

Meeting 13

Nikolay lectures!

Today's Meeting Procedure

- Continuing to work on applications
- Introducing new Rubygem: Paperclip

Paperclip

- Created by thoughtbot
 - (Remember TUTE COSTA!!!!!!)
- Our very own Jon Moss has made major contributions to the project! (from 250 issues on GitHub to 82)
- <https://github.com/thoughtbot/paperclip>

So what exactly is “Paperclip”?

- ‘Paperclip is intended as an easy file attachment library for ActiveRecord.’
 - ActiveRecord is Rails’ way of talking with Databases
- File uploads for Rails™

Installation

- Go to your nitrous/c9
- nitrous.io:
 - Autoparts → Manage Packages → Type 'ImageMagick' → Install
- c9.io:
 - `sudo apt-get install ImageMagick`

Valuable Skill time

- Knowing how to read through Docs and Readme's is an important skill to have for development.
- It helps figure out how to solve bugs and issues in your applications and also understand how to use certain gems properly.

Figure out how to use this on your own

- Go to this link: (Paperclip's GitHub repo)
<https://github.com/thoughtbot/paperclip>
- Follow the instructions on how to install in your own app

Gemfile

Add gem “paperclip”

Run `bundle install`

Paperclip is installed!

Go back to the Readme and figure out what to do next.

Database Migrations

Generate a migration:

```
rails g paperclip [ModelName] [ModelAttribute]  
(Something like: rails g paperclip post image )
```

Rake the database:

```
rake db:migrate
```

Adding to Controller

Go to your controller:

I.E. “app/controllers/posts_controller.rb”

Add `:ModelAttribute` to the permitted parameters.

I.E. `params.require(:post).permit(:image)`

Adding to Edit and New Views

Go to the form view for your controller:
I.E. “app/views/posts/_form.html.erb”

Add `<%= f.file_field :[ModelName] %>`

Paperclip Model Helper

In your model file:

```
has_attached_file :[MODEL_ATTRIBUTE)
```

(this is like has_many / belongs_to !!)

Showing the images

Add the following line to your views:

```
<%= image_tag @[ModelName].image.url %>
```

(Inside of your show or index.)

Next Meeting? (not really)

Moss, Teo, and I are going the AWS loft in New York.

So What is AWS?

AWS = Amazon Web Services

Provides a variety of services such as Data Storage (Which we can use with Paperclip to store files)

Oscar Health: Insurance Company

If you want to register:

<http://aws.amazon.com/start-ups/loft/ny-loft/>

June 25th, 6:30 - 8:00 PM → Oscar Health

Ask Jon to share the Google Doc with the plans with you.

Meetings resume in the Fall

See you then.