Supervised figure-it-out 2

13 March 2024

Set this up as a backdrop for working on today's thing: go to one of your scratch/practice rails projects (or generate a fresh one), and generate a scaffold for a model called `Album` that has a title and an artist (both strings). Remember that you can generate data from the console using things like

```
a = Album.new({title: "asdf", artist: "qwer"})
a.save
```

so make a couple of those. (Start this first so it can be generating/bundling while you read and do web searches for the next stuff.)

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You know how to include static images on your Rails pages, but you also know there's got to be a way to have images as a single element of a resource, so they can be uploaded on a new/edit page and seen as part of a standard view.

Go read about it! (If you find pages about a gem called "`paperclip`" you're looking at older content—always keep your eyes open for the dates of pages on help sites)

Then use that info to fold images into the `Album` resources you set up earlier. (Finish setting them up, including a little bit of data, *without* the images first—it may seem easier to restart from scratch but you need realistic practice with database migration and you want to be able to undo just the image stuff without destroying the sample data you already typed in.) Each album can now have an album cover image. Try to:

- Set up a database migration to add the album cover to the model

- Make the album cover display large on the individual album's pages

- Show a thumbnail of each album cover in the album index

- Don't crash if there's no album cover for an album

What to use as content? Grab png/jpg images from literally anywhere (right-click on an image somewhere to "save image as...") or just use images from earlier projects. Time spent on choosing "just the right image" is time *not* spent on learning how image uploading and processing works.