08-06-2018

D:\Frameworks\RubyOnRail\E books\Wiley.Ruby.on.Rails.Bible.Oct.2008

# Create the project using the rails command.

First create a directory called rails\_

projects that will serve as the root of the Rails projects that you can build throughout this book.

After you’ve created the rails\_projects directory, navigate into that directory and run the

rails project generation script, as shown here:

**cd rails\_projects**

**rails new contactlist**

**cd contactlist**

**bin/rails server ; run the server**

[**http://localhost:3000/**](http://localhost:3000/) **;browse default home page**

# Set up the database.

Make database with prompt

C:/xampp/mysql/bin/mysql -u root –p

**Create database contactlist\_development;** ; will create database

**Show databases;** ; show databases

**use contactlist\_development;**

**create table contacts (**

**id int not null auto\_increment,**

**first\_name varchar(100) not null,**

**last\_name varchar(100) not null,**

**address varchar(255) not null,**

**city varchar(100) not null,**

**state varchar(2) not null,**

**country varchar(100) not null,**

**phone varchar(15) not null,**

**email varchar(100),**

**primary key(id) );**

**bin/rails db:migrate RAILS\_ENV=development**

**Show tables; ; show tables**

**Describe contactlists; ; show the columns on table**

# Create the model.

**// ruby script/generate model Contact**

*bin/rails generate model Contact*

//creating table articles

*rails generate migration create\_articles* ; table is blank user should populate med columns

*rails db:migrate*

*rails db:rollback*

;in the case you need to change the table articles:

*rails generate migration add\_type\_status\_to\_articles*

Example:

**class** *AddTypeStatusToArticles* < ActiveRecord::Migration[5.2]  
 **def** change  
 *add\_column* :articles, :type, :integer  
 *add\_column* :articles, :status, :integer  
 **end  
end**

**creating model**

**just create a article.rb by right clicking on the folder Models**

**Using Console**

*Rails console*

*Article*

*Article.all*

*A)-*

*article = Article.new*

*article.title =”First title”*

*article.description =”First body”*

*article.save*

*B)-*

*article= Artcle.new(title: “Second Title”, description:”second body”)*

*article.save*

*C)-*

*article=Article.create(title: “third title”, description: “third body”) ; no need for save*

*article.errors.any?*

*article.errors.full\_messages*

# 4. Create the controller and views.

# 5. Style the application.

# 6. create Department Section and Subsetion using scaffold

rails generate scaffold Department name:string shortname:string link:string description:text position:integer status:integer

rails generate scaffold Section name:string shortname:string link:string description:text position:integer status:integer

rails generate scaffold Subsection name:string shortname:string link:string description:text position:integer status:integer

. rake db:migrate

# 7. create users

Rails generate migration create\_users and Make a model user.rb on brach then add and commit the whole on branch

# 6. create Department Section

### [1 Command Line Basics](http://guides.rubyonrails.org/command_line.html#command-line-basics)

There are a few commands that are absolutely critical to your everyday usage of Rails. In the order of how much you'll probably use them are:

* rails console
* rails server
* rails generate scaffold Article title:string description:text
* bin/rails
* rails generate
* rails dbconsole
* rails new app\_name
* rake routes
* rails db:migrate
* rake routes

rm –rf config ; delete config directory

bundle install --without production

# Git

Be sure you have installed git

Git –version

git config --global user.name "Rails Contactlist"

git config --global user.email "kdanaie@hotmail.com"

git status

git config

git config –list

git init

git add -A

git commit -m "create rails application contactlist and about contactus pages"

git checkout –f ; reert

Github after creating contactlist repository on Github site:

cat ~/.ssh/id\_rsa.pub ; will display your public key

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQDp/xx4kGNcSH5ELzO0MmlqNfm6tooH9YcC2QJ0QPXK7yQY9Z/5nY6bKOqF0oaiWQTG/ryr96MM7RQPHbeKtWefBNqQpI7+LbP0yknhbZaOQS5cEaeQa1ZaD9jEbM7jiIDuzBszC2LT06RhkUWlvKLxaNBqYCTcRrCd6fPf0jb5kTaJnsDV4rNIVshHbk7WqyO2cprqLyNNL9afxncYi0gT2S3QAFAo6Z2pQMBT65g9ZIaZ0uhmt2RCJBm81F08Pc09DxrgU6T2E4AacY9IKfX5HKMhtGJF4aUlPGUGDA1wk8JwYWMycFtMPtbZ1JJ/YqXuWkm/ge2cJ9bdb0811XB7 Kazem Danaie <kdanaie@hotmail.com>

git remote add origin [git@github.com:kdanaie/contactlist.git](mailto:git@github.com:kdanaie/contactlist.git)

git push -u origin master

Branching

git checkout -b create-users ; create branch and now it points to this branch

git branch ; show the all branches

git checkout master ; change to master