



Emerald City Programming Group



Agenda

- Create a demo application
- Create two models
- define a validator
- define a relationship between models
- deploy Application

Create Application

```
$ rails new demo_app
```

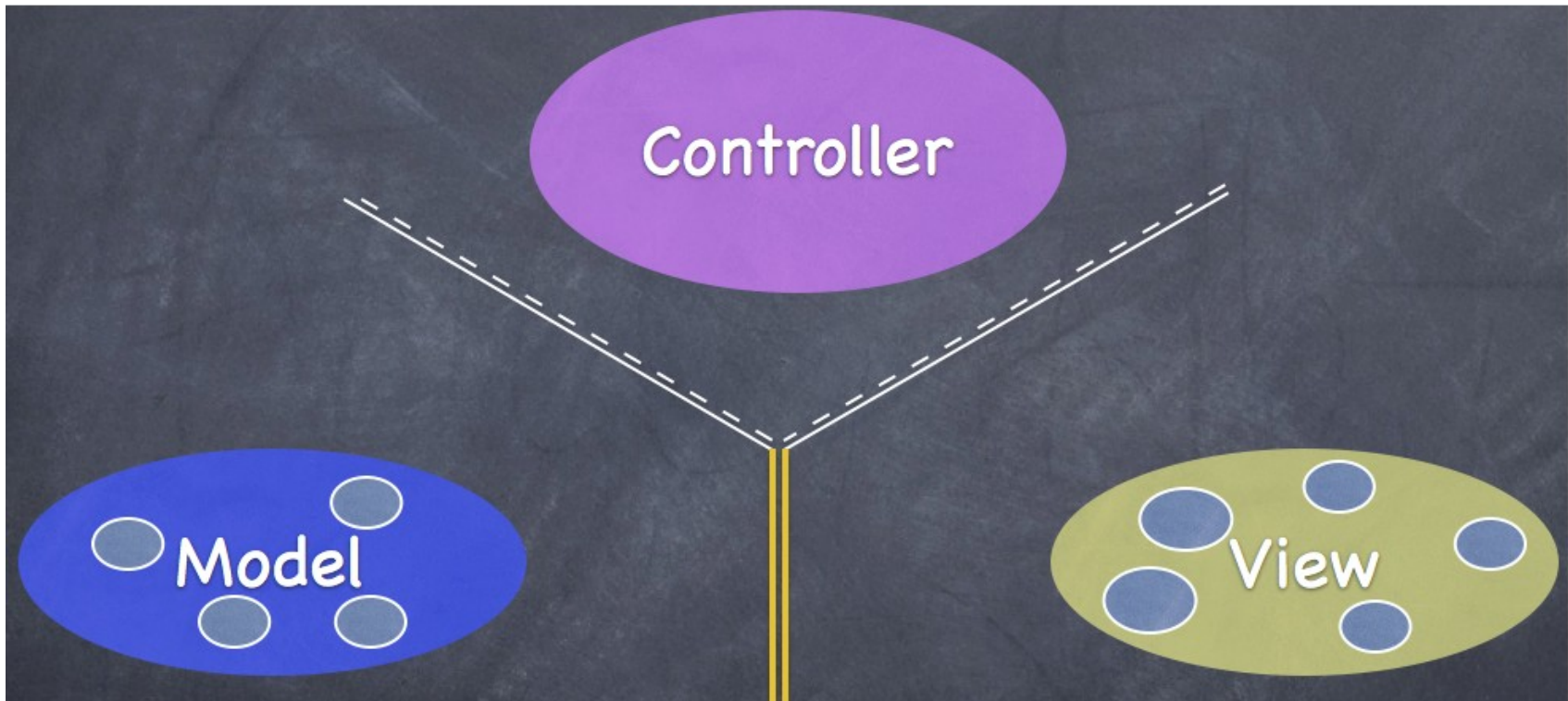
Create User Model

- `$ rails generate scaffold User name:string email:string`

REST URLs

URL	Action	Purpose
<code>/users</code>	<code>index</code>	page to list all users
<code>/users/1</code>	<code>show</code>	page to show user with id <code>1</code>
<code>/users/new</code>	<code>new</code>	page to make a new user
<code>/users/1/edit</code>	<code>edit</code>	page to edit user with id <code>1</code>

Model View Controller



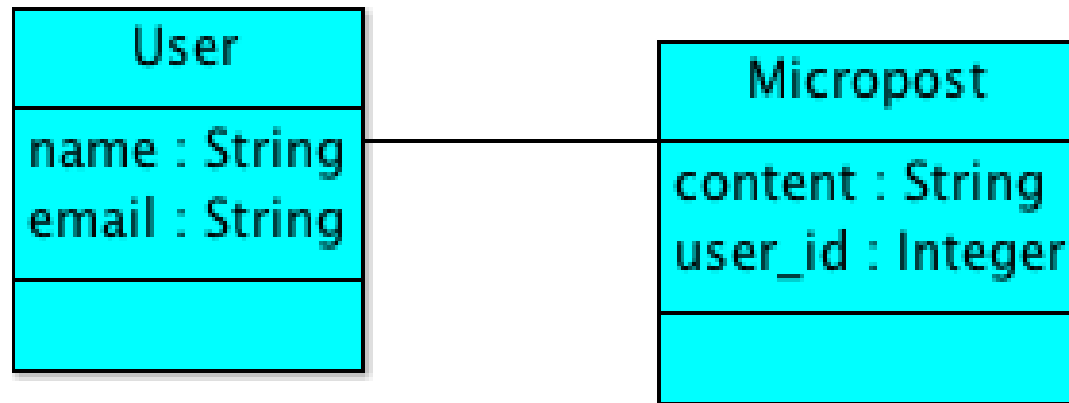
Create Microposts Model

- `$ rails generate scaffold Micropost`
`content:string user_id:integer`

Limit the length of the posts

```
class Micropost < ActiveRecord::Base  
  validates :content, :length => {:maximum => 140}  
end
```


Creating Relationships



Has Many

```
class User < ActiveRecord::Base  
  has_many :microposts  
end
```

Belongs To

```
class Micropost < ActiveRecord::Base  
  belongs_to :user  
  validates :content, :length => {:maximum => 140}  
end
```

Deploy Application

- `$ gem install heroku`
- `$ heroku create`
- `$ git push heroku master`
- `$ heroku rake db:migrate`