

Rails Girls App Tutorial

7. Adding picture uploads

Note: <your_model_name> used throughout this tutorial must be changed accordingly to your application's naming.

We need to install a piece of software to let us upload files in Rails.

Open **Gemfile** in the project directory using your text editor and under the line

```
gem 'sqlite3'
```

and

```
gem 'carrierwave'
```

Coach: Explain what libraries are and why they are useful. Describe what open source software is.

Hit **ctrl+c** in the terminal to quit the server.

In the terminal run:

```
bundle
```

Now we can generate the code for handling uploads. In the terminal run:

In the terminal run:

```
Rails generate uploader Picture
```

Please start the rails server now.

Note: Some people might be using a second terminal to run the rails server continuously. If so you need to **restart the Rails server process** now. This is needed for the app to load the added library.

If an error is shown that the uploader cannot be found also add the following line:

```
gem 'net-ssh'
```

If you added this gem, please run in your terminal again:

```
bundle
```

Open **app/models/<your_model_name>.rb** and under the line

```
class YourModelName < ApplicationRecord
```

add

```
mount_uploader :picture, PictureUploader
```

Open `app/views/<your_model_name_pluralized>/_form.html.erb` and change

```
<%= form.text_field :picture, id: :<your_model_name>_picture %>
```

to

```
<%= form.file_field :picture, id: :<your_model_name>_picture %
```

In your browser, add new idea with a picture. When you upload a picture it doesn't look nice because it only shows a path to the file, so let's fix that.

Open `app/views/ideas/show.html.erb` and change

```
<%= @<your_model_name>.picture %>
```

to

```
<%= image_tag(@<your_model_name>.picture_url, width: 600) if  
@<your_model_name>.picture.present? %>
```

Now refresh your browser to see what changed.