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# 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**

# 4. Create the controller and views.

# 5. Style the application.

### [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
* bin/rails
* rails generate
* rails dbconsole
* rails new app\_name
* rake routes