

Laboratorio de Computación IV

Clase 11

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Repaso



- Migrations.
- Creamos un modelo (ActiveRecord) y vimos su representación en la BD.
- Creamos artículos desde la consola.
- Listamos artículos en el sitio.
- Vimos detalles del artículo en una página individual.

Blog - Artículos

- Terminamos con links hechos “a mano”

```
/app/views/articles/index.html.erb
```

```
<h1>Articles</h1>
```

```
<% @articles.each do |article| %>
```

```
  <h3>
```

```
    <a href="articles/<%= article.id %>">
```

```
      <%= article.title %>
```

```
    </a>
```

```
  </h3>
```

```
<% end %>
```

Blog - Artículos

- Rails provee *helpers* para las vistas
 - Pero previamente tenemos que darle un nombre a la ruta. Modifiquemos la definición de rutas:

```
config/routes.rb
Rails.application.routes.draw do

  root 'articles#index'

  get '/articles',
      to: 'articles#index',
      as: 'articles'
  get '/articles/:id',
      to: 'articles#show',
      as: 'article'

end
```

Blog - Artículos

- Veamos las rutas

```
$ bin/rake routes
```

Prefix	Verb	URI Pattern	Controller#Action
root	GET	/	articles#index
articles	GET	/articles(.:format)	articles#index
article	GET	/articles/:id(.:format)	articles#show

Blog - Artículos

- Ahora podemos modificar nuestra vista

```
/app/views/articles/index.html.erb
```

```
<h1>Articles</h1>
```

```
<% @articles.each do |article| %>
```

```
  <h3>
```

```
    <%= link_to article.title, article_path(article) %>
```

```
  </h3>
```

```
<% end %>
```

Blog - Artículos

- Y en la vista individual

```
/app/views/articles/show.html.erb
```

```
<h1>
```

```
  <%= @article.title %>
```

```
</h1>
```

```
<p>
```

```
  <strong>Text:</strong>
```

```
  <%= @article.text %>
```

```
</p>
```

```
<%= link_to 'Back to index', articles_path %>
```

Blog - Artículos

- Veamos como crear un artículo

```
config/routes.rb
```

```
Rails.application.routes.draw do
```

```
  get  '/articles',  
        to: 'articles#index',  
        as: 'articles'
```

```
  post '/articles',  
        to: 'articles#create'
```

```
  get  '/articles/new',  
        to: 'articles#new',  
        as: 'new_article'
```

```
  get  '/articles/:id',  
        to: 'articles#show',  
        as: 'article'
```

```
end
```

El orden importa



Blog - Artículos

- Veamos las rutas

```
$ bin/rake routes
```

Prefix	Verb	URI Pattern	Controller#Action
root	GET	/	articles#index
articles	GET	/articles(.:format)	articles#index
	POST	/articles(.:format)	articles#create
new_article	GET	/articles/new(.:format)	articles#new
article	GET	/articles/:id(.:format)	articles#show

Blog - Artículos

- Comencemos por el índice

```
/app/views/articles/index.html.erb
```

```
<h1>Articles</h1>
```

```
<% @articles.each do |article| %>
```

```
  <h3>
```

```
    <%= link_to article.title, article_path(article) %>
```

```
  </h3>
```

```
<% end %>
```

```
<%= link_to 'New article', new_article_path %>
```

Blog - Artículos

- En el controller

```
/app/controllers/articles_controller.rb
```

```
class ArticlesController < ApplicationController
```

```
  ...
```

```
  def new
```

```
  end
```

```
end
```

Blog - Artículos

- Y la nueva vista

```
/app/views/articles/new.html.erb
```

```
<h1>New Article</h1>
```

```
<%= form_for :article, url: articles_path do |form| %>
```

```
  <p>
```

```
    <%= form.label :title %><br>
```

```
    <%= form.text_field :title %>
```

```
  </p>
```

```
  <p>
```

```
    <%= form.label :text %><br>
```

```
    <%= form.text_area :text %>
```

```
  </p>
```

```
  <p>
```

```
    <%= form.submit %>
```

```
  </p>
```

```
<% end %>
```

Blog - Artículos

- Nos falta definir el método en el *controller* para crear un nuevo artículo

Blog - Artículos

```
/app/controllers/articles_controller.rb
class ArticlesController < ApplicationController

  ...

  def create
    @article = Article.new(article_params)
    @article.save
    redirect_to @article
  end

  private

  def article_params
    params.require(:article).permit(:title, :text)
  end

end
```

Blog - Artículos

- Veamos ahora como borrar un post

```
config/routes.rb
```

```
Rails.application.routes.draw do
  get    '/articles',
        to: 'articles#index',
        as: 'articles'

  post   '/articles',
        to: 'articles#create'

  get    '/articles/new',
        to: 'articles#new',
        as: 'new_article'

  get    '/articles/:id',
        to: 'articles#show',
        as: 'article'

  delete '/articles/:id',
        to: 'articles#destroy'
end
```

Blog - Artículos

- Veamos las rutas

```
$ bin/rake routes
```

	Prefix	Verb	URI Pattern	Controller#Action
	root	GET	/	articles#index
articles	GET		/articles(.:format)	articles#index
		POST	/articles(.:format)	articles#create
new_article	GET		/articles/new(.:format)	articles#new
article	GET		/articles/:id(.:format)	articles#show
		DELETE	/articles/:id(.:format)	articles#destroy

