuntu/14.04>

install rvm:<https://github.com/rvm/ubuntu_rvm>

permission to directory: sudo chmod 777 /usr/share/rvm

install sublime: <https://www.google.co.in/search?client=ubuntu&channel=fs&q=install+subline+in+ubunto&ie=utf-8&oe=utf-8&gfe_rd=cr&ei=O2DrWLGdIqry8Afa1aWYDQ>

<http://askubuntu.com/questions/172698/how-do-i-install-sublime-text-2-3>

Rails guide: <http://guides.rubyonrails.org/getting_started.html>

rails gems: <https://github.com/rails/rails>

creating a rails project: $ rails new blog

$ cd blog

start web server:$ bin/rails server

create controller:$ bin/rails generate controller Welcome index

$ bin/rails generate controller Articles

check routes:$ bin/rails routes

create database or model:$ bin/rails generate model Article title:string text:text

run migration:$ bin/rails <db:migrate>

Devise gem:<https://github.com/plataformatec/devise>

You can add it to your Gemfile with:gem 'devise'

Then run bundle install

Next, you need to run the generator:

$ rails generate devise:install

Here is a possible configuration for config/environments/development.rb:

config.action\_mailer.default\_url\_options = { host: 'localhost', port: 3000 }

The generator also configures your config/routes.rb file to point to the Devise controller.

$ rails generate devise user(model name)

Then run rake <db:migrate>

To set up a controller with user authentication, just add this before\_action (assuming your devise model is 'User'):

before\_action :authenticate\_user!

# Add sign\_in, sign\_out, and sign\_up links to your layout template:

# https://github.com/plataformatec/devise/wiki/How-To:-Add-sign\_in,-sign\_out,-and-sign\_up-links-to-your-layout-template

<% if user\_signed\_in? %>

<li>

<%= link\_to('Logout', destroy\_user\_session\_path, :method => :delete) %>

</li>

<% else %>

<li>

<%= link\_to('Login', new\_user\_session\_path) %>

</li>

<% end %>

### Configuring views: rails generate devise:views

You can also use the generator to generate scoped views: $ rails generate devise:views users

### github deployment: https://guides.github.com/activities/hello-world/

### login/signup https://github.com

<https://github.com/shailykathil/BLOG>

write in console

echo "# BLOG" >> README.md

git init

git add README.md

git status

git add/rm(for remove file from server) .

git commit -m "first commit"

git remote add origin <https://github.com/shailykathil/BLOG.git>

git push -u origin master

git remote -v

git push origin master

Heroku deployment: [https://devcenter.heroku.com/articles/getting-started-with-ruby#introduction](https://devcenter.heroku.com/articles/getting-started-with-ruby" \l "introduction)

<https://dashboard.heroku.com/apps>

<https://home1234.herokuapp.com/>

login/signup on heroku site

### write on console:heroku login

### heroku create blog(app name))

### change sqlite3 to pg in gemfile

### bundle install

### git status

### git add

### git add Gemfile

### git add Gemfile.lock

### git commit -m “msg”

### git remote -v

### git push heroku master

### heroku run rake <db:migrate>

### heroku open

### heroku logs

### heroku git: remote -a appname

### install postgres:[https://gorails.com/setup/ubuntu/14.04#postgresql](https://gorails.com/setup/ubuntu/14.04" \l "postgresql)

**postgres Database.yml:**

development:

adapter: postgresql

encoding: unicode

database: [DB name]

pool: 5

username: [your username]

password: [your username]

**Database.yml:**

adapter: oracle

database: comics\_catalog\_development

username: [your username]

password: [your password]

host: [host name]

**MySQL Database.yml :**

development:

adapter: mysql2

encoding: utf8

reconnect: **true**

database: [DB name]

pool: 5

username: [your username]

password: [your password]

host: [host name]

### for connection error in pg:

### sudo nano /etc/postgresql/9.5/main/pg\_hba.conf

### sudo service postgresql restart