RoR common commands

# To add functionality

1. Create a model: rails generate model Micropost content:string user\_id:integer
2. Create tests for the model
3. create a controller: rails generate controller Users new --no-test-framework

2) create a test for the controller: rails generate integration\_test authentication\_pages

3) Update the routes in config/routes.rb to point the REST to the controller: resources :sessions, only: [:new, :create, :destroy]

4) also create the match statement : match '/signout', to: 'sessions#destroy', via: :delete, or match '/signin', to: 'sessions#new'

5) update the controller with the actions: e.g. new, create, delete etc.

6) create the view calling the file: /<corresponding controller folder>/<operation name>.html.erb, e.g. app/views/sessions/new.html.erb

# Git

## crating a new branch

git checkout -b new-branch-name

## merging, switch to the branch to merge into by git check out branch name

git merge topic-branch-name

## create a topic branch

git co -b topic-branch-name

## pushing to git hub

git push

## pushing to heroku

git push heroku

## to stop tracking changes in a file

git update-index --assume-unchanged FILENAME

git update-index --no-assume-unchanged FILENAME

# Rails

## to generate a controller

rails generate controller Users new --no-test-framework

## to generate a model

rvmsudo rails generate model User name:string email:string

## to create integration tests

rails generate integration\_test user\_pages

## to generate the database after creating the model

rake db:migrate

## to add a gem, update the Gemfile and run

bundle install

## annotate models

Need to have gem 'annotate', '~> 2.4.1.beta' installed

bundle exec annotate --position before

## find out why a record could not be saved

<model name>.errors.full\_messages

## Starting the console

## Updating the database

## creating an index

rails generate migration add\_index\_to\_users\_email

## add a column

rails generate migration add\_password\_digest\_to\_users password\_digest:string

go to the generated migration and make sure it has the right content. E.g.

class AddRememberTokenToUsers < ActiveRecord::Migration

def change

add\_column :users, :remember\_token, :string

add\_index :users, :remember\_token

end

end

# Heroku

## to start production console

heroku run console

# Postgres

# pg\_ctl status [-D DATADIR]

pg\_ctl status -D /usr/local/var/postgres/

pg\_ctl start -D /usr/local/var/postgres/

pg\_ctl stop -D /usr/local/var/postgres/

# State Machine

rake state\_machine:draw CLASS=Agreement TARGET="./doc/state\_machines/images" HUMAN\_NAMES=true