Blog - Artículos

- En la vista individual

```
/app/views/articles/show.html.erb
```

```
<h1>  
  <%= @article.title %>  
</h1>
```

```
<p>  
  <strong>Text:</strong>  
  <%= @article.text %>  
</p>
```

```
<%= link_to 'Delete', article_path(@article), method:  
:delete %>  
<%= link_to 'Back to index', articles_path %>
```

Blog - Artículos

- En el controller

```
/app/controllers/articles_controller.rb
```

```
class ArticlesController < ApplicationController
```

```
  ...
```

```
  def destroy
```

```
    @article = Article.find(params[:id])
```

```
    @article.destroy
```

```
    redirect_to articles_path
```

```
  end
```

```
end
```

Blog - Artículos



Blog - Artículos

- Editar un post

```
config/routes.rb
Rails.application.routes.draw do
  ...
  get      '/articles/:id/edit',
           to: 'articles#edit',
           as: 'edit_article'
  get      '/articles/:id',
           to: 'articles#show',
           as: 'article'
  patch    '/articles/:id',
           to: 'articles#update'
  ...
end
```

Blog - Artículos

- Veamos las rutas

```
$ bin/rake routes
```

	Prefix	Verb	URI Pattern	Controller#Action
	root	GET	/	articles#index
articles	GET		/articles(.:format)	articles#index
		POST	/articles(.:format)	articles#create
new_article	GET		/articles/new(.:format)	articles#new
edit_article	GET		/articles/:id/edit(.:format)	articles#edit
article	GET		/articles/:id(.:format)	articles#show
		PATCH	/articles/:id(.:format)	articles#update
		DELETE	/articles/:id(.:format)	articles#destroy

Blog - Artículos

- En la vista individual

```
/app/views/articles/show.html.erb
```

```
<h1>  
  <%= @article.title %>  
</h1>
```

```
<p>  
  <strong>Text:</strong>  
  <%= @article.text %>  
</p>
```

```
<%= link_to 'Edit', edit_article_path(@article) %>  
<%= link_to 'Delete', article_path(@article), method:  
:delete %>  
<%= link_to 'Back to index', articles_path %>
```

Blog - Artículos

- En el controller

```
/app/controllers/articles_controller.rb
```

```
class ArticlesController < ApplicationController
```

```
  ...
```

```
  def edit
```

```
    @article = Article.find(params[:id])
```

```
  end
```

```
end
```

Blog - Artículos

- Una nueva vista para editar

Blog - Artículos

```
/app/views/articles/edit.html.erb
```

```
<h1>Editing article</h1>
```

```
<%= form_for :article, url: article_path(@article),  
method: :patch do |f| %>
```

```
  <p>
```

```
    <%= f.label :title %><br>
```

```
    <%= f.text_field :title %>
```

```
  </p>
```

```
  <p>
```

```
    <%= f.label :text %><br>
```

```
    <%= f.text_area :text %>
```

```
  </p>
```

```
  <p>
```

```
    <%= f.submit %>
```

```
  </p>
```

```
<% end %>
```

```
<%= link_to 'Back', articles_path %>
```

Blog - Artículos

- Finalmente la acción para aplicar los cambios

```
/app/controllers/articles_controller.rb
```

```
class ArticlesController < ApplicationController
```

```
  ...
```

```
  def update
```

```
    @article = Article.find(params[:id])
```

```
    if @article.update(article_params)
```

```
      redirect_to @article
```

```
    else
```

```
      render 'edit'
```

```
    end
```

```
  end
```

```
end
```

Blog - rutas

- Helper *resources*

```
config/routes.rb
```

```
Rails.application.routes.draw do  
  resources :articles  
end
```

Blog - Artículos

- Antes

```
$ bin/rake routes
```

	Prefix	Verb	URI Pattern	Controller#Action
	root	GET	/	articles#index
articles	GET		/articles(.:format)	articles#index
		POST	/articles(.:format)	articles#create
new_article	GET		/articles/new(.:format)	articles#new
edit_article	GET		/articles/:id/edit(.:format)	articles#edit
article	GET		/articles/:id(.:format)	articles#show
		PATCH	/articles/:id(.:format)	articles#update
		DELETE	/articles/:id(.:format)	articles#destroy

Blog - Artículos

- Ahora

```
$ bin/rake routes
```

	Prefix	Verb	URI Pattern	Controller#Action
	root	GET	/	articles#index
articles	GET		/articles(.:format)	articles#index
	POST		/articles(.:format)	articles#create
new_article	GET		/articles/new(.:format)	articles#new
edit_article	GET		/articles/:id/edit(.:format)	articles#edit
article	GET		/articles/:id(.:format)	articles#show
	PUT		/articles/:id(.:format)	articles#update
	PATCH		/articles/:id(.:format)	articles#update
	DELETE		/articles/:id(.:format)	articles#destroy

Blog - rutas

- Restringsiendo rutas (1)

```
config/routes.rb
```

```
Rails.application.routes.draw do
  resources :articles, only: [:index]
end
```

```
$ bin/rake routes
```

	Prefix	Verb	URI Pattern	Controller#Action
	root	GET	/	articles#index
	articles	GET	/articles(.:format)	articles#index

Blog - rutas

- Restringiendo rutas (2)

```
config/routes.rb
```

```
Rails.application.routes.draw do
  resources :articles, except: [:show, :edit, :destroy]
end
```

```
$ bin/rake routes
```

	Prefix	Verb	URI Pattern	Controller#Action
	root	GET	/	articles#index
articles	GET		/articles(.:format)	articles#index
		POST	/articles(.:format)	articles#create
new_article	GET		/articles/new(.:format)	articles#new
article	PATCH		/articles/:id(.:format)	articles#update
	PUT		/articles/:id(.:format)	articles#update